

A man with a beard, wearing a dark t-shirt and dark work pants with reflective white stripes on the lower legs, is sitting on the side of a dark-colored truck. He is holding a power tool, possibly a drill or a sander, and is working on a component of the truck's engine or machinery. The background is dark and industrial. The overall image has a blue tint.

**FRISTADS®**

**2021**



# Innovation built on experience

For nearly a century, we have lived and breathed workwear. The styles and materials have evolved over time but our commitment to quality and performance is as strong today as it was when we started.


We are passionate about what we do. We want to help our customers succeed and prosper. And we go the extra mile to improve. Always with our users and the planet in focus.





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# The world's first environmentally declared garment collection

Fristads is the first clothing producer in the world to publish an environmental product declaration of a garment according to the EPD standard for measuring the total environmental impact of a garment – from choice of material to delivery of the finished garment. We introduced the EPD because we want to contribute to positive change and greater transparency when it comes to the environmental impact of our products.

 **EPD®** *Fristads Green products have a certified Environmental Product Declaration (EPD) giving information about the environmental performance, contents and recycling, which has been controlled and verified according to the requirements of the International EPD® System. More information is available at [environdec.com](http://environdec.com). The EPD registration numbers are displayed in connection to the products and at [fristads.com](http://fristads.com).*



reddot award 2019  
winner



**We aim higher.** Our groundbreaking work on our Green collection has attracted much attention in the world. We are proud to have received two acknowledged design awards for our sustainability achievement.





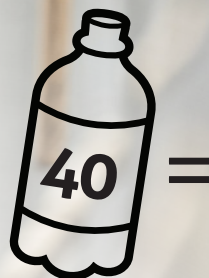




# Your environmental choices make a difference

## 10 facts about our Green garments

1. All garments have an EPD – Environmental Product Declaration
2. We use sustainable materials: Recycled polyester made of recycled PET bottles, Lyocell from traceable and sustainably sourced wood, organic cotton
3. Smart design solutions to save energy in production
4. More efficient use of materials to avoid unnecessary waste
5. All waste material from production is reused
6. The e.dye® dyeing process reduces water consumption by 75%
7. We avoid the use of plastic bags – the garments are folded using a special folding technique
8. All transport is by sea and road, which has significantly lower environmental impact than air transport
9. All garments are OEKO-TEX® certified
10. The Fristads Green garments fulfil the same high requirements on quality, durability, comfort and functionality as our other garments.



40 PET bottles (0.5 l)  
Trousers + jacket

**GREEN JACKET 4688 GRT**  
Art no 129928> Page 81

**GREEN TROUSERS 2688 GRT**  
Art no 129927> Page 81



## Zero waste

- We reuse all waste material from production
- All surplus material is utilised on site
- Surplus material from all Fristads Green products are turned into other products like "comfort pads", socks and blankets

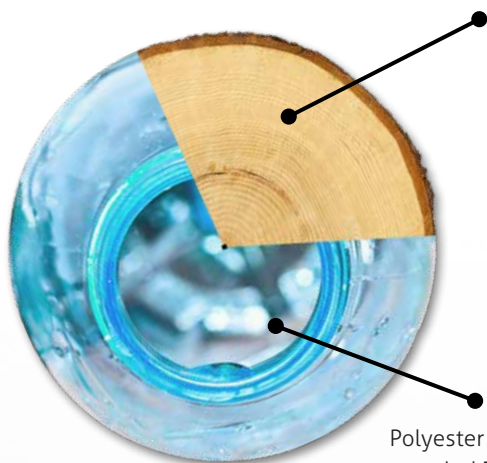


## Efficient packing and shipment

- We avoid the use of plastic bags
- The garments are folded using a special folding technique, making packing more effective
- Takes up less space
- Optimises use of transport capacity
- All transport is by sea and road, which has significantly lower environmental impact than air transport



TENCEL™ Lyocell from traceable and sustainably sourced wood



Polyester from recycled PET bottles

**TECAWORK™**  
Ecogreen

Our Green Fusion garments are made of TECAWORK™ ECOGREEN – a comfortable and sustainable fabric made of 65% recycled polyester and 35% TENCEL™ Lyocell. TENCEL™ Lyocell uses 95% less water when produced compared to cotton. The mechanically recycled polyester reduces energy consumption by 45% in comparison with traditional polyester.

## Reduces water consumption by 75%

For most of our Green garments we have used the colouring method e.dye®, also called the waterless colouring system. It is an environmentally sustainable process for dyeing fabrics, where the colour is added to the raw material before it becomes yarn. This reduces water consumption by 75% compared with traditional dyeing and results in superior colour performance because the colour is inside the yarn.

**e.dye®**  
Integrated™





# In our lab, the best materials get the worst possible treatment

The Fristads laboratory tests and checks the physical properties of raw materials and garments – an important part of product development. Abrasion resistance, pilling, tear strength, tensile strength, colour fastness and dimensional change are just some of the many tests that are carried out. They are all conducted in a conditioned environment in accordance with the relevant international standards as used by accredited laboratories.



## A unique development process

In every detail

When we design our garments, our most important input comes from the professionals who rely on our clothes every day. Innovative details and ergonomic design ensure your freedom of movement and efficiency at work. To ensure Fristads quality, we also perform our own tests – comprising everything from strength, tensile and abrasion, to real-life usability and user comfort. True to our Scandinavian design heritage, function and style always go hand in hand. Every little detail or seam is there for a reason – to make you do better and look good.

We collaborate with carefully selected brands.



*Woolpower*





# Fristads CORE assortment

Based on experience and feedback from the people wearing our products, and with the aim of even further strengthening our offering, we have created the Fristads CORE assortment. A selection of the most well-used, appreciated and recommended styles throughout Europe. We keep extra-large stocks of our CORE assortment to ensure products are available at all times. These products are marked with a CORE symbol in the catalogue, but note that all colours and models are not always included. A complete list of our CORE assortment is available at [fristads.com](https://fristads.com).

**CORE**



## Value-added services

We can help you with everything from logotype embroidery to complete personalised workwear solutions.

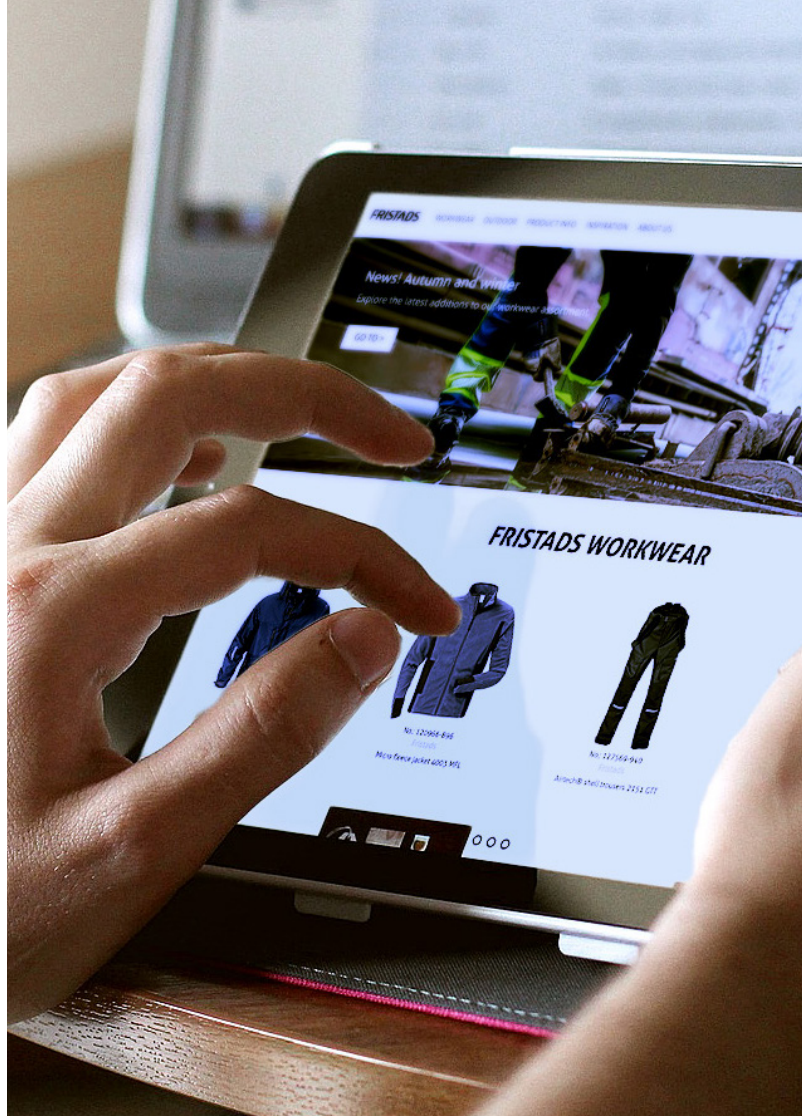
Our VAS department offer many different services to personalise and modify existing garments. Read more on pages 259-261 and contact our customer service for further information.





# Online services

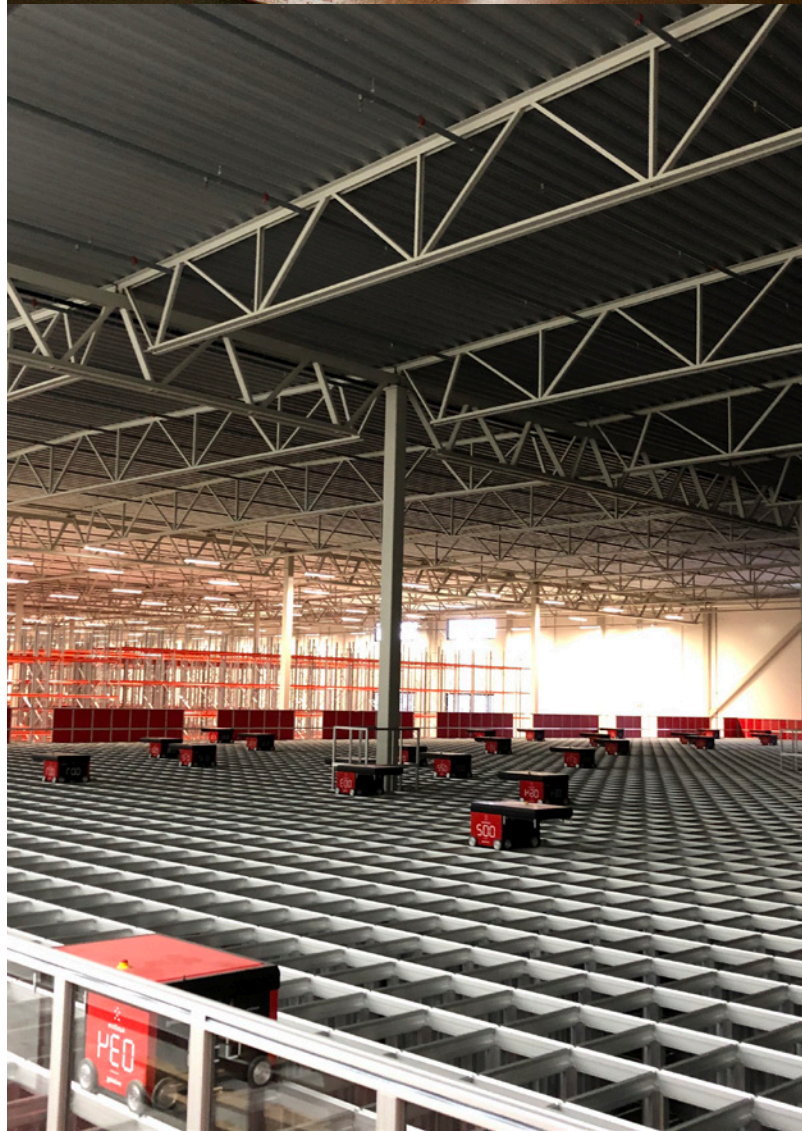
At [fristads.com](http://fristads.com) you find everything you need to know about us. Find the products you are looking for, delve deeply into certificates and norms, download pictures, make your own catalogue and find out where to buy our garments.



# Distribution centre enables shorter lead times

In our head office and distribution centre outside Borås in Sweden, we have gathered all our central services and functions under one roof. We have also implemented an auto store solution to meet the growing requirements for shorter lead times and efficiency in delivery.

By having a complete solution with warehouse, Value-Added Services (printing, embroidery and sewing changes) and distribution in one place, we are reducing our environmental footprint as well. Thanks to the reduction in internal transports, we are saving the CO2 emissions from one lorry driving 8800 km every year.





# We want to make a change



We have been making quality workwear for almost 100 years. The small business that originally started in Sweden has now become a large company with a presence throughout Europe. We have continuously developed our operation and found more efficient ways to design, develop and manufacture our products.

Going forward, we want to find new ways to challenge the traditional way of producing workwear and inspiring other actors within our business to follow suit. This curiosity and drive to develop more sustainable workwear is always on our minds when we design a new garment, develop a new collection and test a new raw material or fibre. By challenging the way we work and striving to find new solutions, we are continuously evolving and doing better every day.

As we continue to grow, the way we interact with the world around us becomes increasingly important, both for us as a company and for individual employees. Everything we do follows the rules and regulations that apply to our industry and is based on a number of principles and guidelines that are unique to our business. This set of rules sets a structure for our operations and controls all our activities to ensure that we act responsibly.

We don't just follow the rules and regulations for environmental protection, we strive to go above and beyond the requirements. Thanks to the development of the Environmental Product Declaration Standard for garments we are now able to measure the environmental impact of a garment, from the time when we design it until we ship it to our customers. These insights guide us on a daily basis as we continue to make our range of clothes even more sustainable, both for the people wearing them and for the planet.

In the long-term, our goal is to close the loop on our production. Making high-quality workwear that stands the test of time is a good start. In the next phase of our sustainability work we will also aim to reduce the waste from our production and find ways to reuse and repurpose worn-out garments, making sure they have reached their full potential before being discarded. We are already using all the waste from the production of our Green garments to make new products and working with selected customers on a pilot program that will collect and recycle old garments. Expect to see more of these innovative projects, as we continue to lead on sustainability in the workwear industry. Today and in the future.

Learn more about our sustainability work at [fristads.com](https://fristads.com).



# Fristads concepts

What type of garments do you like? What are your needs? Fristads has a wide assortment and to facilitate finding the products you seek, we have divided our products into different concepts.



## Fristads Ultimate

Optimal stretch, durability and performance. Ultimate takes work clothes to new heights. Innovative design, advanced materials and technical details, created for you who want the best and latest in the market.



**D**

## Fristads Dynamic

Dynamic combines high function with contemporary fit and sporty design. Developed for you who value extra reinforcements, clever pocket solutions and functional materials.

**O**

## Fristads Original

Reliable, well-liked and well-proven over the years – Original is a perfect mix of tradition and experience. Classic clothes for you who appreciate durability, quality and comfort.





# Building & Construction

Classic style meets modern fit and attitude

For you who work within building and construction we offer one of the widest assortments of workwear, from bestselling classics to garments with more modern fit. Nearly a century of developing workwear for craftsmen, in combination with a never-ending dialogue with our customers, has taught us to always focus on durability, comfort and function.



# Comfort, function, durability and design

- Thoroughly tested materials with high durability and comfort
- Function and design developed in close collaboration with users
- Carefully designed fit for great comfort
- CORDURA® reinforcements for extra durability
- Wide range of stocked sizes
- Trousers also available in women's models
- Most garments are OEKO-TEX® certified
- Kneepockets are certified according to EN 14404 type 2 level 1 together with knee protection 9200 KP

## T-shirts, sweatshirts and jackets

See chapter "Tops" on page 52 and "Cold wind rain" on page 116



BUILDING & CONSTRUCTION



## Protect your knees

Working in kneeling positions is a great strain on the body and on your knees in particular. Therefore, it is important to use the right kind of knee protection that fits optimally on your knees.

Our flexible kneepads 9200 KP, 124292, are certified according to EN 14404 type 2, level 1.

## Trousers guide

Do you know exactly what you want, or do you like to try something new?

In our guide we have collected all our craftsman trousers and divided them into our concepts – Ultimate, Dynamic and Original.

All to make it easier to find the trousers that suit your needs.



### Fristads stretch

Stretch improves comfort, that's a fact. We offer a variety of garments in different stretch materials and these symbols will make it easier to find what you prefer.



#### 4-WAY STRETCH

The 4-way stretch is a highly elastic material which stretches in every direction, offering full flexibility.



#### STRETCH

The 2-way stretch stretches in one direction, offering flexibility and comfort.



#### MECHANICAL STRETCH

Mechanical stretch contains no stretch fibres but is weaved to offer some stretch for extra comfort.





**SWEAT JACKET 7513 DF**  
Art no 126513> Page 56

**CRAFTSMAN TROUSERS 2122 CYD**  
Art no 110313> Page 30

**HOODED SOFTSHELL JACKET 7461 BON**  
Art no 129475> Page 128

**CRAFTSMAN STRETCH TROUSERS 2566 STP**  
Art no 129487> Page 20

**FLEECE PILE JACKET 4064 P**  
Art no 127563> Page 126

**CRAFTSMAN TROUSERS 255K FAS**  
Art no 100282> Page 35

# Craftsman Trousers Guide

All our trousers have a comfortable normal fit, but there is a slight difference between the models. The necessary functions apply for all models, but the trousers in the Ultimate and Dynamic concepts have more advanced features and materials. Here is an overview to help you find what suits you best.





# Fristads Ultimate

Innovative design and technical features,  
made from high-performance materials.



PRODUCT NAME			CRAFTSMAN STRETCH TROUSERS 2621 STK	CRAFTSMAN JOGGER TROUSERS 2687 SSL	CRAFTSMAN STRETCH TROUSERS 2530 CYD
ARTICLE NO			131141	131144	121314
SPEC. FEATURES			Advanced knitted and 4-way stretch materials. Tuckable nail pockets.	Soft stretch material. Tuckable nail pockets.	Large 4-way stretch panels. Canvas with cotton feeling.
STRETCH			<input checked="" type="checkbox"/> Full stretch	<input checked="" type="checkbox"/> Full stretch	<input checked="" type="checkbox"/> Stretch panels
WOMEN'S MODEL			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Page 225
MORE STYLES			<input type="checkbox"/>	<input checked="" type="checkbox"/> Shorts page 25	<input checked="" type="checkbox"/> Shorts and pirate
MATERIAL			Polyamide/elastane	Polyester	Cotton/polyester
WEIGHT			260 g/m <sup>2</sup>	250 g/m <sup>2</sup>	330 g/m <sup>2</sup>
COLOURS			1 colour	1 colour	4 colours
MORE INFO			Page 23	Page 23	Page 27

## Contemporary fit

Straight-shaped thighs and legs with narrower leg ends. Normal waist height, but slightly lower than our classic fit.



PRODUCT NAME		CRAFTSMAN STRETCH TROUSERS 2604 FASG	HIGH VIS CRAFTSMAN STRETCH TROUSERS CLASS 1 2608 FASG	CRAFTSMAN STRETCH TROUSERS 2566 STP	HIGH VIS CRAFTSMAN STRETCH TROUSERS CL 1 2568 STP
ARTICLE NO		129474	132849	129487	129516
SPEC. FEATURE		FAS® cotton. 4-way stretch panels and stretch rib at waist.	FAS® cotton. 4-way stretch panels and stretch rib at waist. High vis class 1.	Full 4-way stretch. Large panels of durable ripstop stretch.	Full 4-way stretch. Large panels of durable ripstop stretch. High vis class 1.
STRETCH		<input checked="" type="checkbox"/> Stretch panels	<input checked="" type="checkbox"/> Stretch panels	<input checked="" type="checkbox"/> Full stretch	<input checked="" type="checkbox"/> Full stretch
WOMEN'S MODEL		<input checked="" type="checkbox"/> Page 227	<input type="checkbox"/>	<input checked="" type="checkbox"/> Page 225	<input type="checkbox"/>
MORE STYLES		<input checked="" type="checkbox"/> Shorts	<input type="checkbox"/>	<input checked="" type="checkbox"/> Shorts. Without nail pockets	<input type="checkbox"/>
MATERIAL		FAS® cotton	FAS® cotton	Stretch materials	Stretch materials
WEIGHT		375 g/m <sup>2</sup>	375 g/m <sup>2</sup>	218 / 260 g/m <sup>2</sup>	218 / 260 g/m <sup>2</sup>
COLOURS		3 colours	2 colours	2 colours	2 colours
MORE INFO		Page 33	Page 33, 155	Page 20	Page 20, 154





# Fristads Dynamic

Advanced function and contemporary fit in a sporty design.



PRODUCT NAME			CRAFTSMAN STRETCH TROUSERS 2596 LWS	CRAFTSMAN TROUSERS 2122 CYD	HIGH VIS CRAFTSMAN TROUSERS CL 1 2127 CYD
ARTICLE NO			133443	110313	122191
SPEC. FEATURES			Lightweight 4-way stretch materials. Stretch knee pockets.	Canvas with cotton feeling.	Canvas with cotton feeling. High vis class 1.
STRETCH			<input checked="" type="checkbox"/> Full stretch	<input type="checkbox"/>	<input type="checkbox"/>
WOMEN'S MODEL			<input checked="" type="checkbox"/> Page 225	<input checked="" type="checkbox"/> Page 226	<input type="checkbox"/>
MORE STYLES			<input checked="" type="checkbox"/> Shorts. Without nail pockets.	<input checked="" type="checkbox"/> Shorts, pirate and bib'n'brace. Without nail pockets.	<input type="checkbox"/>
MATERIAL			Polyester/Polyamide/Elastane	Cotton/polyester	Cotton/polyester
WEIGHT			205/250 g/m <sup>2</sup>	330 g/m <sup>2</sup>	330 g/m <sup>2</sup>
COLOURS			2 colours	4 colours	4 colours
MORE INFO			Page 24	Page 30	Page 30, 154

## Contemporary fit

Straight-shaped thighs and legs with narrower leg ends.  
Normal waist height, but slightly lower than our classic fit.



PRODUCT NAME			HIGH VIS CRAFTSMAN TROUSERS CL 1 2093 NYC	CRAFTSMAN DENIM STRETCH TROUSERS 2131 DCS	CRAFTSMAN DENIM TROUSERS 229 DY
ARTICLE NO			114026	124152	100262
SPEC. FEATURES			Mesh ventilation. Lightweight. High vis class 1.	Full 4-way denim stretch fabric with hardwearing CORDURA®.	Hardwearing cotton denim. Classic jeans look.
STRETCH			<input type="checkbox"/>	<input checked="" type="checkbox"/> Full stretch	<input type="checkbox"/>
WOMEN'S MODEL			<input checked="" type="checkbox"/> Page 226	<input type="checkbox"/>	<input type="checkbox"/>
MORE STYLES			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Service model
MATERIAL			Cotton/polyamide	Cotton/polyamide/elastane	Cotton denim
WEIGHT			240 g/m <sup>2</sup>	322 g/m <sup>2</sup>	390 g/m <sup>2</sup>
COLOURS			2 colours	2 colours	2 colours
MORE INFO			Page 39, 154	Page 29	Page 29



# Fristads Original

Classic functionality for anyone who values durability, high quality and comfort.



PRODUCT NAME		CRAFTSMAN TROUSERS 255K FAS	HIGH VIS CRAFTSMAN TROUSERS CL 1 247 FAS	CRAFTSMAN TROUSERS 288 FAS	CRAFTSMAN TROUSERS 265K FAS
ARTICLE NO		100282	100279	100293	100286
SPEC. FEATURES		FAS® cotton. Tuckable nail pockets.	FAS® cotton. Tuckable nail pockets. High vis class 1.	FAS® cotton. Tuckable nail pockets.	FAS® cotton. Pocket for carpet fitter. Tuckable nail pockets.
WOMEN'S MODEL		<input checked="" type="checkbox"/> Page 226	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MORE STYLES		<input checked="" type="checkbox"/> Shorts, pirate and bib'n'brace.	<input type="checkbox"/>	<input checked="" type="checkbox"/> Shorts	<input type="checkbox"/>
MATERIAL		FAS® cotton	FAS® cotton	FAS® cotton	FAS® cotton
WEIGHT		375 g/m²	375 g/m²	375 g/m²	375 g/m²
COLOURS		2 colours	3 colours	2 colours	1 colour
MORE INFO		Page 35	Page 35, 155	Page 37	Page 36

## Classic fit

Straight-shaped thighs and leg ends. Normal waist height, but slightly higher than our contemporary fit.



PRODUCT NAME		CRAFTSMAN TROUSERS 241 PS25	CRAFTSMAN TROUSERS 288 PS25	CRAFTSMAN TROUSERS 255K AD	CRAFTSMAN COTTON TROUSERS 258 BM
ARTICLE NO		100544	100547	100082	100120
SPEC. FEATURE		Mechanical stretch. Brushed inside.	Mechanical stretch. Brushed inside.	Dirt-, oil- and water-repellent. Lightweight.	Adapted for painters and bricklayers.
WOMEN'S MODEL		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Page 226
MORE STYLES		<input checked="" type="checkbox"/> Bib'n'brace	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Without nail pockets.
MATERIAL		Polyester/cotton	Polyester/cotton	Polyester	Cotton
WEIGHT		290 g/m²	290 g/m²	240 g/m²	300 g/m²
COLOURS		4 colours	2 colours	1 colour	1 colour
MORE INFO		Page 38	Page 38	Page 39	Page 41



4-WAY FULL  
STRETCH

**CORE**

SEE PAGE 9

Combine with tights  
see page 25



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### CRAFTSMAN STRETCH SHORTS 2567 STP

Article no 129488

4-way stretch materials / Thigh panels and back part of durable 4-way ripstop stretch material / Stretch rib insets at waist / 2 loose-hanging CORDURA® pockets, one with 3 smaller pockets, tool loops and zip pocket, one with extra pocket and zip pocket / D-ring under loose hanging pocket / 2 front pockets / 2 back pockets with zip / Hammer loop / Double reinforced crotch seam / 2 thigh pockets with zip and ventilation panels inside / Folding rule pocket in CORDURA® with tool pocket, pen pocket, button and loop for sheath knife / Leg pocket with mobile phone pocket and folding rule pocket / Elastic ribbon at leg ends / OEKO-TEX® certified.

**MATERIAL** 55% elastomultiester, 45% polyester. Stretch rip stop fabric 88% polyamide, 12% elastane. **WEIGHT** 218 g/m². Stretch rip stop fabric 260 g/m². **COLOUR** 940 Black. **SIZE** C44-C66.



4-WAY FULL  
STRETCH



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### STRETCH TROUSERS 2578 STP

Article no 131785

4-way stretch materials / Thigh panels and back part of durable 4-way ripstop stretch material / Stretch rib insets at waist / D-ring / 2 front pockets / 2 back pockets with zip / Hammer loop / Double reinforced crotch seam / 2 thigh pockets with zip and ventilation panels inside / Folding rule pocket in CORDURA® with tool pocket and pen pocket / Leg pocket with mobile phone pocket and folding rule pocket / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg end, adjustable with snap fastening / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 55% elastomultiester, 45% polyester. Stretch rip stop fabric 88% polyamide, 12% elastane. **WEIGHT** 218 g/m². Stretch rip stop fabric 260 g/m². **COLOUR** 940 Black. **SIZE** C44-C66, C146-C156, D84-D120.



4-WAY FULL  
STRETCH



SEE PAGE 225

**CORE**

COLOUR 940  
SEE PAGE 9

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### CRAFTSMAN STRETCH TROUSERS 2566 STP

Article no 129487

4-way stretch materials / Thigh panels and back part of durable 4-way ripstop stretch material / Stretch rib insets at waist / 2 loose-hanging CORDURA® pockets, one with 3 smaller pockets, tool loops and zip pocket, one with extra pocket and zip pocket / D-ring under loose hanging pocket / 2 front pockets / 2 back pockets with zip / Hammer loop / Double reinforced crotch seam / 2 thigh pockets with zip and ventilation panels inside / Folding rule pocket in CORDURA® with tool pocket, pen pocket, button and loop for sheath knife / Leg pocket with mobile phone pocket and folding rule pocket / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg end, adjustable with snap fastening / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 55% elastomultiester, 45% polyester. Stretch rip stop fabric 88% polyamide, 12% elastane. **WEIGHT** 218 g/m². Stretch rip stop fabric 260 g/m². **COLOUR** 542 Blue, 940 Black. **SIZE** C44-C66, C146-C156, D84-D120.



4-WAY FULL  
STRETCH



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### HIGH VIS CRAFTSMAN STRETCH TROUSERS CLASS 1 2568 STP

Article no 129516

4-way stretch fabric / Durable CORDURA® rip stop material with 4-way stretch on thigh and back part / Rib-knitted stretch on waist / 2 CORDURA® reinforced loose-hanging pockets, 1 with 3 smaller pockets and tool loops, 1 with 1 extra pocket / D-ring under loose-hanging pocket / 2 front pockets / Rubber button / Double reinforced crotch seam / Hammer loop / 2 back pockets with zip / 2 thigh pockets with zip and ventilation panels inside / Folding rule pocket with tool pocket, pen pocket and loop for sheath knife in CORDURA® / Leg pocket with mobile phone pocket / Stretch CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg end, adjustable with snap fastening / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / OEKO-TEX® certified.

**MATERIAL** 55% elastomultiester, 45% polyester. Stretch rip stop fabric 88% polyamide, 12% elastane. **WEIGHT** 218 g/m². Stretch rip stop fabric 260 g/m². **COLOUR** 171 Hi-Vis Yellow/ Navy, 196 Hi-Vis Yellow/ Black. **SIZE** C44-C66, C146-C156, D84-D120.





# Full stretch trousers with high durability

Stretch rib at waist for increased comfort

2 back pockets with zip

2 front pockets

Loose-hanging CORDURA® pocket with zip pocket, 3 smaller pockets and tool loops. D-ring under pocket.

Loose-hanging CORDURA® pocket with zip pocket and extra pocket

Double reinforced crotch seam

Thigh panels and back in hardwearing 4-way ripstop stretch material

Mobile phone pocket of stretch material

2 thigh pockets with zip and mesh panels – can be used both as pockets and as ventilation

Folding rule pocket with tool pocket, pen holder, button and loop for sheath knife, all in durable CORDURA®

CORDURA®-reinforced knee pockets with inside opening. Height adjustment for knee pads. Approved according to EN 14404 together with knee pads 124292

Reflective details

Pre-shaped knees

CORDURA®-reinforced leg end, adjustable with snap fastening



**CRAFTSMAN STRETCH TROUSERS 2566 STP**  
Art no 129487> Page 20

**CRAFTSMAN STRETCH TROUSERS WOMAN 2569 STP**  
Art no 129736> Page 225



Wide elastic waistband with inner elastic lining for extra stability and comfort

Specially knitted material with ventilation at front, back yoke and crotch

Reinforced loose-hanging front pockets in lightweight CORDURA® ripstop fabric. Can be tucked away in pockets with concealed zippers

Back pockets with concealed zippers

Side pockets

Double reinforced crotch

Knitted side panels

Folding rule pocket in ripstop stretch material, with button and loop for sheath knife

Durable 4-way ripstop stretch material at front and back thigh

Leg pocket with mobile phone pocket in ripstop stretch material

Dark grey reflective detailing at back leg

Adapted fully-fashioned panels at back of knee, providing increased comfort when kneeling

Fully-fashioned stretch knee pockets with outside opening

Functional knitted material on lower legs with only one seam, for comfortable fit and flexibility

## Designed for true comfort

Our stretch trousers for craftsmen enable seamless transitions between work and pleasure. Made in an advanced cross-over design inspired by sports fashion, still offering all the features you need.

**CRAFTSMAN STRETCH TROUSERS 2621 STK**  
Art no 131141

ADVANCED  
KNITTED 4-WAY  
STRETCH  
MATERIALS



Loose-hanging pockets  
can be tucked away



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### CRAFTSMAN STRETCH TROUSERS 2621 STK

Article no 131141

Elastic knitted materials and 4-way stretch material / Flatbed fully fashion knit with ventilation at front, back yoke and crotch / 4-way stretch material at front and back thigh / Lined elastic waistband with Fristada print and drawstring / 2 loose-hanging front pockets in lightweight CORDURA® ripstop material, one with 3 smaller pockets and tool loop, the other with extra pocket / Loose-hanging pockets can be tucked away in pockets with zip / 2 side pockets / Back pocket with zip / Hammer loop / Double reinforced crotch seam / Folding rule pocket with button and loop for sheath knife / Leg pocket with mobile phone pocket / Fully fashion knitted knee pockets with outside opening / Height adjustment for knee pads in knee pocket / Reflective detailing at back of knee / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** Stretch material 88% polyamide, 12% elastane. Knitted materials 100% polyamide.

**WEIGHT** Stretch material 260 g/m². Knitted materials 640-680 g/m². **COLOUR** 940 Black.

**SIZE** XS-3XL.



SOFT STRETCH  
MATERIAL  
TRANSPORTS  
MOISTURE



Loose-hanging pockets  
can be tucked away



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### CRAFTSMAN JOGGER TROUSERS 2687 SSL

Article no 131144

4-way stretch material / Elastic waistband with Fristads print / 2 loose-hanging front pockets in lightweight ripstop fabric, one with 3 smaller pockets and tool loop, the other with extra pocket / Loose-hanging pockets can be tucked away in pockets with zip / 2 side pockets / Back pocket with zip / Hammer loop / Double reinforced crotch seam / Folding rule pocket both left and right side / Thigh pocket with zip / Fully fashion knitted knee pockets with outside opening / Height adjustment for knee pads in knee pocket / Tapered leg with zipper / Reflective detailing back of knee / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 250 g/m². **COLOUR** 940 Black. **SIZE** XS-3XL.



### HOODED SWEAT JACKET 7464 SSL

Art no 131139> Page 55



# Where there is stretch, there is comfort

At Fristads, we know the difference stretch can make to your comfort at work. That is why our new LWS garments are made completely out of lightweight, 4-way stretch materials that give you the ultimate freedom of movement. Naturally, our LWS craftsman trousers and shorts have all the practical functions of traditional craftsman garments.



**SWEATSHIRT 7091 MELA**  
Art no 133278> Page 55

**NEW**

4-WAY FULL  
STRETCH  
LIGHTWEIGHT



## CRAFTSMAN STRETCH SHORTS 2598 LWS

Article no 134119

Lightweight 4-way stretch fabric / Durable ripstop 4-way stretch panels at upper front and back / 2 loose-hanging reinforced pockets, one with 3 smaller pockets and tool loops, one with extra pocket / Concealed front button / 2 front pockets / 2 back pockets with zip / Double reinforced crotch seam / Hammer loop / Folding rule pocket in ripstop stretch, leg pocket with snap fastening, pocket with zip, pen pocket, 2 tool pockets and button and loop for sheath knife / Leg pocket with snap fastener, pocket with zip, mobile phone pocket and ID card pocket with flap, D-ring under flap / OEKO-TEX® certified.

**MATERIAL** Stretch fabric 92% polyester, 8% elastane. Ripstop stretch fabric 87% polyamide, 13% elastane. **WEIGHT** 205 g/m². Ripstop stretch fabric 250 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** C44-C66.



**NEW**

AUTUMN 2021

4-WAY FULL  
STRETCH  
LIGHTWEIGHT

**CORE**

COLOUR 940  
SEE PAGE 9



SEE PAGE 225



## CRAFTSMAN STRETCH TROUSERS 2596 LWS

Article no 133443

Lightweight 4-way stretch fabric / Durable ripstop 4-way stretch panels at upper front and back / 2 loose-hanging reinforced pockets, one with 3 smaller pockets and tool loops, one with extra pocket / Concealed front button / 2 front pockets / 2 back pockets with zip / Double reinforced crotch seam / Hammer loop / Folding rule pocket in ripstop stretch, leg pocket with snap fastening, pocket with zip, pen pocket, 2 tool pockets and button and loop for sheath knife / Leg pocket with snap fastener, pocket with zip, mobile phone pocket and ID card pocket with flap, D-ring under flap / Ripstop stretch knee pockets with outside opening from above with velcro fastening / Height adjustment for knee pads in knee pockets / Reflective details at knees and leg ends / Ripstop reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** Stretch fabric 92% polyester, 8% elastane. Ripstop stretch fabric 87% polyamide, 13% elastane. **WEIGHT** 205 g/m². Ripstop stretch fabric 250 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** C44-C66, C146-C156, D84-D120.



# Optimal function and comfort – in a new way

- Combine with any shorts
- Keeps the knee pads securely in place
- Perfect both indoors and outdoors
- Mesh-ventilated functional stretch material
- Knitted stretch CORDURA® knee pockets



**HOODED SWEAT JACKET 7462 DF**  
Art no 129480> Page 56

**CRAFTSMAN STRETCH SHORTS 2567 STP**  
Art no 129488> Page 20

**FRIWEAR CRAFTSMAN TIGHTS 2570 STR**  
Art no 129491> Page 25

SOFT STRETCH  
MATERIAL  
TRANSPORTS  
MOISTURE

Combine with tights

Add nail pockets  
see page 43



940



## FRIWEAR JOGGER SHORTS 2686 SSL

Article no 129492

4-way stretch material / Waistband in woven fabric with elastic insets and drawstring / Zip fly / 2 front pockets with zip / 2 back pockets with zip / Hammer loop / Double reinforced crotch seam / 2 leg pockets, one with mobile phone pocket / Elastic ribbon at leg end / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 250 g/m². **COLOUR** 940 Black. **SIZE** XS-4XL.



STRETCH  
MATERIAL  
WITH MESH  
VENTILATION



982



Combine  
with shorts  
see page 20



940



## FRIWEAR CRAFTSMAN TIGHTS 2570 STR

Article no 129491

Moisture-wicking / Quick drying / Breathable / Elasticated waistband / Mesh ventilation at back yoke and knee / Fully fashion knitted CORDURA® knee pockets with outside opening / Height adjustment for knee pads in knee pocket / Reflective details at knees / Zipper at the bottom of leg / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** Colour 940: 80% polyamide, 20% elastane. Colour 982: 78% polyester, 22% elastane. **WEIGHT** Colour 940: 225 g/m². Colour 982: 190 g/m². **COLOUR** 940 Black, 982 Black/Hi-Vis Yellow. **SIZE** XS-4XL.







# Flexible comfort with stretch panels

These trousers have large panels of extremely stretchable material where it's needed the most, which provide considerable freedom of movement and comfort. The main material is our CYD cotton/polyester.



SMARTSON, an independent testing institute, conducted a survey among craftsmen in Sweden. The trousers were tested by 47 professionals over a period of one month. The users were then asked if they wanted to recommend the trousers to others. 98% of the participants recommended our stretch trousers. Read more about the test on fristads.com

4-WAY  
STRETCH PANELS



**CORE**

COLOUR 540, 940  
SEE PAGE 9



SEE PAGE 225

All functions  
see page 224

540 940 969



896



## CRAFTSMAN STRETCH TROUSERS 2530 CYD

Article no 121314

4-way stretch panels at front, back and legs / 2 CORDURA® reinforced loose-hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket and tool loops / 2 bellowed front pockets / 2 side pockets, one with zip / 2 CORDURA®-reinforced back pockets with loose bottom, one with flap and velcro fastening / D-ring under loose-hanging pocket / Double reinforced crotch seam / Hammer loop / Folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket and water-resistant zip pocket / Pre-shaped knees / CORDURA®-reinforced knee pockets with outside opening from above / Height adjustment for knee pads in knee pocket / Reflective piping at back leg / CORDURA®-reinforced leg end, adjustable with snap fastening / Pockets reinforced with metallic rivets at stress points / Contrast seams / Approved according to EN 14404 together with kneepads 124292.

**MATERIAL** 60% cotton, 40% polyester. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 330 g/m². Stretch fabric 250 g/m². **COLOUR** 540 Dark Navy, 896 Grey/Black, 940 Black, 969 White/Black. **SIZE** C44-C62, C146-C156, D84-D120.



4-WAY  
STRETCH PANELS



SEE PAGE 225

**CORE**

SEE PAGE 9

Combine with tights  
see page 25



940



## CRAFTSMAN STRETCH SHORTS 2532 CYD

Article no 126528

4-way stretch panels at front, back and legs / 2 CORDURA® reinforced loose-hanging pockets, 1 with 3 smaller pockets and tool loops, 1 with extra pocket and tool loops / 2 bellowed front pockets / 2 side pockets, 1 with zip / D-ring under loose-hanging pocket / 2 CORDURA® reinforced back pockets with loose bottom, 1 with flap and velcro fastening / Double reinforced crotch seam / Hammer loop / Folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Multifunction leg pocket with mobile phone pocket, ID-card pocket and water resistant zip pocket / Pockets reinforced with metallic rivets at stress points / Contrast seams / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 330 g/m², stretch fabric 250 g/m². **COLOUR** 940 Black. **SIZE** C44-C62.



4-WAY  
STRETCH PANELS



## STRETCH PIRATE TROUSERS 2531 CYD

Article no 126527

4-way stretch panels at front, back and legs / 2 CORDURA® reinforced loose-hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket and tool loops / 2 bellowed front pockets / 2 side pockets, one with zip / D-ring under loose-hanging pocket / 2 CORDURA®-reinforced back pockets with loose bottom, one with flap and velcro fastening / Double reinforced crotch seam / Hammer loop / Folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket and water-resistant zip pocket / Pre-shaped knees / CORDURA®-reinforced knee pockets with outside opening from above / Height adjustment for knee pads in knee pocket / Reflective piping at back leg / Pockets reinforced with metallic rivets at stress points / Contrast seams / Approved according to EN 14404 together with kneepads 124292.

**MATERIAL** 60% cotton, 40% polyester. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 330 g/m², stretch fabric 250 g/m². **COLOUR** 940 Black. **SIZE** C44-C62, D84-D120.



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**SOFTSHELL STRETCH JACKET 4905 SSF**  
Art no 120962> Page 128

# What's your denim style?

Our history with denim goes back nearly 100 years but this is a material that never gets old. We have classic denim trousers made of 100% cotton as well contemporary stretch denim trousers with the extra strength from CORDURA®. Pure denim trousers come in a more traditional style and only get more comfortable with time, whereas our stretch denim trousers offer superior freedom of movement from day one. Whatever you choose, you can't go wrong with our denim workwear.



Stretch jeans  
see page 91

4-WAY FULL  
STRETCH WITH  
CORDURA®



545

## CRAFTSMAN DENIM STRETCH TROUSERS 2131 DCS

Article no 124152

CORDURA® denim 4-way stretch / 2 CORDURA®-reinforced loose-hanging pockets, one with 3 smaller pockets and tool loop, the other with zip pocket / 2 bellowed front pockets / 2 CORDURA®-reinforced back pockets with loose bottom, one with flap and velcro fastening / D-ring under loose-hanging pocket / Hammer loop / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket, zip pocket and large pocket with snap fastening / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg end, adjustable with snap fastening / Reflective piping at leg ends / Pockets reinforced with metallic rivets at stress points / Contrast seams / Approved according to EN 14404 together with kneepad art no 124292 / OEKO-TEX® certified.

**MATERIAL** 73% cotton, 17% polyamide, 8% elastomultiester, 2% elastane. **WEIGHT** 322 g/m². **COLOUR** 545 Indigo Blue, 940 Black. **SIZE** C44-C62, C146-C156, D84-D120.



DURABLE  
COTTON DENIM

Stretch jeans  
see page 91

Discontinued article.  
Available while stock lasts.



545

DURABLE  
COTTON DENIM



545



## DENIM TROUSERS 273 DY

Article no 100264

2 front pockets, 1 with coin pocket / 2 back pockets / Leg pocket with zip / Multifunction pocket with folding rule pocket, pen pocket and mobile phone pocket with flap and velcro fastening / OEKO-TEX® certified.

**MATERIAL** 100% cotton denim, unwashed. **WEIGHT** 390 g/m². **COLOUR** 545 Indigo Blue. **SIZE** C44-C62, C146-C156, D92-D120



## CRAFTSMAN DENIM TROUSERS 229 DY

Article no 100262

2 CORDURA®-reinforced loose-hanging pockets, one with 3 small pockets, the other with extra pocket / 2 front pockets / 2 extra wide lined back pockets / 2 hammer loops / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with tool pocket, pen pocket and button and loop for sheath knife / Multifunction leg pocket with mobile phone pocket with flap and velcro fastening, zip pocket and ID-card pocket / Pre-shaped knees / CORDURA®-reinforced knee pockets / Height adjustment for knee pads in knee pocket / Reflective details at back of knees / CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 100% cotton denim, unwashed. Reinforcements 100% polyamide. **WEIGHT** 390 g/m². **COLOUR** 545 Indigo Blue, 940 Black. **SIZE** C44-C60, C146-C156, D92-D120.





# The best comfort at work with the right fit, design and quality

The popular garments in this collection are made of our CYD material and have the perfect mix of high durability, thoughtful design and great fit. CYD consists of 60% cotton and 40% polyester and is both comfortable to wear and colour fast, even after many washes. Choose between a wide range of models and styles to fit both your profession and the season.

**CORE**

COLOUR 540, 940  
SEE PAGE 9



SEE PAGE 226



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## CRAFTSMAN TROUSERS 2122 CYD

Article no 110313

2 CORDURA®-reinforced loose-hanging pockets, one with 2 pockets whereof one with zip, one with 3 smaller pockets and tool loop / 2 front pockets / 2 CORDURA®-reinforced back pockets with loose bottom, one with flap and velcro fastening / D-ring at belt loop / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with tool pocket, pen holder, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket, zip pocket and large pocket with snap fastening / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg end, adjustable with snap fastening / Reflective piping at leg ends / Pockets reinforced with metallic rivets at stress points / Contrast seams / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. **WEIGHT** 330 g/m². **COLOUR** 540 Dark Navy, 900 White, 940 Black, 941 Dark Grey. **SIZE** C44-C62, C146-C156, D84-D120.



**NEW**



940



196



## HIGH VIS CRAFTSMAN TROUSERS CLASS 1 2127 CYD

Article no 122191

2 CORDURA®-reinforced loose-hanging pockets, one with 3 smaller pockets and tool loop, the other with zip pocket / 2 bellowed front pockets / D-ring under loose-hanging pocket / 2 CORDURA®-reinforced back pockets with loose bottom, one with flap and velcro fastening / Double reinforced crotch seam / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Multifunction leg pocket with mobile phone pocket, ID-card pocket and zip pocket / Pockets reinforced with metallic rivets at stress points / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg end, adjustable with plastic snap fastening / Contrast seams / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. Other material 80% polyester, 20% cotton. **WEIGHT** 330 g/m², other material 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Black, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Black, 396 Hi-Vis Red/Black. **SIZE** C44-C62, C146-C156, D84-D120. 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black C44-C62, C146-C156, D92-D116.



## BIB'N'BRACE 1122 CYD

Article no 116726

Adjustable elasticated braces / Chest pocket with flap and concealed snap fastening, mobile phone pocket and pen pocket / Adjustable waist with buttons / 2 CORDURA®-reinforced loose-hanging pockets, one with 2 pockets whereof one with zip, one with 3 smaller pockets and tool loop / 2 front pockets / 2 CORDURA®-reinforced back pockets with loose bottom, one with flap and velcro fastening / D-ring at belt loop / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with tool pocket, pen holder, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket, zip pocket and large pocket with snap fastening / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg end, adjustable with snap fastening / Reflective piping at leg ends / Pockets reinforced with metallic rivets at stress points / Contrast seams / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. **WEIGHT** 330 g/m². **COLOUR** 940 Black. **SIZE** C44-C62, C146-C156, D92-D120



## CORE

COLOUR 940  
SEE PAGE 9



540



540



940



### CRAFTSMAN SHORTS 2102 CYD

Article no 116701

2 loose-hanging CORDURA®-reinforced pockets, one with 2 pockets whereof one with zip, one with 3 smaller pockets and tool loop / 2 front pockets / 2 CORDURA®-reinforced back pockets with loose bottom, one with flap and velcro fastening / D-ring at belt loop / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with tool pocket, pen holder, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket, zip pocket and large pocket with snap fastening / Pockets reinforced with metallic rivets at stress points / Contrast seams / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. **WEIGHT** 330 g/m². **COLOUR** 540 Dark Navy, 900 White, 940 Black, 941 Dark Grey. **SIZE** C44-C62



### WAISTCOAT 5905 CYD

Article no 121315

Ventilating mesh panels at shoulders and at back / Adjustable width at front closure with extra zip / 2 vertical chest pockets with zippers / 2 bellowed chest pockets, one with flap and velcro closure, concealed D-ring, the other with 2 pen pockets and tool loops / Button and loop for sheath knife / 2 loose-hanging CORDURA®-reinforced pockets, one with 3 small pockets and tool loops, the other with tool pocket and tool loops, pockets can be attached at inside with snap fastening / 2 loose-hanging CORDURA®-reinforced back pockets with reflective tape, one with extra tool pocket / Loose-hanging pockets reinforced with metallic rivets at stress points / Belt loops / Extended back / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. Mesh 100% polyester. Pockets exposed to wear and tear reinforced with 100% polyamide. **WEIGHT** 330 g/m², mesh 295 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-3XL



540



540

941



940



### TROUSERS 2123 CYD

Article no 110327

2 front pockets / 2 CORDURA®-reinforced back pockets with loose bottom, one with flap and velcro fastening / D-ring at belt loop / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with tool pocket, pen holder, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket, zip pocket and large pocket with snap fastener / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg end, adjustable with snap fasteners / Reflective piping at leg ends / Pockets reinforced with metallic rivets at stress points / Contrast seams / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. **WEIGHT** 330 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** C44-C62, C146-C156, D92-D120.



### CRAFTSMAN PIRATE TROUSERS 2124 CYD

Article no 110316

2 loose-hanging CORDURA®-reinforced pockets, one with 2 pockets whereof one with zip, one with 3 smaller pockets and tool loop / 2 front pockets / 2 CORDURA®-reinforced back pockets with loose bottom, one with flap and velcro fastening / D-ring at belt loop / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with tool pocket, pen holder, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket, zip pocket and large pocket with snap fastening / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Rounded shape at back of leg ends / Reflective piping at leg ends / Pockets reinforced with metallic rivets at stress points / Contrast seams / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. **WEIGHT** 330 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** C44-C62, D84-D120







# Green craftsmen

Clean design and conscious material choices – Green is a collection characterised by environmental awareness and innovation to minimise the footprint on the environment.

Read more on [fristads.com](http://fristads.com).



By setting a standard for measuring environmental impact (EPD) which the entire textile industry can use, we want to contribute to change and greater transparency with regard to environmental impact. Read more on [fristads.com](http://fristads.com) and at [www.environdec.com](http://www.environdec.com).

**GREEN T-SHIRT 7988 GOT**  
Art no 131159> Page 64

SUSTAINABLE  
RECYCLED  
MATERIAL



Comfort pads for elbows are included



896



## GREEN CRAFTSMAN JACKET 4538 GRN

Article no 130513

Part of Fristads Green collection / CORDURA®-reinforced sleeves and lower part of front / Comfort pads for elbows included / Stand collar / Raglan sleeves / Full length concealed front zip / 2 chest pockets with flap / Inner pocket with button fastening / 2 front pockets with flap / Pockets at elbows for comfort pads / Adjustable sleeve end / Zip in lining to make embroidery and transfer easier / e.dye® / With EPD (Environmental Product Declaration) – registration number 1534 at [environdec.com](http://environdec.com) / OEKO-TEX® certified.

**MATERIAL** 65% recycled polyester, 35% cotton. **WEIGHT** 360 g/m². **COLOUR** 896 Grey/Black. **SIZE** XS-4XL.



SUSTAINABLE  
RECYCLED  
MATERIAL



896



## GREEN CRAFTSMAN SHORTS 2690 GRN

Article no 130018

Part of Fristads Green collection / CORDURA®-reinforced loose hanging pockets, one with 3 smaller pockets, tool loops and D-ring, the other with extra pocket / 2 front pockets / 2 back pockets with flap / Hammer loop / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with button and loop for sheath knife / Thigh pocket with flap / Screw buttons in raw metal / e.dye® / With EPD (Environmental Product Declaration) – registration number 1700 at [environdec.com](http://environdec.com) / OEKO-TEX® certified.

**MATERIAL** 65% recycled polyester, 35% cotton. **WEIGHT** 360 g/m². **COLOUR** 896 Grey/Black. **SIZE** C44-C66.



SUSTAINABLE  
RECYCLED  
MATERIAL



Comfort pads for knees are included



896



## GREEN CRAFTSMAN TROUSERS 2538 GRN

Article no 129663

Part of Fristads Green collection / Comfort pads for knees included / CORDURA®-reinforced loose hanging pockets, one with 3 smaller pockets, tool loops and D-ring, the other with extra pocket / 2 front pockets / 2 back pockets with flap / Hammer loop / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with button and loop for sheath knife / Thigh pocket with flap / CORDURA®-reinforced knee pockets with outside opening from above / Height adjustment for knee pads in knee pocket / Screw buttons in raw metal / Approved according to EN 14404 together with kneepads 124292 / e.dye® / With EPD (Environmental Product Declaration) – registration number 1536 at [environdec.com](http://environdec.com) / OEKO-TEX® certified.

**MATERIAL** 65% recycled polyester, 35% cotton. **WEIGHT** 360 g/m². **COLOUR** 896 Grey/Black. **SIZE** C44-C66, C146-C156, D84-D120.



# FAS<sup>®</sup> cotton with stretch panels

The new generation of Fristads FAS craftsman trousers features stretch panels and contemporary fit. The combination of very durable cotton together with highly elastic stretch panels gives these trousers an excellent fit and high level of comfort. Our wide collection of FAS<sup>®</sup> garments is presented on pages 34-39.



4-WAY  
STRETCH PANELS



171



196



## HIGH VIS CRAFTSMAN STRETCH TROUSERS CLASS 1 2608 FASG Article no 132849

Rib-knit stretch panels at waist / Thigh panels of 4-way stretch material / 2 CORDURA<sup>®</sup>-reinforced loose hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket / 2 front pockets / Side pocket with zip / 2 back pockets / Hammer loop / Double reinforced crotch seam / CORDURA<sup>®</sup>-reinforced folding rule pocket with button and loop for sheath knife / Leg pocket with zip and D-ring / CORDURA<sup>®</sup>-reinforced knee pockets with outside opening / Height adjustment for knee pads in knee pocket / CORDURA<sup>®</sup>-reinforced leg end / 3-needle stitching / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / OEKO-TEX<sup>®</sup> certified.

**MATERIAL** 100% cotton. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 375 g/m<sup>2</sup>, stretch fabric 250 g/m<sup>2</sup>. **COLOUR** 171 Hi-Vis Yellow/ Navy, 196 Hi-Vis Yellow/ Black **SIZE** C44-C66, C146-C156, D84-D120.



4-WAY  
STRETCH PANELS



SEE PAGE 227

**CORE**

COLOUR 940  
SEE PAGE 9



541

940



796



## CRAFTSMAN STRETCH TROUSERS 2604 FASG Article no 129474

Rib-knit stretch panels at waist / Thigh panels of 4-way stretch material / 2 CORDURA<sup>®</sup>-reinforced loose hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket / 2 front pockets / Side pocket with zip / 2 back pockets / Hammer loop / Double reinforced crotch seam / CORDURA<sup>®</sup>-reinforced folding rule pocket with button and loop for sheath knife / Leg pocket with zip and D-ring / CORDURA<sup>®</sup>-reinforced knee pockets with outside opening / Height adjustment for knee pads in knee pocket / CORDURA<sup>®</sup>-reinforced leg end / 3-needle stitching / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX<sup>®</sup> certified.

**MATERIAL** 100% cotton. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 375 g/m<sup>2</sup>. Stretch fabric 250 g/m<sup>2</sup>. **COLOUR** 541 Blue, 796 Army Green/Black, 940 Black. **SIZE** C44-C62, C146-C156, D84-D120.



4-WAY  
STRETCH PANELS



541



940



## CRAFTSMAN STRETCH SHORTS 2607 FASG Article no 130310

Rib-knit stretch panels at waist / Thigh panels of 4-way stretch material / 2 CORDURA<sup>®</sup>-reinforced loose hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket / 2 front pockets / Side pocket with zip / 2 back pockets / Hammer loop / Double reinforced crotch seam / CORDURA<sup>®</sup>-reinforced folding rule pocket with button and loop for sheath knife / Leg pocket with zip and D-ring / 3-needle stitching / OEKO-TEX<sup>®</sup> certified.

**MATERIAL** 100% cotton. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 375 g/m<sup>2</sup>, stretch fabric 250 g/m<sup>2</sup>. **COLOUR** 541 Blue, 940 Black. **SIZE** C44-C62.





# FAS® cotton

FAS is Fristads' best 100% cotton twill. Fabric cannot be more impermeable than this. When it comes to durability, which includes abrasion, tearing and strength, FAS® is simply superior. Fantastic comfort and tried and tested durability. A classic that goes back 70 years.



**GORE-TEX SHELL JACKET 4864 GXP**  
Art no 131287> Page 118

**HIGH VIS CRAFTSMAN STRETCH TROUSERS  
CLASS 1 2608 FASG**  
Art no 132849> Page 33, 155

**SWEAT JACKET WOMAN 7512 DF**  
Art no 127715> Page 236

**ACODE STRETCH T-SHIRT WOMAN 1926 ELA**  
Art no 124215> Page 239

**CRAFTSMAN STRETCH TROUSERS WOMAN 2605 FASG**  
Art no 129868> Page 227

**SWEAT JACKET 7052 SMP**  
Art no 125026> Page 56

**CRAFTSMAN TROUSERS 255K FAS**  
Art no 100282> Page 35

REINFORCED  
SHOULDERS



940



541



### JACKET 451 FAS

Article no 100304

CORDURA®-reinforced shoulders / Concealed ventilating mesh at back / Front placket opening with zip to top of collar and concealed snap fastening / 2 chest pockets with flap and button, one with button and loop for sheath knife, the other with tool loops / 2 front pockets with concealed snap fastening / Front pocket with zip / Inside pocket with button / Inside mobile phone pocket / Sleeve pocket / Concealed ID-card pocket on sleeve / Adjustable cuffs and hem / OEKO-TEX® certified.

**MATERIAL** FAS®, Fristads best twill, 100% cotton. **WEIGHT** 375 g/m². **COLOUR** 541 Blue, 940 Black. **SIZE** XS-3XL.



ENHANCED  
VISIBILITY



541



### JACKET 447 FAS

Article no 100303

Yellow shoulder panel and reflective tape at shoulders, sleeves and back for increased visibility / Front placket opening with zip to top of collar and concealed snap fastening / 2 chest pockets with flap and snap fastening, one with tool loops, the other with button and loop for sheath knife / 2 front pockets with snap fastening / Inside mobile phone pocket / Inside pocket with button / Sleeve pocket / Concealed ID-card pocket on sleeve / Ventilated back / Adjustable cuffs and hem / OEKO-TEX® certified.

**MATERIAL** FAS®, Fristads best twill, 100% cotton. **WEIGHT** 375 g/m². **COLOUR** 541 Blue, 940 Black. **SIZE** XS-3XL.



BUILDING & CONSTRUCTION

CORE

COLOUR 541, 940  
SEE PAGE 9



SEE PAGE 226

940



541



### CRAFTSMAN TROUSERS 255K FAS

Article no 100282

2 tuckable, CORDURA®-reinforced loose-hanging pockets, one with 3 small pockets and tool loops, the other with extra pocket / 2 large front and back pockets / D-ring / 2 hammer loops, one adjustable / CORDURA®-reinforced folding rule pocket with pen pocket and button and loop for sheath knife / Leg pocket with flap, mobile phone pocket and concealed ID card pocket / CORDURA®-reinforced knee pockets with outside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** FAS®, Fristads best twill, 100% cotton. Pockets exposed to wear and tear reinforced with 100% polyamide. **WEIGHT** 375 g/m². **COLOUR** 541 Blue, 940 Black. **SIZE** 541 Blue C44-C64, C144-C156, D84-D128. 940 Black C44-C60, C144-C156, D84-D120.



CORE

COLOUR 541, 940  
SEE PAGE 9

396

541



940



### HIGH VIS CRAFTSMAN TROUSERS CLASS 1 247 FAS

Article no 100279

2 tuckable CORDURA®-reinforced loose-hanging front pockets, one with extra pocket, the other with 3 pockets and tool loops / 2 bellowed front and back pockets / 2 D-rings / 2 Hammer loops / Folding rule pocket in CORDURA® over side seam with tool pocket, pen pocket and 2 buttons and loops for sheath knife / Leg pocket with flap and snap fastening, phone pocket with flap and velcro fastening, concealed ID-card holder / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / OEKO-TEX® certified.

**MATERIAL** FAS®, Fristads best twill, 100% cotton. Fluorescent material in 80% polyester, 20% cotton, dirt, oil and water repellent. Reinforcement in 100% polyamide. **WEIGHT** 375 g/m². **COLOUR** 396 Hi-Vis Red/Black, 541 Blue, 940 Black **SIZE** C44-C60, C146-C156, D84-D120.







940



### WAISTCOAT 511 FAS

Article no 100309

Front zip / 2 loose-hanging chest pockets with snap fastening, one with flap and D-ring, the other with button, pen pocket and mobile phone pocket with flap / Buttons and loops for sheath knife / Front pockets / 2 CORDURA®-reinforced loose-hanging front pockets, one with extra pocket, the other with 3 small pockets and tool loops / 2 CORDURA®-reinforced loose-hanging back pockets with extra tool pocket / 2 hammer loops, one adjustable / Belt loops / Extended back / OEKO-TEX® certified.

**MATERIAL** FAS®, Fristads best twill, 100% cotton. Pockets exposed to wear and tear reinforced with 100% polyamide. **WEIGHT** 375 g/m². **COLOUR** 940 Black. **SIZE** S-2XL.



940



### CRAFTSMAN PIRATE TROUSERS 283 FAS

Article no 100291

2 tuckable, CORDURA®-reinforced loose-hanging pockets, one with 3 small pockets and tool loops, the other with extra pocket / 2 bellowed front and back pockets / 2 D-rings / 2 hammer loops / CORDURA® reinforced folding rule pocket over side seam with tool pocket, pen pocket, button and loop for sheath knife / Multifunction leg pocket with flap and snap fastening, phone pocket and concealed ID-card pocket / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** FAS®, Fristads best twill, 100% cotton. Knees reinforced with 100% polyamide. **WEIGHT** 375 g/m². **COLOUR** 940 Black. **SIZE** C44-C62, D84-D120.



940



541



### BIB'N'BRACE 51 FAS

Article no 100310

Adjustable braces with elastic part / Two-way zip at front / 2 chest pockets with pen pocket and 2 buttons and loops for sheath knife / 2 tuckable, CORDURA® reinforced loose-hanging pockets, one with extra pocket, the other with 3 small pockets and tool loops / 2 large front and back pockets / 2 hammer loops, one adjustable / Folding rule pocket with pen pocket and button and loop for sheath knife / Leg pocket with mobile phone pocket and concealed ID card pocket / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** FAS®, Fristads best twill, 100% cotton. Pockets exposed to wear and tear reinforced with 100% polyamide. **WEIGHT** 375 g/m². **COLOUR** 541 Blue, 940 Black. **SIZE** C44-C60, C146-C156, D92-D132.



Pocket for carpet fitters  
Add SNIKKI knife holder  
see page 49



941



### CRAFTSMAN TROUSERS 265K FAS

Article no 100286

2 tuckable, CORDURA®-reinforced loose-hanging pockets, one with 3 small pockets and tool loops, the other with extra pocket / 2 large front and back pockets / 2 hammer loops, one adjustable / CORDURA®-reinforced folding rule pocket with pen pocket and button and loop for sheath knife / Leg pocket with flap, mobile phone pocket and concealed ID card pocket / Pocket for floor layers knife / CORDURA®-reinforced knee pockets with outside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** FAS®, Fristads best twill, 100% cotton. Pockets exposed to wear and tear reinforced with 100% polyamide. **WEIGHT** 375 g/m². **COLOUR** 941 Dark Grey. **SIZE** C44-C60, C146-C156, D96-D120.





940



541



### CRAFTSMAN SHORTS 275 FAS

Article no 100288

2 tuckable, CORDURA®-reinforced loose-hanging pockets, one with 3 small pockets and tool pocket, the other with extra pocket / ID-card pocket behind loose-hanging pocket / 2 front and back pockets / D-ring / Hammer loop / 2 folding rule pockets, one with pen pocket and button and loop for sheath knife, the other with mobile phone pocket / OEKO-TEX® certified.

**MATERIAL** FAS®, Fristads best twill, 100% cotton. **WEIGHT** 375 g/m². **COLOUR** 541 Blue, 940 Black. **SIZE** C44-C62.



941



940



### CRAFTSMAN SHORTS 201 FAS

Article no 100276

2 CORDURA®-reinforced loose-hanging, tuckable front pockets, one with extra pocket, the other with 3 small pockets and tool loops / D-ring / 2 hammer loops / 2 side pockets / 2 large back pockets / Folding rule pocket over side seam with pen pocket and button and loop for sheath knife / Leg pocket with flap and snap fastening, mobile phone pocket with flap and concealed ID-card pocket / OEKO-TEX® certified.

**MATERIAL** FAS®, Fristads best twill, 100% cotton. **WEIGHT** 375 g/m². **COLOUR** 940 Black, 941 Dark Grey. **SIZE** C44-C62.



941



940



### CRAFTSMAN TROUSERS 288 FAS

Article no 100293

2 tuckable, CORDURA®-reinforced loose-hanging pockets, one with extra pocket, the other with 3 small pockets and tool loops / 2 side pockets / 2 large, CORDURA®-reinforced back pockets / D-ring / 2 hammer loops / Folding rule pocket over sideseam with pen pocket and button and loop for sheath knife / Leg pocket with flap and snap fastening, mobile phone pocket with flap and concealed ID-card pocket / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** FAS®, Fristads best twill, 100% cotton. Reinforcements in 100% polyamide. **WEIGHT** 375 g/m². **COLOUR** 940 Black, 941 Dark Grey. **SIZE** C44-C62, C146-C156, D92-D120.





# PS25 – comfortable mechanical stretch

Our PS25 collection provides extra comfort at work because the material has a mechanical stretch and can be stretched a bit along its width. The fabric is made of durable 65% polyester and 35% cotton with a soft brushed inside for increased comfort. All garments are approved for industrial laundry.

**CORE**

SEE PAGE 9



Size D is discontinued.  
Available while stock lasts



940



EN 14404



**PRO**

## CRAFTSMAN TROUSERS 241 PS25

Article no 100544

Mechanical stretch fabric / 2 tuckable, CORDURA®-reinforced loose-hanging pockets, one with 3 small pockets and tool loops and the other with extra pocket / 2 front pockets / 2 CORDURA®-reinforced bellowed back pockets / D-ring / Hammer loop / Folding rule pocket with pen pocket, tool pocket and button and loop for sheath knife / Leg pocket with flap and snap fastening, phone pocket with flap and velcro fastening and ID-card pocket / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton, mechanical stretch, brushed inside. **WEIGHT** 290 g/m². **COLOUR** 210 Khaki, 539 True Navy, 930 Grey, 940 Black. **SIZE** C44-C66, C146-C156, D96-D120.



Size D is discontinued.  
Available while stock lasts



539

**CORE**

COLOUR 896  
SEE PAGE 9



896



940



EN 14404



**PRO**

## BIB'N'BRACE 41 PS25

Article no 100548

Mechanical stretch fabric / Adjustable braces with elastic part / Two-way zip / 2 loose-hanging chest pockets with snap fastening, one with D-ring, the other with pen pockets and button and loop for sheath knife / 2 CORDURA®-reinforced, tuckable, loose-hanging pockets, one with extra pocket, the other with 3 smaller pockets and tool loops / 2 front pockets / 2 CORDURA®-reinforced bellowed back pockets / 2 hammer loops, one adjustable / Folding rule pocket with tool pocket, pen pocket and button and loop for sheath knife / Leg pocket with flap and snap fastening, phone pocket and concealed ID-card pocket / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton, mechanical stretch, brushed inside. **WEIGHT** 290 g/m². **COLOUR** 210 Khaki, 539 True Navy, 930 Grey, 940 Black. **SIZE** C44-C66, C146-C156, D96-D120.



## CRAFTSMAN TROUSERS 288 PS25

Article no 100547

Mechanical stretch fabric / 2 tuckable, CORDURA®-reinforced loose-hanging pockets, one with 3 small pockets and tool loops and the other with extra pocket / 2 side pockets / 2 CORDURA®-reinforced back pockets / D-ring / 2 hammer loops / CORDURA®-reinforced folding rule pocket with pen pocket, tool pocket and button and loop for sheath knife / Leg pocket with flap and snap fastening, phone pocket with flap and velcro fastening and ID-card pocket / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton, mechanical stretch, brushed inside. **WEIGHT** 290 g/m². **COLOUR** 896 Grey/Black, 940 Black. **SIZE** C44-C66, C146-C156, D92-D120.



# Trousers with mesh ventilation

## Perfect for warm environments

Functional workwear with high "breathability". Strategically placed ventilation mesh lets out excess heat. A perfect solution when working in high-temperature environments, outdoors as well as indoors.

Mesh ventilation at back yoke

Mesh ventilation at back knee



LIGHTWEIGHT  
DURABLE  
RIPSTOP  
MATERIAL



171



196



### HIGH VIS CRAFTSMAN TROUSERS CLASS 1 2093 NYC Article no 114026

Mesh ventilation at back yoke and knees / 2 loose-hanging CORDURA®-reinforced pockets, one with zip pocket, the other with 3 smaller pockets and tool loop / 2 front pockets / 2 slanted back pockets / D-ring at front and back / Wide belt loop at mid back / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with pen holder, 2 buttons and loops for sheath knives / Multifunction leg pocket with phone pocket, ID-card pocket and large inside pocket with snap fastening / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg ends adjustable with snap fastenings / Pockets reinforced with metallic rivets at stress points / Approved according to EN ISO 20471 class 1 and EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 50% cotton 50% polyamide. Fluorescent material in 70% polyester, 30% cotton, dirt, oil and water repellent, mesh in 100% polyester. Reinforcement in 100% polyamide. **WEIGHT** 240 g/m². **COLOUR** 171 Hi-Vis Yellow/Black, 196 Hi-Vis Yellow/Black. **SIZE** C44-C62, C146-C156, D92-D120.



WATER  
REPELLENT



940

CORE

COLOUR 996  
SEE PAGE 9



896

982

996



### CRAFTSMAN TROUSERS 255K AD Article no 100082

2 tuckable, loose-hanging pockets, one with 3 small pockets and tool loops, one with extra pocket / 2 large front pockets / 2 back pockets / 2 hammer loops, one adjustable / Folding rule pocket with pen pocket and button and loop for sheath knife / Leg pocket with flap, phone pocket with outside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** Polydex, 100% polyester, brushed inside. Knee pockets in 100% polyamide. **WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** C44-C60, C146-C156, D92-D116.



PRO

### CRAFTSMAN TROUSERS 2595 STFP Article no 131123

Mechanical stretch fabric / Dark grey reflective details / Concealed front button / 2 loose-hanging pockets, 1 with 3 smaller pockets and tool loop and 1 with one extra pocket / 2 front pockets / 2 back pockets / Double crotch seam / Folding rule pocket with tool pocket, pen pocket and button and loop for sheath knife / 2 thigh pockets / Leg pocket with flap and velcro fastening, mobile phone pocket and extra pocket with flap and velcro fastening, D-ring under flap / CORDURA® reinforced knee pockets with outside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / RFID chip can be added as a VAS solution.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 260 g/m². **COLOUR** 896 Grey/Black, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** C44-C62, D84-D120, C146-C156.





# Painter and bricklayer

A collection designed, tested and selected for painters and bricklayers. The right functions and pockets combined with comfortable and hardwearing qualities.



4-WAY  
STRETCH PANELS



969



## CRAFTSMAN STRETCH TROUSERS 2530 CYD

Article no 121314

4-way stretch panels at front, back and legs / 2 CORDURA® reinforced loose-hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket and tool loops / 2 bellowed front pockets / 2 side pockets, one with zip / 2 CORDURA®-reinforced back pockets with loose bottom, one with flap and velcro fastening / D-ring under loose-hanging pocket / Double reinforced crotch seam / Hammer loop / Folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket and water-resistant zip pocket / Pre-shaped knees / CORDURA®-reinforced knee pockets with outside opening from above / Height adjustment for knee pads in knee pocket / Reflective piping at back leg / CORDURA®-reinforced leg end, adjustable with snap fastening / Pockets reinforced with metallic rivets at stress points / Contrast seams / Approved according to EN 14404 together with kneepads 124292.

**MATERIAL** 60% cotton, 40% polyester. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 330 g/m². Stretch fabric 250 g/m². **COLOUR** 540 Dark Navy, 896 Grey/Black, 940 Black, 969 White/Black. **SIZE** C44-C62, C146-C156, D84-D120.



More colours  
see page 30



900



## CRAFTSMAN TROUSERS 2122 CYD

Article no 110313

2 loose-hanging CORDURA®-reinforced pockets, one with 2 pockets whereof one with zip, one with 3 smaller pockets and tool loop / 2 front pockets / 2 CORDURA®-reinforced slanting back pockets / D-ring at belt loop / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with tool pocket, pen holder, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket, zip pocket and large pocket with snap fastening / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg end, adjustable with snap fastening / Reflective piping at leg ends / Pockets reinforced with metallic rivets at stress points / Contrast seams / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. **WEIGHT** 330 g/m². **COLOUR** 540 Dark Navy, 900 White, 940 Black, 941 Dark Grey. **SIZE** C44-C62, C146-C156, D84-D120.



100%  
COTTON

**CORE**

SEE PAGE 9



SEE PAGE 226



900



## CRAFTSMAN COTTON TROUSERS 258 BM

Article no 100120

2 CORDURA®-reinforced loose-hanging pockets, one with extra pocket, one with 3 small pockets / 2 large front pockets / 2 large, CORDURA®-reinforced back pockets / D-ring / Hammer loop / Folding rule pocket over side seam with tool holder and pen pocket / Button and loop for sheath knife / Leg pocket with flap with extra pocket with concealed ID-card pocket / Mobile phone pocket with flap / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 100% cotton twill. **WEIGHT** 300 g/m². **COLOUR** 900 White. **SIZE** C44-C60, C146-C156, D92-D116.



100%  
COTTON



900



## COTTON TROUSERS 268 BM

Article no 100122

2 side pockets / 2 large, CORDURA®-reinforced back pockets / D-ring / Hammer loop / Folding rule pocket over side seam with tool holder and pen pocket / Button and loop for sheath knife / Leg pocket with flap and extra pocket with concealed ID-card pocket / Mobile phone pocket with flap / Pre-shaped knees / CORDURA®-reinforced knee pocket with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 100% cotton twill. **WEIGHT** 300 g/m². **COLOUR** 900 White. **SIZE** C44-C60, C146-C156, D92-D116.







**SWEATSHIRT 7091 MELA**  
Art no 133278> Page 55

**HOODED SOFTSHELL JACKET 7461 BON**  
Art no 129475> Page 128

**SWEAT JACKET WOMAN 7512 DF**  
Art no 127715> Page 236

**CRAFTSMAN STRETCH TROUSERS 2596 LWS**  
Art no 133443> Page 24

**CRAFTSMAN STRETCH TROUSERS 2566 STP**  
Art no 129487> Page 20

**CRAFTSMAN STRETCH TROUSERS WOMAN 2533 CYD**  
Art no 127670> Page 225

## CORE

SEE PAGE 9

Read more  
on page 253



EN 14404

### KNEE PROTECTION 9200 KP

Article no 124292

Front shield protects from penetration / Lightweight / Very flexible / Thickness 20 mm / Width 160 mm / Length 245 mm / Approved according to EN 14404 type 2 level 1 and EN 11612 A1 in combination with Fristads flame protective assortment / Sold in pairs.

**MATERIAL** Front 100% LDPE. Back 100% Ethylene Vinyl Acetate 50. **COLOUR** 896 Grey/Black. **SIZE** One size.



896

## CORE

SEE PAGE 9



EN 14404

### KNEE PROTECTION 9395 KP

Article no 110107

Lightweight / Very flexible / 2-coloured / Thickness 20 mm / Width 160 mm / Length 245 mm / Approved according to EN 14404 type 2 level 0 / Sold in pairs / OEKO-TEX® certified.

**MATERIAL** 100% Ethylene Vinyl Acetate. **COLOUR** 576 Navy/Royal Blue. **SIZE** One size.



576

FOR KNEELING  
WORK DURING  
LONG PERIODS

### KNEE PADS 955 KS

Article no 100392

Extra durable, for kneeling work over long periods / Thickness 25 mm / Width 150 mm / Length 240 mm / Can easily be cut to suitable size / Sold in pairs.

**MATERIAL** 100% neopren. **COLOUR** 940 Black. **SIZE** One size.



940

### KNEE PADS 957 KT

Article no 100393

Extra durable, for kneeling work over long periods / Thickness 13 mm / Width 150 mm / Length 240 mm / Can easily be cut to suitable size / Sold in pairs.

**MATERIAL** 100% neopren. **COLOUR** 930 Grey. **SIZE** One size.



930



940



541

940

### STRETCH BRACES 9323 PPPA

Article no 100079

Elastic straps / Nickel free / Adjustable elastic front straps 83 cm / Elastic back straps 27 cm / Extra strong clips and length adjusters in antique brass finish / Width 50 mm.

**MATERIAL** 60% polyester, 40% polyamide. **COLOUR** 940 Black. **SIZE** One size.

### BRACES 9322 PPPA

Article no 100078

Woven straps with elastic at back / Nickel free / Adjustable front straps 100 cm / Elastic back straps 14 cm / Extra strong clips and length adjusters in antique brass finish / Width 50 mm.

**MATERIAL** 60% polyester, 40% polyamide. **COLOUR** 541 Blue, 940 Black. **SIZE** One size.

REINFORCE-  
MENT FOR  
E.G. KNEES,  
THIGHS, ELBOWS



940

### REINFORCEMENT 958 KEV

Article no 100388

Heat transfer reinforcement for e.g. knees, thighs and elbows / Should only be heated on by professional retailers / Sold in pairs.

**MATERIAL** 72% polyamide, 24% Kevlar®, 4% elastane. **COLOUR** 940 Black. **SIZE** One size.



240



240

### SNIKKI NAIL POCKET REINFORCEMENT 9232 LTHR

Article no 127930

Leather reinforcement for nail pockets / Sold in pairs.

**MATERIAL** Split leather. **COLOUR** 240 Brown. **SIZE** One size.

### SNIKKI FOLDING RULE POCKET REINFORCEMENT 9231 LTHR

Article no 127929

Leather reinforcement for folding rule pocket.

**MATERIAL** Split leather. **COLOUR** 240 Brown. **SIZE** One size.



540

941

940



### NAIL POCKETS 9201 ADKN

Article no 129495

Easy to attach to a belt and use with any trousers / 2 CORDURA® loose hanging pockets, one with 3 smaller pockets and tool loops, one with extra pocket / Attached with velcro fastening / OEKO-TEX® certified.

**MATERIAL** 100% polyamide. **WEIGHT** 220 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** One size.



Look at pages 252-257 for more accessories





# SNIKKI Toolbelts

Proofed and acknowledged by craftsmen

With the right equipment, you have your most important tools close to hand while at the same time reducing strain on your body. The original SNIKKI toolbelts, pockets and holders are well-known for their high quality, great function and outstanding performance. Tested and developed in cooperation with users.



# High-quality products made with proud tradition and creative innovation

Just by Lake Siljan in Dalecarlia in Sweden, you will find the SNIKKI production site. We have more than 50 years' experience of making and creating tool belts. All our products are developed in close collaboration with craftsmen and high quality has always been our guiding star.



## Specially developed soft leather

All our products are made of high-quality leather that stays soft even when it's cold. The inside is specially treated so it stays comfortable and does not chafe the hand. Our Ergo belt has soft Swedish vegetable-tanned leather on the inside so it's comfortable closest to the body.



## Manufactured in Sweden

Our Ergo leather belt and all our black leather toolbelts, holders and pouches are sewn and produced in Sweden. Our black leather products are manufactured of a soft special treated high-quality leather with water-repellent surface.



# Your most important tools close to hand

Read more and see our  
SNIKKI guide at [fristads.com](http://fristads.com)



## SNIKKI TOOL BELT 9333 LTHR

Article no 100898

For carpenters, joiners, fitters etc / 40 mm nylon belt with metal buckle / Rivet reinforced / 3 loose-hanging pockets / Big pockets H 170 x W 140 x D 80 mm / Small pocket H 120 x W 140 x D 60 mm / Wide folding rule pocket / Pen pocket / Leather hammer loop / Belt length 122 cm.

**MATERIAL** Heavy duty split leather. **COLOUR** 240 Brown. **SIZE** One size (Belt length 122 cm).

LEFT HANDED  
VERSION OF  
100901



## SNIKKI TOOL BELT 9336L LTHR, LEFT HANDED

Article no 109284

For carpenters, electricians, fitters etc / 60 mm padded belt with metal buckle / Rivet reinforced / 4 pockets for nails and screws / 4 tool pockets / Hammer loop in moulded plastic / 2 sheath knife holders / 3 tool holders / Belt length 122 cm / Made in Sweden / Combine with chalk line holder 131175.

**MATERIAL** Heavy duty leather. **COLOUR** 940 Black. **SIZE** One size (Belt length 122 cm).



## SNIKKI TOOL BELT 9336 LTHR

Article no 100901

For carpenters, electricians, fitters etc / 60 mm padded belt with metal buckle / Rivet reinforced / 4 pockets for nails and screws / 4 tool pockets / Hammer loop in moulded plastic / 2 sheath knife holders / 3 tool holders / Belt length 122 cm / Made in Sweden / Combine with chalk line holder 131175.

**MATERIAL** Heavy duty leather. **COLOUR** 940 Black. **SIZE** One size (Belt length 122 cm).



## SNIKKI TOOL BELT 9335 LTHR

Article no 100900

For electricians, sheet metal workers, fitters, carpenters etc / 70 mm padded belt with metal buckle / Rivet reinforced / 3 loose-hanging pockets / 6 tool pockets, one also for nails / Swing hammer loop / Sheath knife holder / Tape holder / Belt length 150 cm.

**MATERIAL** Heavy-duty split leather. **COLOUR** 240 Brown. **SIZE** One size (Belt length 150 cm).



## SNIKKI TOOL BELT 9321 LTHR

Article no 100076

For the handy man, carpenters etc / 4 pockets for nails and screws / Big pockets H 170 x W 175 x D 85 mm / 7 small tool pockets / Small pockets H 100 x W 110 x D 35 mm / Tape measure or markets string holder / 2 hammer loops / Rivet reinforced / 40 mm nylon belt / Side-release buckle / Belt length 122 cm.

**MATERIAL** Split leather. **COLOUR** 240 Brown. **SIZE** One size (Belt length 122 cm).

# Our ergonomic system saves your back and provides high comfort

Wide comfortable shoulder straps that will not slip off while kneeling

Mesh panel for ventilation

Elasticated parts

Easy to adjust

Belt in ergonomic design for extra comfort

Pouches and holders are easily attached

Inside in soft vegetable-tanned Swedish leather. No hard edges that irritate or chafe the body

Two pockets for nails and screws

Rivets reinforced

Provides ideal weight distribution and mobility

Two Quick-grip pocket holders at front

Two pen pockets at front

Outside of heavy-duty leather. Durable nylon strap and metal buckle

Knife holder

Hammer loop

Holder, e.g. for screwdriver



940

## SNIKKI ERGO BRACES 9332 PPL

Article no 100897

For use with Ergo belt 100045 or other toolbelts / Ventilating back panel / Straps partly elasticated at back and front / 2 pen pockets / 2 Quick-snap pocket holders / Heavy-duty clips / Front adjustable straps, S-M: 11,5-19 cm, L-XL: 15-28 cm / Back adjustable straps, S-M: 12-19 cm, L-XL: 17-28 cm.

**MATERIAL** Polyester/polyamide laminate. **COLOUR** 940 Black. **SIZE** S-M, L-XL.



940

## SNIKKI BELT 9370 POLY

Article no 100912

70 mm padded polyester tube / 40 mm nylon strap with metal buckle / Heat reflective padding/ For Quick-grip and Quick-snap pouches, holders and holsters / Belt length 115 cm.

**MATERIAL** Polyester/polyeten foam. **COLOUR** 940 Black. **SIZE** Length 115 cm.

## SNIKKI BELT 9369 POLY

Article no 100911 **SIZE** Length 125 cm.

## SNIKKI BELT 9343 POLY

Article no 100910 **SIZE** Length 135 cm.



940

## SNIKKI ERGO BELT 9319 LTHR

Article no 100045

Base of the Ergo carrying system to relieve hips and waist / Prepared for attachment of suspenders or Ergo braces / Inside of soft, vegetable-tanned split leather / No hard edges that irritate or chafe the body / Outside of heavy duty leather / Pouches and holders with Quick-grip and Quick-snap are easily attached to the nylon strap / Metal buckle / S - Length 83-87 cm, M - Length 88-93 cm, L - Length 94-103 cm, XL -Length > 104 cm / Made in Sweden.

**MATERIAL** Heavy duty leather, split leather, polypropylen. **COLOUR** 940 Black. **SIZE** S (83-87 cm), M (88-93 cm), L (94-103 cm), XL (>104 cm).



# 

## 

1. Choose an Ergo belt, soft padded belt or a regular leather belt. For extra relief for your shoulders and greater comfort, combine with our tool braces.
2. Choose the pouches and tool holders you require. The comfort system is flexible and you can easily replace pouches and holders.



## Advantages of the SNIKKI Ergo system

- Ergonomic design – saves your back, shoulders and neck
- Gives more uniform distribution of the tools' weight
- Tools and materials are easily accessible
- Provides more freedom of movement
- Easy to put on and take off. All material pockets and holders can be easily replaced when needed
- Suitable for all garments – whatever the weather and season
- Lets you carry exactly what you need

## Quick-grip – this is how to fasten our pouches and holders

Place the part with snap fastenings over your belt. Press and then fasten on the back.



240

### SNIKKI TOOL POUCH 9303 LTHR

Article no 100014

2 pockets for screws, nails etc / Big pocket H 200 x W 160 x D 80 mm / Small pocket H 130 x W 140 x D 45 mm / Sheath knife holder / Rivet reinforced / Quick-grip.

**MATERIAL** Heavy-duty split leather. **COLOUR** 240 Brown. **SIZE** One size.



240

### SNIKKI TOOL POUCH 9338 LTHR

Article no 100903

Pocket for screws, nails, etc. / Big pocket H 200 mm x W 180 mm x D 100 mm / Rivet reinforced / Quick-grip.

**MATERIAL** Heavy-duty split leather. **COLOUR** 240 Brown. **SIZE** One size.



240

### SNIKKI TOOL HOLDER 9340 LTHR

Article no 100906

For reinforced steel workers, fitters etc / 1 pocket for nails, screws, tying wire etc / Big pocket H 190 x W 160 x D 80 mm / Small pockets H 190 x W 60 x D 30 mm & H 100 x W 40 x D 50 mm / 3 tool pockets / Sheath knife holder / Rivet reinforced / Quick-grip.

**MATERIAL** Heavy duty split leather. **COLOUR** 240 Brown. **SIZE** One size.



240

### SNIKKI TOOL HOLDER 9300 LTHR

Article no 100011

For scaffolders, carpenters, fitters etc / 4 tool pockets / Big pockets H 200 x W 65 x D 30 mm / Hammer and sheath knife holder / Extra tool holder for Burton-key etc / Rivet reinforced / Quick-grip.

**MATERIAL** Heavy-duty split leather. **COLOUR** 240 Brown. **SIZE** One size.



240

### SNIKKI ELECTRICIAN TOOL HOLDER 9305 LTHR

Article no 100016

For electricians, sheet metal workers, fitters etc / 10 pockets for screw drivers, pliers, cutters, nippers etc / Big pocket H 140 mm x W 170 mm x D 70 mm / Small pocket H 100 mm / Holder for sheath knife / Tape holder / Rivet reinforced / Quick-grip.

**MATERIAL** Heavy-duty split leather. **COLOUR** 240 Brown. **SIZE** One size.



240

### SNIKKI ELECTRICIAN TOOL HOLDER 9306 LTHR

Article no 100017

For electricians / 10 pockets for screwdrivers, pliers, cutters, nippers or small cordless screwdriver / 3 pockets for insulated pliers, etc / Marking string holder / Large pocket H 150 x W 180 x D 30 mm / Small pockets H 100 mm / Hammer loop / Sheath knife holder / Rivet reinforced / Quick-grip.

**MATERIAL** Heavy-duty split leather. **COLOUR** 240 Brown. **SIZE** One size.



940

### SNIKKI TOOL POUCH 9304 LTHR

Article no 100015

2 pockets for screws, nails etc / Big pocket H 200 x W 160 x D 80 mm / Small pocket H 130 x W 140 x D 45 mm / Sheath knife holder / Rivet reinforced / Quick-grip / Water-repellent / Made in Sweden.

**MATERIAL** Heavy-duty leather. **COLOUR** 940 Black. **SIZE** One size.



940

### SNIKKI TOOL HOLDER 9301 LTHR

Article no 100012

For scaffolders, carpenters, fitters etc / 4 tool pockets / Big pockets H 200 x W 65 x D 30 mm / Hammer and sheath knife holders / Extra tool holder for Burton-key etc / Rivet reinforced / Quick-grip / Water-repellent / Made in Sweden.

**MATERIAL** Heavy-duty leather. **COLOUR** 940 Black. **SIZE** One size.



940

### SNIKKI ELECTRICIAN TOOL HOLDER 9142 LTHR

Article no 114156

For electricians, sheet metal workers, fitters etc / 10 pockets for screw drivers, pliers, cutters, nippers etc / Big pocket H 140 mm x W 170 mm x D 70 mm / Small pocket H 100 mm / Holder for sheath knife / Tape holder / Rivet reinforced / Quick-grip / Water-repellent / Made in Sweden.

**MATERIAL** Heavy-duty leather. **COLOUR** 940 Black. **SIZE** One size.



940

### SNIKKI ELECTRICIAN TOOL HOLDER 9141 LTHR

Article no 114155

For electricians / 10 pockets for screwdrivers, pliers, cutters, nippers or small cordless screwdriver / 3 pockets for insulated pliers, etc / Marking string holder / Large pocket H 150 x W 180 x D 30 mm / Small pockets H 100 mm / Hammer loop / Sheath knife holder / Rivet reinforced / Quick-grip / Water-repellent / Made in Sweden.

**MATERIAL** Heavy-duty leather. **COLOUR** 940 Black. **SIZE** One size.



940

### SNIKKI KNIFE HOLDER 9312 LTHR

Article no 100033

For carpet and floor layers / 2 pockets for universal knives / H 130 x W 50 x D 25 mm / Fits pocket in trousers 100083 and 100286.

**MATERIAL** Heavy-duty leather. **COLOUR** 940 Black. **SIZE** One size.



940

### SNIKKI CHALK LINE HOLDER 9199 LTHR

Article no 131175

For carpenters / Pocket for chalk line / H 120 x W 850 x D 450 mm / Quick snap / Made in Sweden.

**MATERIAL** Heavy-duty leather. **COLOUR** 940 Black. **SIZE** One size.



940

### SNIKKI HAMMER HOLDER 9311 LTHR

Article no 100032

Swinging cradle steel loop / Loop size W 70 x D 45 mm / Quick-grip.

**MATERIAL** Heavy duty leather. **COLOUR** 940 Black. **SIZE** One size.



940

### SNIKKI HAMMER HOLDER 9310 PLST

Article no 100031

Lightweight, temperature and weather resistant / Loop size W 70 x D 45 mm / Quick-grip / Made in Sweden.

**MATERIAL** Moulded plastic. **COLOUR** 940 Black. **SIZE** One size.



940

### SNIKKI HAMMER AND KNIFE HOLDER 9223 LTHR

Article no 127708

Tool pocket / H 110 x W 60 x D 25 mm / Steel loop / Reinforced with rivets / Quick-snap.

**MATERIAL** Heavy duty leather. **COLOUR** 940 Black. **SIZE** One size.



940

### SNIKKI POWER TOOL HOLDER 9229 LTHR

Article no 127711

For power tools / Reinforced with rivets / Quick-snap.

**MATERIAL** Heavy-duty leather. **COLOUR** 940 Black. **SIZE** One size.



# Lightweight functional Ergo system

It's never been easier  
to carry your tools  
and materials

The lightweight SNIKKI Ergo system is made of a lightweight yet very durable material which is dirt- and water-repellent. The belt and braces feature an ergonomic design to save your back, shoulders and neck. Read more about the advantages of using the SNIKKI Ergo system on page 48.

All pouches and holders can also  
be combined with the leather  
Ergo system.

You can easily attach the separate  
holders to any ordinary belt.



940



940

## SNIKKI ERGO BRACES 9220 PPL

Article no 127705

For use with Ergo belt 127710 / Back panel with elastic straps / Front adjustable strap 42 cm / Back elastic strap 35 cm / Pen holders / Adjustable length.

**MATERIAL** Polyester and polyamide laminate. **COLOUR** 940 Black. **SIZE** One size.

## SNIKKI ERGO BELT 9225 PPL

Article no 127710

Base of the Ergo carrying system to relieve hips and waist / Prepared for attachment of Ergo braces 127705 / Pouches and holders with Quick-grip and Quick-snap are easily attached to the nylon strap. M Length 89-95 cm, L Length 96-105 cm.

**MATERIAL** Polyester and polyamide laminate. **COLOUR** 940 Black. **SIZE** M (89-95 cm), L (96-105 cm).



940

### SNIKKI CARPENTER TOOL HOLDER 9227 PPL

Article no 127713

For scaffolders, carpenters, fitters etc / 4 tool pockets / Big pockets H 190 x W 65 x D 30 mm / Small pockets H 120 x W 60 x D 15 mm / Hammer and sheath knife holder / Reinforced with rivets / Quick-snap.

**MATERIAL** Polyester and polyamide laminate. **COLOUR** 940 Black. **SIZE** One size.



940

### SNIKKI ELECTRICIAN TOOL HOLDER 9222 PPL

Article no 127707

For electrician / 3 tool pockets / Big pocket H 150 x W 130 x D 25 mm / Small pockets H 110 x W 70 x D 20 mm / Chisel holders / Loop for sheath knife / Tape holder / Reinforced with rivets / Quick-snap.

**MATERIAL** Polyester and polyamide laminate. **COLOUR** 940 Black. **SIZE** One size.



940

### SNIKKI TOOL POUCH 9230 PPL

Article no 127927

2 pockets / Big pockets H 150 x W 160 x D 60 mm / Small pockets H 120 x W 150 x D 30 mm / Reinforced with rivets / 2 loops for sheath knives on sides / Quick-snap.

**MATERIAL** Polyester and polyamide laminate. **COLOUR** 940 Black. **SIZE** One size.



940

### SNIKKI BOX HOLDER 9226 PPL

Article no 127712

For nails and screws / H 110 x W 150 x D 90 mm / Dimensionally stable / Quick-snap.

**MATERIAL** Polyester and polyamide laminate. **COLOUR** 940 Black. **SIZE** One size.



940

### SNIKKI PLIERS HOLDER 9221 PPL

Article no 127706

Suitable for pliers and tools / H 170 x D 25 mm / Quick-snap.

**MATERIAL** Polyester and polyamide laminate. **COLOUR** 940 Black. **SIZE** One size.



940

### SNIKKI LASER POUCH 9228 PPL

Article no 127714

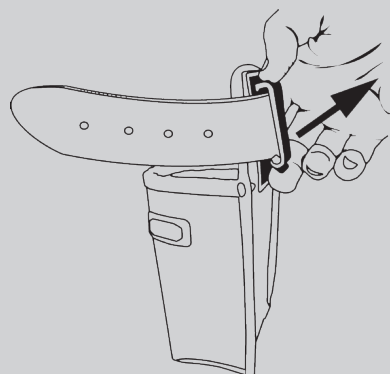
For instruments e.g. laser measurement tool / H 110 x W 70 x D 30 mm / Covered with flap and velcro fastening / Quick-snap.

**MATERIAL** Polyester and polyamide laminate. **COLOUR** 940 Black. **SIZE** One size.

## SNIKKI-GUIDE: COMBINE AS YOU WISH

All our holders and pouches can be attached to our Ergo belts, soft padded belts or any ordinary belt. Be inspired by our SNIKKI guide at [fristads.com](http://fristads.com) and put together a toolbelt that fits your unique needs.

Visit [fristads.com](http://fristads.com)



### Quick-snap – quick and easy to use

The unique clip lets you attach or remove pockets on your Ergo belt, or any other belt for that matter, quickly and easily.

Let your belt snap in place under the hook. To remove it, simply loosen the hook a bit and press upwards.





# Tops

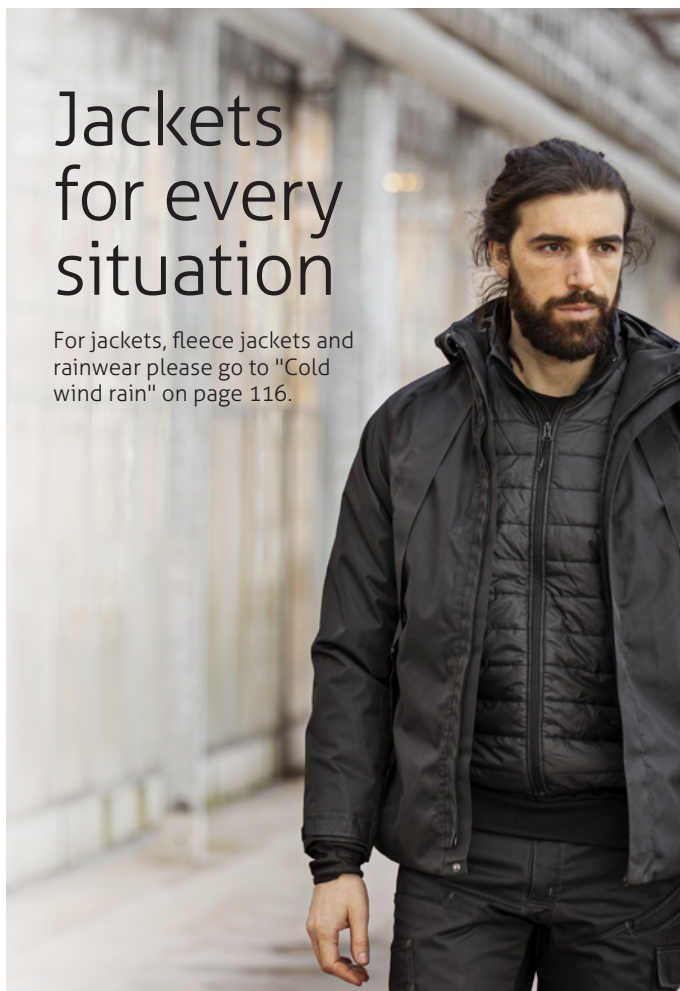
Stylish, functional and comfortable

In this chapter we have collected all our sweatshirts, shirts, T-shirts and polo shirts that suit most occupations. Comfortable and good-looking garments that make your workday easier and represent your company in the best possible way.



# Jackets for every situation

For jackets, fleece jackets and rainwear please go to "Cold wind rain" on page 116.



# Match with all collections

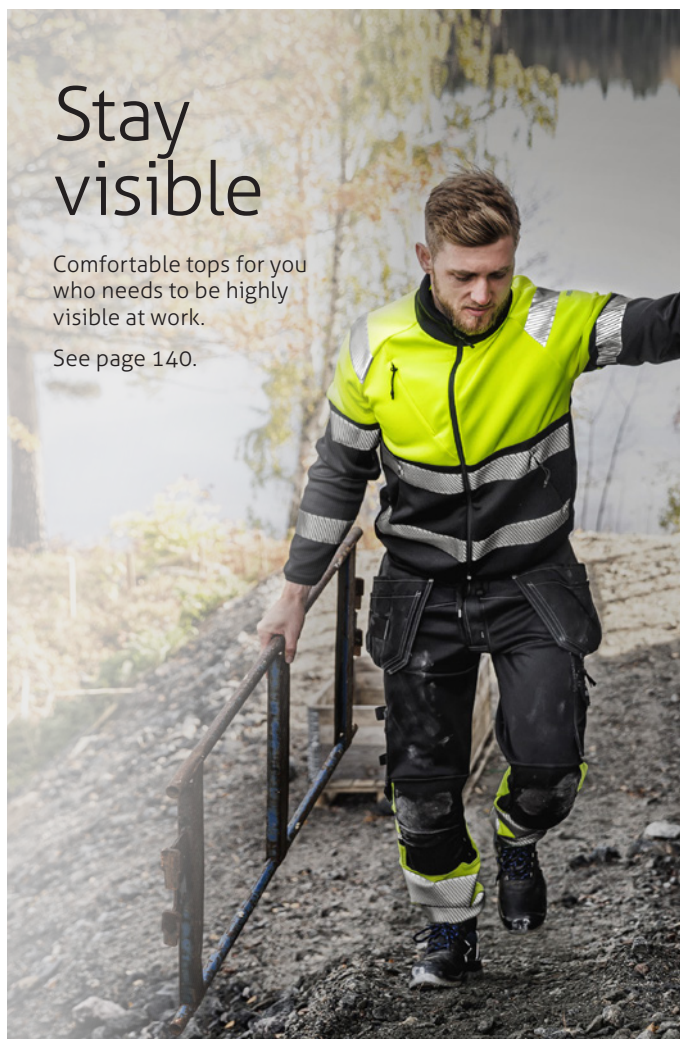
## Function and features for all types of jobs

No matter the business you're in, we have the right comfortable garments for a demanding workday. Mix and match as you wish with our trousers to get the perfect personal outfit. Most garments work equally well at work and during spare time.

# Stay visible

Comfortable tops for you  
who needs to be highly  
visible at work.

See page 140.









SOFT ELASTIC  
MATERIAL  
REFLECTIVE  
DETAILS



542



940



### HOODED SWEAT JACKET 7464 SSL

Article no 131139

4-way stretch material / Adjustable hood with drawstring / Raglan sleeves / Full length front zip / Fristads logo band with reflective detailing along arms / 2 front pockets with zip / Rib-knit cuffs and hem / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 250 g/m². **COLOUR** 542 Blue, 940 Black. **SIZE** XS-3XL.



942



542



### FRIWEAR HOODED SWEATSHIRT 7460 MELA

Article no 129473

Adjustable hood with string / Half zip at front / Short raglan sleeves / Reflective details on shoulders / OEKO-TEX® certified.

**MATERIAL** 50% polyester, 50% cotton. **WEIGHT** 320 g/m². **COLOUR** 542 Blue, 942 Anthracite Grey. **SIZE** XS-3XL.



942



542



### SWEATSHIRT 7463 SHK

Article no 129827

Round neck / Raglan sleeves / Rib-knit cuffs and hem / Fristads logo patch at front / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. **WEIGHT** 330 g/m². **COLOUR** 542 Blue, 942 Anthracite Grey. **SIZE** XS-3XL.



NEW

ENHANCED  
VISIBILITY



982



### SWEATSHIRT 7091 MELA

Article no 133278

Round neck / Raglan sleeves / Yellow detail at back of sleeves for increased visibility / Rib-knit neck, cuffs and hem / OEKO-TEX® certified.

**MATERIAL** 50% polyester, 50% cotton. **WEIGHT** 320 g/m². **COLOUR** 982 Black/Hi-Vis Yellow. **SIZE** XS-3XL.



TOPS





DOUBLE FACE  
MATERIAL

Hood can be  
also be used as  
neck warmer



940



740



### HOODED SWEAT JACKET 7462 DF

Article no 129480

Double face fabric / Adjustable hood with drawstring / Hood can also be placed around neck / Full-length front zip / Raglan sleeves / 2 front pockets with zip / Elasticated cuff / Elasticated ribbon at hem and hood / Extended back / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. **WEIGHT** 325 g/m². **COLOUR** 740 Army Green, 940 Black. **SIZE** XS-3XL



SEE PAGE 236



598

796



996

DOUBLE FACE  
MATERIAL  
REINFORCED



### SWEAT JACKET 7513 DF

Article no 126513

Double face fabric / Ripstop-reinforced front and sleeves / Full-length front zip / Chest pocket with zip / 2 front pockets with zip / Elasticated ribbon at cuffs and hem / Thumb grip / Reflective details on collar and sleeves / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. Reinforcement 100% polyamide. **WEIGHT** 325 g/m². Reinforcement 110 g/m² **COLOUR** 598 Navy/Black, 796 Army Green/Black, 996 Black/Grey. **SIZE** XS-4XL



796, 982, 984.  
Discontinued article.  
Available while stock lasts.



796



896



982



984



REINFORCED  
SIZES 2XS-4XL

598



### SWEAT JACKET 7052 SMP

Article no 125026

Full length front zip / Raglan sleeves / 2 ripstop-reinforced front pockets with zip / Inside pocket with zip / Ripstop-reinforced elbows / Rib-knit cuffs and hem / Reflective details / OEKO-TEX® certified.

**MATERIAL** 95% polyester, 5% elastane. Reinforcement 100% polyamide. **WEIGHT** 350 g/m². Reinforcement 110 g/m². **COLOUR** 598 Navy/Black, 796 Army Green/Black, 896 Grey/Black, 982 Black/Hi-Vis Yellow, 984 Black/Hi-Vis Orange. **SIZE** 2XS-4XL





**SNIKKI LIGHTWEIGHT  
ERGO SYSTEM**  
Page 50

**CRAFTSMAN DENIM STRETCH  
TROUSERS 2131 DCS**  
Art no 124152> Page 29



# Exclusive look and feel

The sweatshirts in our double-face quality offers a pleasant feel and exclusive finish while retaining the fit. Double-face means that the outside of the fabric is identical to that on the reverse.



DOUBLE FACE MATERIAL



## ACODE SWEATSHIRT 1750 DF

Article no 124174

Double face fabric / Round neck / Raglan sleeves / Rib-knit cuffs and hem.

**MATERIAL** 60% cotton, 40% polyester. 910 Light Grey: 65% cotton, 25% polyester, 10% viscose. **WEIGHT** 325 g/m². **COLOUR** 910 Light Grey, 940 Black, 942 Anthracite Grey. **SIZE** XS-3XL.



DOUBLE FACE MATERIAL



SEE PAGE 237



## ACODE SWEAT JACKET 1756 DF

Article no 124175

Double face fabric / Full length front zip / Raglan sleeves / 2 front pockets with zip / Rib-knit cuffs and hem.

**MATERIAL** 60% cotton, 40% polyester. 910 Light Grey: 65% cotton, 25% polyester, 10% viscose. **WEIGHT** 325 g/m². **COLOUR** 540 Dark Navy, 910 Light Grey, 940 Black. **SIZE** S-3XL.



SERVICE STRETCH TROUSERS 2700 PLW  
Art no 126515> Page 89

DOUBLE FACE  
MATERIAL



SEE PAGE 237



0

### ACODE HOODED SWEAT JACKET 1757 DF

Article no 124180

Double face fabric / Adjustable hood with drawstring / Full length front zip / Raglan sleeves / 2 front pockets with zip / Rib-knit cuffs and hem.

**MATERIAL** 60% cotton, 40% polyester. 894 Grey/Dark Grey: 65% cotton, 25% polyester, 10% viscose. **WEIGHT** 325 g/m². **COLOUR** 894 Grey/Dark Grey, 996 Black/Grey. **SIZE** S-3XL.



0



### ACODE T-SHIRT 7652 BSJ

Article no 129479

Contrast colour on shoulders / Rib-knit round neck / Raglan sleeves / OEKO-TEX® certified.

**MATERIAL** 100% cotton. 894 Grey/Dark Grey: 85% cotton, 15% viscose. **WEIGHT** 150 g/m². **COLOUR** 586 Navy/Grey, 894 Grey/Dark Grey, 996 Black/Grey. **SIZE** S-3XL.



DOUBLE FACE  
MATERIAL



0

### ACODE HALF ZIP SWEATSHIRT 1755 DF

Article no 124181

Double face fabric / Half zip at front / Raglan sleeves / 2 front pockets / Rib-knit cuffs and hem.

**MATERIAL** 60% cotton, 40% polyester. 894 Grey/Dark Grey: 65% cotton, 25% polyester, 10% viscose. **WEIGHT** 325 g/m². **COLOUR** 586 Navy/Grey, 890 Dark Grey/Grey, 894 Grey/Dark Grey, 996 Black/Grey. **SIZE** XS-3XL.



SEE PAGE 237



0



### ACODE POLO SHIRT 7650 PIQ

Article no 129229

Contrast colour on shoulders and side panels / Flat-knit collar and cuffs / Front placket with concealed button fastening / Raglan sleeves / OEKO-TEX® certified.

**MATERIAL** 100% cotton. 894 Grey/Dark Grey: 85% cotton, 15% viscose. **WEIGHT** 230 g/m². **COLOUR** 586 Navy/Grey, 894 Grey/Dark grey, 996 Black/Grey. **SIZE** S-3XL.





SUSTAINABLE  
ORGANIC  
COTTON

Read about Fristads  
Green on [fristads.com](https://fristads.com)



### GREEN SWEATSHIRT 7989 GOS

Article no 131158

Part of Fristads Green collection / Organic cotton / Round neck / Rib-knit cuffs and hem / With EPD (Environmental Product Declaration) – registration number 1759 at [environdec.com](https://environdec.com) / OEKO-TEX® certified.

**MATERIAL** 100% organic cotton. **WEIGHT** 335 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** XS-4XL.



NEW



### ACODE HOODED SWEATSHIRT 7736 SWB

Article no 130171

Adjustable lined hood with drawstring / Kangaroo pocket / Rib-knit cuffs and hem / Brushed inside.

**MATERIAL** 80% cotton, 20% polyester (910 Light Grey 75% cotton, 20% polyester, 5% viscose). **WEIGHT** 280 g/m². **COLOUR** 544 Dark Navy, 910 Light Grey, 940 Black. **SIZE** XS-3XL.



SEE PAGE 236



DOUBLE-FACE  
MATERIAL



### ACODE SWEAT JACKET 1747 DF

Article no 110169

Double face fabric / Full-length front zip / Chest pocket with zip / 2 front pockets / Rib-knit cuffs and hem / Flat lock stitchings.

**MATERIAL** 80% cotton, 20% polyester. **WEIGHT** 320 g/m². **COLOUR** 543 Midnight Blue, 940 Black, 941 Dark Grey. **SIZE** S-3XL.



CORE COLOUR 940  
SEE PAGE 9



DOUBLE-FACE  
MATERIAL



### ACODE HALF ZIP SWEATSHIRT 1705 DF

Article no 100209

Double face fabric / Contrast colour at inner collar and sides / Half zip at front / Large front pocket / Rib-knit cuffs and hem.

**MATERIAL** 80% cotton, 20% polyester. **WEIGHT** 320 g/m². **COLOUR** 331 Red, 586 Navy/Grey, 910 Light Grey, 940 Black. **SIZE** XS-3XL.



**CORE**COLOUR 940  
SEE PAGE 9

910

**O****ACODE HOODED SWEAT JACKET 1736 SWB**

Article no 111843

Adjustable hood with drawstring / Full-length front zip / 2 front pockets / Rib-knit cuffs and hem / Brushed inside.

**MATERIAL** 80% cotton, 20% polyester (910 Light Grey 75% cotton, 20% polyester, 5% viscose).**WEIGHT** 280 g/m². **COLOUR** 331 Red, 544 Dark Navy, 910 Light Grey, 940 Black, 941 Dark Grey. **SIZE** XS-3XL.**CORE**COLOUR 544, 940  
SEE PAGE 9

940

**O****ACODE SWEAT JACKET 1733 SWB**

Article no 122215

Full-length front zip / 2 front pockets with zip / Rib-knit cuffs and hem / Brushed inside.

**MATERIAL** 80% cotton, 20% polyester (910 Light Grey 75% cotton, 20% polyester, 5% viscose).**WEIGHT** 280 g/m². **COLOUR** 331 Red, 544 Dark Navy, 910 Light Grey, 940 Black, 941 Dark Grey. **SIZE** S-3XL.

TOPS

**CORE**COLOUR 544, 940  
SEE PAGE 9

331

**O****ACODE HALF ZIP SWEATSHIRT 1737 SWB**

Article no 116774

Half zip at front / Rib-knit cuffs and hem / Brushed inside.

**MATERIAL** 80% cotton, 20% polyester. **WEIGHT** 280 g/m². **COLOUR** 331 Red, 544 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** XS-3XL.**CORE**COLOUR 544, 910, 940, 941  
SEE PAGE 9

544

UP TO 6XL  
IN SOME  
COLOURS**O****ACODE SWEATSHIRT 1734 SWB**

Article no 100225

Round neck / Rib-knit neck, cuffs and hem / Brushed inside.

**MATERIAL** 80% cotton, 20% polyester (910 Light Grey 75% cotton, 20% polyester, 5% viscose).**WEIGHT** 280 g/m². **COLOUR** 131 Bright Yellow, 331 Red, 530 Royal Blue, 544 Dark Navy, 730 Green, 900 White, 910 Light Grey, 940 Black, 941 Dark Grey. **SIZE** 544 Dark Navy, 941 Dark Grey and 940 Black: XS-6XL. Bright Yellow 131: S-4XL. The rest of the colours: S-3XL.



# Mix and Match

- Transports moisture
- Dries quickly
- Has UV protection
- Approved for leasing laundry



## Matching garments

All products on this spread are also shown on page 82 and can be matched with our Fusion collection.

### CORE

COLOUR 556, 896, 982, 996  
SEE PAGE 9



542  
556  
586  
796  
866  
896  
996



982



PRO

### POLO SHIRT 7047 PHV

Article no 122407

Contrast colour on shoulders and side panels / Rib-knit collar / Front placket with concealed buttons / Raglan sleeve / Side slits / Tone-in-tone stitches / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 195 g/m². **COLOUR** 542 Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** XS-3XL. 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey XS-4XL.



CRAFTSMAN TROUSERS 2595 STFP  
Art no 131123> Page 39 and 77.

## CORE

COLOUR 556, 896, 982, 996  
SEE PAGE 9



PRO

### T-SHIRT 7046 THV

Article no 122396

Contrast colour on shoulders and side panels / Round neck / Raglan sleeve / Tone-in-tone stitches / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 190 g/m². **COLOUR** 542 Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** XS-3XL. 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey XS-4XL.



PRO

### LONG SLEEVE T-SHIRT 7071 THV

Article no 129025

Contrast colour on shoulders and side panels / Round neck / Rib-knitted neck and cuffs / Raglan sleeve / Tone-in-tone stitches / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 190 g/m². **COLOUR** 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** XS-3XL. 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey XS-4XL.



## CORE

COLOUR 556, 982, 996  
SEE PAGE 9



PRO

### HALF ZIP SWEATSHIRT 7048 SHV

Article no 122408

Contrast colour on shoulders and side panels / Half zip at front / Raglan sleeve / Rib-knitted cuffs and bottom / Tone-in-tone stitches / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% polyester, 25% cotton. **WEIGHT** 305 g/m². **COLOUR** 542 Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** XS-3XL. 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey XS-4XL.



PRO

### SWEATSHIRT 7148 SHV

Article no 131763

Contrast colour on shoulders and side panels / Round neck / Rib-knitted neck and cuffs / Raglan sleeve / Tone-in-tone stitches / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% polyester, 25% cotton. **WEIGHT** 305 g/m². **COLOUR** 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** XS-3XL. 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey XS-4XL.







### HALF ZIP SWEATSHIRT 7449 RTS

Article no 111263

Yellow panels on shoulders and sleeves for increased visibility / Short zip / Rib-knit cuffs and hem / Contrast stitchings / OEKO-TEX® certified.

**MATERIAL** 100% cotton. Contrast colour 100% polyester. **WEIGHT** 280 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-3XL.



### STRETCH T-SHIRT 7447 RTT

Article no 111261

Yellow panels on shoulders and sleeves for increased visibility / Rib-knit round neck / Contrast stitchings / OEKO-TEX® certified.

**MATERIAL** 95% cotton, 5% elastane. **WEIGHT** 200 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-3XL.



### STRETCH POLO SHIRT 7448 RTP

Article no 111262

Yellow panels on shoulders and sleeves for increased visibility / Flat knit collar with stripe / Front placket with button fastening / Contrast stitchings / OEKO-TEX® certified.

**MATERIAL** 95% cotton, 5% elastane. **WEIGHT** 200 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-3XL.



### GREEN T-SHIRT 7988 GOT

Article no 131159

Part of Fristads Green collection / Organic cotton / Round neck / With EPD (Environmental Product Declaration) – registration number 1760 at environdec.com / OEKO-TEX® certified.

**MATERIAL** 100% organic cotton. **WEIGHT** 180 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** XS-4XL.





940



539

0

### FLANNEL SHIRT 7421 MSF

Article no 104986

Brushed inside / Long sleeves / 2 chest pockets / Extended back.

**MATERIAL** 100% cotton. **WEIGHT** 156 g/m². **COLOUR** 539 True Navy, 940 Black. **SIZE** XS-3XL



0

### COTTON SHIRT 431 VL

Article no 100629

Chest pocket / Cuffs with button / Waist ties / OEKO-TEX® certified.

**MATERIAL** 100% cotton. **WEIGHT** 220 g/m². **COLOUR** 550 Blue/White. **SIZE** XS-2XL



TOPS

ORGANIC  
COTTON



940

0



### T-SHIRT 7104 GOT

Article no 131170

Organic cotton / Round neck / Fristads logo print at front / OEKO-TEX® certified.

**MATERIAL** 100% organic cotton. **WEIGHT** 180 g/m². **COLOUR** 940 Black. **SIZE** XS-3XL

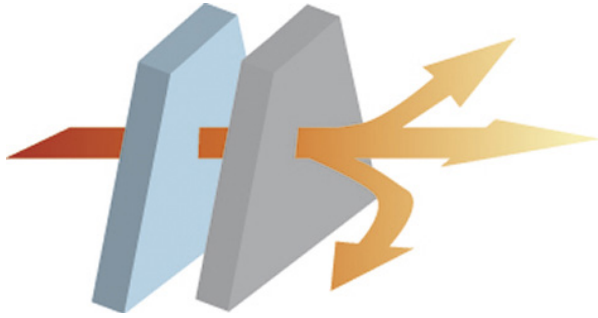


65



# Functional T-shirts

Comfortable products that provide increased comfort when working hard. Transport moisture, are breathable and dry very quickly.



Allow your body to breathe and keep you dry and comfortable.

SUSTAINABLE  
RECYCLED  
MATERIAL

Read about Fristads  
Green on [fristads.com](http://fristads.com)



896

940



540



## GREEN FUNCTIONAL T-SHIRT 7520 GRK

Article no 129825

Part of Fristads Green collection / Breathable / Transports moisture / Quick drying / Round neck / Contrast tape on shoulders / e.dye® / With EPD (Environmental Product Declaration) – registration number 1537 at [environdec.com](http://environdec.com) / OEKO-TEX® certified.

**MATERIAL** 100% recycled polyester. **WEIGHT** 180 g/m². **COLOUR** 540 Dark Navy, 896 Grey/Black, 940 Black. **SIZE** XS-4XL.



131

740

942

545



## FUNCTIONAL T-SHIRT 7455 LKN

Article no 126520

Breathable / Transports moisture / Quick drying / Round neck / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 165 g/m². **COLOUR** 131 Bright Yellow, 545 Indigo Blue, 740 Army Green, 942 Anthracite Grey. **SIZE** XS-3XL.



579



996



## HALF ZIP FUNCTIONAL LONG SLEEVE T-SHIRT 7514 LKN

Article no 126514

Breathable / Transports moisture / Quick drying / Short zip / Concealed side pocket with zip / Thumb grip / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 165 g/m². **COLOUR** 579 Navy/Blue, 996 Black/Grey. **SIZE** XS-4XL.



ABSORBS  
SWEAT ODOUR  
UV PROTECTION



SEE PAGE 238



TOPS



### 37.5® FUNCTIONAL T-SHIRT 7404 TCY

Article no 100965

Breathable / Transports moisture / Absorbs odour / Quick drying / Offers UV protection UPF 30+ / Flatlock stitchings at armhole and shoulder for extra comfort / OEKO-TEX® certified.

**MATERIAL** 55,5% polyester, 44,5% polyester 37.5® by Cocona technology. **WEIGHT** 145 g/m². **COLOUR** 131 Bright Yellow, 539 True Navy, 940 Black. **SIZE** XS-3XL.



### ACODE COOLPASS FUNCTIONAL POLO SHIRT 1716 COL

Article no 100215

CoolPass fibre / Breathable / Transports moisture / Quick drying / Collar in self fabric / Front placket with button fastening / Raglan sleeves.

**MATERIAL** 100% polyester. **WEIGHT** 150 g/m². **COLOUR** 331 Red, 531 Blue, 544 Dark Navy, 900 White, 940 Black. **SIZE** S-2XL, 544 Dark Navy, 940 Black S-3XL.



### COOLMAX® FUNCTIONAL POLO SHIRT 718 PF

Article no 100470

Breathable / Transports moisture / Quick drying / Short zip / Collar / Chest pocket / Side vents / Extended back.

**MATERIAL** 50% Coolmax® Dacron fibre, 50% polyester. **WEIGHT** 140 g/m². **COLOUR** 540 Dark Navy, 930 Grey, 940 Black. **SIZE** XS-3XL.



### COOLMAX® FUNCTIONAL T-SHIRT 918 PF

Article no 100471

Breathable / Transports moisture / Quick drying / Round neck / Side vents / Extended back.

**MATERIAL** 50% Coolmax® Dacron fibre, 50% polyester. **WEIGHT** 140 g/m². **COLOUR** 540 Dark Navy, 900 White, 930 Grey, 940 Black. **SIZE** XS-3XL.





**CORE**

COLOUR 131, 544, 900, 910, 940, 941  
SEE PAGE 9



XS-6XL IN  
SOME COLOURS

**ACODE T-SHIRT 1911 BSI**

Article no 100239

Tubular construction, without side seams / Rib-knit round neck / OEKO-TEX® certified.

**MATERIAL** 100% cotton (Grey Melange 85% cotton, 15% viscose, Yellow 35% cotton, 65% polyester).  
**WEIGHT** 150 g/m<sup>2</sup> **COLOUR** 131 Bright Grey, 232 Bright Orange, 331 Red, 510 Light Blue, 530 Royal Blue, 544 Dark Navy, 900 White, 910 Light Grey, 940 Black, 941 Dark Grey. **SIZE** 900 White, 544 Dark Navy, 941 Dark Grey, 940 Black XS-6XL 131 Red: XS-4XL. The rest of the colours: S-4XL



**CORE**

COLOUR 530, 544, 900, 910, 940, 941  
SEE PAGE 9



SEE PAGE 239

XS-6XL IN  
SOME COLOURS

**ACODE HEAVY T-SHIRT 1912 HSJ**

Article no 100240

Tubular construction, without side seams / Rib-knit neck / OEKO-TEX® certified.

**MATERIAL** 100% cotton (Grey Melange 85% cotton, 15% viscose, Yellow 35% cotton, 65% polyester).  
**WEIGHT** 190 g/m<sup>2</sup>. **COLOUR** 131 Bright Yellow, 232 Bright Orange, 331 Red, 530 Royal Blue, 544 Dark Navy, 730 Green, 900 White, 910 Light Grey, 940 Black, 941 Dark Grey. **SIZE** 900 White, 940 Black, 544 Dark Navy, 941 Dark Grey: XS-6XL 530 Royal Blue and 910 Light Grey: XS-4XL. The rest of the colours: S-4XL.



**CORE**

COLOUR 131, 544, 900, 940,  
SEE PAGE 9

**ACODE V-NECK T-SHIRT 1913 BSJ**

Article no 100241

Tubular construction, without side seams / Rib-knit v-neck / OEKO-TEX® certified.

**MATERIAL** 100% cotton (Grey Melange 85% cotton, 15% viscose). **WEIGHT** 150 g/m<sup>2</sup>.  
**COLOUR** 331 Red, 530 Royal Blue, 544 Dark Navy, 900 White, 910 Light Grey, 940 Black.  
**SIZE** S-3XL. 131 Red, 530 Royal Blue S-2XL.



## ACODE LONG SLEEVE T-SHIRT 1914 HSJ

Article no 100242

Tubular construction, without side seams / Rib-knit neck / Long sleeves / OEKO-TEX® certified.

**MATERIAL** 100% cotton (Bright Yellow 35% cotton, 65% polyester, Grey Melange 85% cotton, 15% viscose). **WEIGHT** 190 g/m<sup>2</sup>. **COLOUR** 131 Bright Yellow, 232 Bright Orange, 331 Red, 530 Royal Blue, 544 Dark Navy, 900 White, 910 Light Grey, 940 Black. **SIZE** S-2XL. 131 Bright Yellow, 544 Dark Navy, 900 White, 940 Black S-3XL.



STRETCH  
FABRIC



SEE PAGE 238



544



940



544

940

941



530

TOPS

0

### ACODE STRETCH POLO SHIRT 1799 JLS

Article no 116772

Flat-knit collar and cuffs / Front placket with button fastening / Side vents.

**MATERIAL** 95% cotton, 5% elastane. **WEIGHT** 180 g/m². **COLOUR** 544 Dark Navy, 940 Black. **SIZE** S-3XL.



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### ACODE HEAVY LONG SLEEVE POLO SHIRT 1722 PIQ

Article no 100220

Flat-knit collar and cuffs / Front placket with button fastening / Long sleeves / Side vents / OEKO-TEX® certified.

**MATERIAL** 100% cotton. **WEIGHT** 230 g/m². **COLOUR** 530 Royal Blue, 544 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** XS-3XL. 530 Royal Blue S-2XL.



CORE

COLOUR 544, 940, 941  
SEE PAGE 9



331

530

544

900

940

941



SEE PAGE 238



XS-6XL  
IN SOME  
COLOURS

910

CORE

COLOUR 544, 940  
SEE PAGE 9



331

530

900

910

940

941



544

0



### ACODE HEAVY POLO SHIRT 1724 PIQ

Article no 100222

Flat-knit collar and cuffs / Front placket with button fastening / Side vents / OEKO-TEX® certified.

**MATERIAL** 100% cotton (910 Light Grey 90% cotton, 10% viscose). **WEIGHT** 230 g/m². **COLOUR** 331 Red, 530 Royal Blue, 544 Dark Navy, 900 White, 910 Light Grey, 940 Black, 941 Dark Grey. **SIZE** 544 Dark Navy, 941 Dark Grey and 940 Black: XS-6XL. The rest of the colours: S-4XL.



0



### ACODE HEAVY POLO SHIRT 1721 PIQ

Article no 100219

Flat-knit collar and cuffs / Front placket with button fastening / Chest pocket / Side vents / OEKO-TEX® certified.

**MATERIAL** 100% cotton (Light Grey 90% cotton, 10% viscose). **WEIGHT** 230 g/m². **COLOUR** 331 Red, 530 Royal Blue, 544 Dark Navy, 900 White, 910 Light Grey, 940 Black, 941 Dark Grey. **SIZE** 544 Dark Navy, 941 Dark Grey and 940 Black: XS-4XL. The rest of the colours: S-4XL.







### HEAVY POLO SHIRT 7392 PM

Article no 127688

Rib-knit collar / Front placket with button fastening / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 240 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** XS-4XL.



### HEAVY T-SHIRT 7603 TM

Article no 114137

Rib-knit round neck / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 200 g/m². **COLOUR** 540 Dark Navy, 900 White, 940 Black, 941 Dark Grey. **SIZE** XS-4XL.



### SWEATSHIRT 7601 SM

Article no 114135

Round neck / Rib-knit neck, cuffs and hem / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 300 g/m². **COLOUR** 540 Dark Navy, 900 White, 940 Black, 941 Dark Grey. **SIZE** XS-4XL.



### SWEAT JACKET 7608 SM

Article no 114142

Full zip at front / 2 front pockets with zip / Rib-knit cuffs and hem / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 300 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** S-4XL.





TOPS



### HALF ZIP SWEATSHIRT 7607 SM

Article no 114140

Half zip at front / 2 front pockets with zip / Rib-knit cuffs and hem / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 300 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** S-4XL.



100%  
COTTON



### COTTON SHIRT 720 BKS

Article no 100117

Long-sleeved / Snap fastening / 2 chest pockets with flaps / OEKO-TEX® certified.

**MATERIAL** 100% combed cotton. **WEIGHT** 209 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** XS-3XL.



### SHIRT 720 B60

Article no 100105

Long-sleeved / Snap fastening / 2 chest pockets with flaps / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 172 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** XS-3XL.







# Fusion

Dressing every professional for better performance

No matter your profession, Fristads Fusion brings people and businesses together and emphasises brand identity. The Fusion collection meets the needs of a variety of users within industry, service and building & construction. Garments that provide possibilities, comfort and functionality and set a new standard for cross-over workwear.

# Design, function and fit that creates identity

- Perfect for users within industry, service and building & construction
- Mechanical stretch garments give extra comfort
- 4-way stretch trousers for superior freedom of movement
- Comfortable contemporary fit tested by users
- Functional design with many pockets and features
- Durable lightweight materials
- Discreet reflective detailing for enhanced visibility
- Many colour combinations – a colour-matched complete solution
- Designed to provide ample space for profiling with company logo
- Leasing-laundry tested according to ISO 15797 and PRO-labelled (except for softshell products)
- Most products can be equipped with RFID chip
- CORDURA® reinforcements for extra durability
- Kneepockets are certified together with knee pad 9200 KP
- Wide range of sizes
- Garments also available in women's models
- Year-round solution – matching winter jackets and fleece jacket
- All garments are OEKO-TEX® certified



FUSION



## Green Fusion – garments with environmental product declaration

Jackets and trousers for both men and women are available in our Fristads Green collection. See page 81.

## Enhanced visibility – contrasting details gets reflective

All woven Fusion garments in STFP, LSH and LWS materials have attractive grey contrasting details, which becomes reflective when you highlight the garments in the dark.



# The complete cross-over collection



## STFP – STRETCH FRISTADS PERFORMANCE

- Full mechanical stretch
- Lightweight
- Durable
- Great colour fastness
- Approved for industrial laundry
- 75° and tumble dry
- 65% polyester, 35% cotton
- Weight 260 g/m<sup>2</sup>
- OEKO-TEX® certified



## LWS – LIGHTWEIGHT STRETCH

- 4-way stretch
- Lightweight
- Great colour fastness
- 60° laundry
- 92% polyester, 8% elastane
- Weight 205 g/m<sup>2</sup>
- OEKO-TEX® certified



## LSH – LIGHTWEIGHT SOFTSHELL

- Flexible stretch material
- Windproof
- Water-repellent
- Breathable
- Great colour fastness
- Lightweight
- 60° laundry
- 100% polyester with membrane
- Weight 240 g/m<sup>2</sup>
- OEKO-TEX® certified



## THV / PHV – T-SHIRTS AND POLOSHIRTS

- Transports moisture
- Dries quickly
- Cotton on the inside
- UV protection EN 13758
- Stretch
- Great colour fastness
- Easy to embellish
- Approved for industrial laundry
- 55% cotton, 45% polyester
- Weight 190-195 g/m<sup>2</sup>
- OEKO-TEX® certified



### SHV – SWEATSHIRTS

- Transports moisture
- Dries quickly
- Cotton on the inside
- UV protection EN 13758
- Stretch
- Great colour fastness
- Easy to embellish
- Approved for industrial laundry
- 75% cotton, 25% polyester
- Weight 305 g/m<sup>2</sup>
- OEKO-TEX® certified



### GRT – GREEN FUSION

- Recycled and sustainable material
- Lightweight and soft
- Quick-drying
- Approved for industrial laundry
- 60° and tumble dry
- 65% recycled polyester, 35% lyocell
- Weight 260 g/m<sup>2</sup>
- OEKO-TEX® certified

### RFID CHIP

The RFID chip provides an identification and tracking solution which optimises workflow for industrial laundries and in warehouses. Most Fusion garments can be equipped with RFID chip as a VAS (Value Added Service) solution.

### MTO – MAKE TO ORDER

Some garments, colours and sizes are not in stock, but can be ordered as MTO with a delivery time of approx. 5 weeks.

- Some garments in colour 965 White/Grey
- The coverall in some colours
- Women's STFP jacket in some colours
- The bib'n'brace in D sizes

### APPROVED FOR INDUSTRIAL LAUNDRY

Most of the garments in the Fusion range are PRO-labelled. PRO-labelling states that the product is proofed for industrial laundry procedures according to ISO 15797. In addition, our garments are tested in some of Europe's largest laundries in cooperation with our customers.



# Functional garments with stretch comfort



All woven Fusion garments in STFP, LSH and LWS materials have attractive grey contrasting details, which become reflective when you highlight the garments in the dark.

Dark grey reflective details

2 chest pockets with flap and concealed snap fastening.  
D-ring under the flap. Inner pocket.

Pocket on right sleeve and pen pockets on left sleeve.

Full length front zip with concealed snap fastening

Pre-shaped sleeves with CORDURA® reinforced elbows

Adjustable cuffs

2 front pockets with zip

Extended back and adjustable waist

Covered button to prevent scratching

Front pockets and back pockets

Thigh pocket

Double reinforced crotch seam

Leg pocket with flap and mobile phone pocket.  
Extra pocket with D-ring under the flap

Leg pocket with extra pockets

CORDURA®-reinforced knee pockets with outside opening. Height adjustment for knee pads

Knee pockets approved for according to EN 14404 together with knee pads 124292

RFID chip can be added as a VAS solution

CORDURA®-reinforced leg ends

## JACKET 4555 STFP

Art no 129481> Page 77

## JACKET WOMAN 4556 STFP

Art no 129529> Page 232

## TROUSERS 2555 STFP

Art no 129482> Page 77

## TROUSERS WOMAN 2554 STFP

Art no 129483> Page 232



### JACKET 4555 STFP

Article no 129481

Mechanical stretch fabric / Dark grey reflective details / Stand collar / Full length front zip with concealed snap fastening / 2 chest pockets with flap and concealed snap fastening / D-ring under chest pocket / Inner pocket with button fastening / 2 front pockets with zip / 4 pen pockets on left sleeve / Pocket with snap fastening on right sleeve / Adjustable waist and cuffs / CORDURA®-reinforced elbows / Extended back / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified / RFID chip can be added as a VAS solution.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 260 g/m². **COLOUR** 299 Khaki/Black, 542 Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** XS-4XL.



### CORE

COLOUR 996  
SEE PAGE 9



896

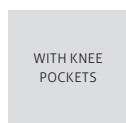


### CRAFTSMAN TROUSERS 2595 STFP

Article no 131123

Mechanical stretch fabric / Dark grey reflective details / Concealed front button / 2 loose-hanging pockets, 1 with 3 smaller pockets and tool loop and 1 with one extra pocket / 2 front pockets / 2 back pockets / Double crotch seam / Folding rule pocket with tool pocket, pen pocket and button and loop for sheath knife / 2 thigh pockets / Leg pocket with flap and velcro fastening, mobile phone pocket and extra pocket with flap and velcro fastening, D-ring under flap / CORDURA® reinforced knee pockets with outside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / RFID chip can be added as a VAS solution.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 260 g/m². **COLOUR** 896 Grey/Black, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** C44-C62, D84-D120, C146-C156.



### CORE

COLOUR 556, 586,  
896, 982, 996  
SEE PAGE 9



556



### TROUSERS 2555 STFP

Article no 129482

Mechanical stretch fabric / Dark grey reflective details / Concealed front button / 2 front pockets / 2 back pockets / Double crotch seam / 2 thigh pockets / Leg pocket with extra pockets / Loop for folding rule inside leg pocket / Leg pocket with flap and velcro fastening, mobile phone pocket and extra pocket with flap and velcro fastening, D-ring under flap / CORDURA®-reinforced knee pockets with outside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified / D sizes in colour 965 available as make to order solution / RFID chip can be added as a VAS solution.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 260 g/m². **COLOUR** 299 Khaki/Black, 542 Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** C44-C62, C146-C156, D84-D120.



### CORE

COLOUR 556, 586,  
896, 982, 996  
SEE PAGE 9



SEE PAGE 232



796



### TROUSERS 2552 STFP

Article no 129484

Mechanical stretch fabric / Dark grey reflective details / Concealed front button / 2 front pockets / 2 back pockets / Double crotch seam / 2 thigh pockets / Leg pocket with extra pockets / Loop for folding rule inside leg pocket / Leg pocket with flap and velcro fastening, mobile phone pocket and extra pocket with flap and velcro fastening, D-ring under flap / CORDURA®-reinforced leg ends / Adjustable leg length with 5 cm hem allowance / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified / D sizes in colour 965 available as make to order solution / RFID chip can be added as a VAS solution.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 260 g/m². **COLOUR** 299 Khaki/Black, 542 Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** C44-C62, D84-D120.





EASY TO ATTACH  
TO ANY  
TROUSERS



## NAIL POCKETS 9201 ADKN

Article no 129495

Easy to attach to a belt and use with any trousers / 2 CORDURA® loose hanging pockets, one with 3 smaller pockets and tool loops, one with extra pocket / Attached with velcro fastening / OEKO-TEX® certified.

**MATERIAL** 100% polyamide. **WEIGHT** 220 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** One size.



## SHORTS 2562 STFP

Article no 129530

Mechanical stretch fabric / Dark grey reflective details / Concealed front button / 2 front pockets / 2 back pockets / Double crotch seam / 2 thigh pockets / Leg pocket with extra pockets / Loop for folding ruler inside leg pocket / Leg pocket with flap and velcro fastening, mobile phone pocket and extra pocket with flap and velcro fastening, D-ring under flap / CORDURA®-reinforcement at leg ends / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified / RFID chip can be added as a VAS solution.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 260 g/m². **COLOUR** 299 Khaki/Black, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** C44-C62.



BUCKLE  
SUITABLE FOR  
PROFILING



## BELT 9955 CW

Article no 129762

Nickel free metal buckle / Adjustable length / Buckle is suitable for profiling / Length 120 cm / Width 40 mm.

**MATERIAL** 100% polyester. **COLOUR** 331 Red, 540 Dark Navy, 542 Blue, 740 Army Green, 940 Black, 941 Dark Grey. **SIZE** One size.



Colours 556, 586, 896, 982, and 996 are in stock, others as MTO – 5 weeks delivery time



## COVERALL 8555 STFP

Article no 129485

Mechanical stretch fabric / Dark grey reflective details / Stand collar / Full length front zip with concealed snap fastening / 2 chest pockets with flap and concealed snap fastening / CORDURA® reinforced elbows / Double crotch seam / 2 front pockets with flap / 2 back pockets / 2 thigh pockets / Leg pocket with extra pockets / Loop for folding ruler inside leg pocket / Leg pocket with flap and velcro fastening, mobile phone pocket and extra pocket with flap and velcro fastening, D-ring under flap / CORDURA® reinforced knee pockets with outside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colours 299, 542, 796, 866 and 965 available as make to order solution / RFID chip can be added as a VAS solution.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 260 g/m². **COLOUR** 299 Khaki/Black, 542 Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** Regular: XS-4XL.



Colour 965 and D sizes in all colours available as MTO – 5 weeks delivery time



## BIB'N'BRACE 1555 STFP

Article no 129486

Mechanical stretch fabric / Dark grey reflective details / Adjustable braces with elastic part / Full length front zip with concealed snap fastening / 2 chest pockets, one with flap with snap fastening / 2 front pockets / 2 back pockets / 2 thigh pockets / Leg pocket with extra pockets / Loop for folding ruler inside leg pocket / Leg pocket with flap and velcro fastening, mobile phone pocket and extra pocket with flap and velcro fastening, D-ring under flap / CORDURA® reinforced knee pockets with outside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colour 965 and D-sizes in all colours available as make to order solution / RFID chip can be added as a VAS solution.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 260 g/m². **COLOUR** 299 Khaki/Black, 542 Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** C44-C62, C146-C156, D84-D120. D-sizes in all colours as MTO.



# The next level of Fusion comfort

Our new lightweight 4-way stretch trousers have all the functions you need and the freedom of movement you desire. Reinforced with durable ripstop material and packed with practical details, these trousers are the perfect all-round trousers for anyone who values comfort and flexibility at work. Equally suitable for craftsmen or workers within service and industry.

- 100% 4-way stretch for ultimate comfort
- Lightweight
- Durable ripstop 4-way stretch panels at upper front and back
- Ripstop stretch knee pockets
- Dark grey reflective details
- Functional pockets and details



## STRETCH TROUSERS 2653 LWS

Article no 133394

Lightweight 4-way stretch fabric / Durable ripstop 4-way stretch panels at upper front and back / Concealed front button / 2 front pockets / 2 back pockets with zip / Double reinforced crotch seam / Leg pocket with snap fastening and inside loop for folding rule, zip pocket, pen pocket and 2 tool pockets / Leg pocket with snap fastening, pocket with zip, mobile phone pocket and ID card pocket with flap, D-ring under flap / Ripstop stretch knee pockets with outside opening from above with velcro fastening / Height adjustment for knee pads in knee pockets / Reflective details at knees and leg ends / Ripstop reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** Stretch fabric 92% polyester, 8% elastane. Ripstop stretch fabric 87% polyamide, 13% elastane. **WEIGHT** 205 g/m². Ripstop stretch fabric 250 g/m². **COLOUR** 540 Dark Navy, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 896 Grey/Black, 940 Black, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** C42-C62, C146-C156. 540 Dark navy, 940 Black, 982 Black/Hi-Vis Yellow also D84-D120.



WINDPROOF,  
WATER  
REPELLENT,  
BREATHABLE  
REFLECTIVE  
DETAILS



## SOFTSHELL WAISTCOAT 4559 LSH

Article no 129539

Breathable, windproof and water-repellent / Stretch material / Dark grey reflective details / Stand collar / Full length front zip / 2 front pockets / Elasticated ribbon at hem and armhole / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 240 g/m². **COLOUR** 540 Dark Navy, 542 Blue, 740 Army Green, 940 Black, 941 Dark Grey. **SIZE** XS-3XL.



SEE PAGE 232

WINDPROOF,  
WATER  
REPELLENT,  
BREATHABLE  
REFLECTIVE  
DETAILS



## SOFTSHELL JACKET 4557 LSH

Article no 129531

Breathable, windproof and water-repellent / Stretch material / Dark grey reflective details / Stand collar / Full length front zip / 2 front pockets / Elasticated ribbon at cuffs and hem / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 240 g/m². **COLOUR** 540 Dark Navy, 542 Blue, 740 Army Green, 940 Black, 941 Dark Grey. **SIZE** XS-4XL.





# Green Fusion

Fristads Green is a concept characterised by environmental awareness and innovation to minimise the footprint on the environment. Read more on [fristads.com](https://fristads.com).

- Products with an EPD – Environmental Product Declaration.
- Soft, lightweight and quick-drying material
- Recycled polyester and TENCEL™ Lyocell – made from sustainable cellulose
- Contrasting tape and details made of recycled polyester
- Approved for industrial laundry according to ISO 15797
- RFID chip can be added as a VAS solution
- Also available in women's models

40 PET bottles\* (0.5 l)  
Trousers + jacket

\*40 bottles for men's models 129928, 129927 and 37 bottles for women's models 130720, 130721.



**TECAWORK™**  
Ecogreen

Our Green Fusion garments are made of TECAWORK™ ECOGREEN – a comfortable and sustainable fabric made of 65% recycled polyester and 35% TENCEL™ Lyocell. TENCEL™ Lyocell uses 95% less water when produced compared to cotton. The mechanically recycled polyester reduces energy consumption by 45% in comparison with traditional polyester.

 **EPD®**

Fristads Green products have an Environmental Product Declaration (EPD) that provides information about the garments environmental performance and content. The parameters are duly monitored and verified according to the standardized requirements of the international EPD® system and approved by a third party. More information is available at [environdec.com](https://environdec.com). The EPD registration numbers are noted in the product texts.





SUSTAINABLE  
RECYCLED  
MATERIAL



SEE PAGE 233



940



540



EPD®



PRO

### GREEN JACKET 4688 GRT

Article no 129928

Part of Fristads Green collection / Stand collar / Full length front zip with concealed snap fastening / 2 chest pockets with flap and concealed snap fastening / D-ring under chest pocket / 1 inner pocket with button fastening / 2 front pockets with zip / 4 pen pockets on left sleeve / Adjustable waist / Extended back / Leasing-laundry tested according to ISO 15797 / With EPD (Environmental Product Declaration) – registration number 1702 at [environdec.com](http://environdec.com) / OEKO-TEX® certified / RFID chip can be added as a VAS solution.

**MATERIAL** 65% recycled polyester, 35% lyocell. **WEIGHT** 260 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-4XL.



FUSION

SUSTAINABLE  
RECYCLED  
MATERIAL



SEE PAGE 233



940



540



CORDURA®  
FABRIC

EPD®



PRO

### GREEN TROUSERS 2688 GRT

Article no 129927

Part of Fristads Green collection / 2 front pockets / 2 back pockets / Double crotch seam / 2 thigh pockets / Leg pocket with extra pockets / Loop for folding ruler inside leg pocket / Leg pocket with flap and velcro fastening, mobile phone pocket and extra pocket with flap and velcro fastening, D-ring under flap / CORDURA® reinforced leg ends / Adjustable leg length with 5 cm hem allowance / Leasing-laundry tested according to ISO 15797 / With EPD (Environmental Product Declaration) – registration number 1701 at [environdec.com](http://environdec.com) / OEKO-TEX® certified / RFID chip can be added as a VAS solution.

**MATERIAL** 65% recycled polyester, 35% lyocell. **WEIGHT** 260 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** C44-C66, D84-D120.





## CORE

COLOUR 556, 896, 982, 996  
SEE PAGE 9



896

TRANSPORTS  
MOISTURE,  
DRIES QUICKLY,  
UV PROTECTION



PRO

### POLO SHIRT 7047 PHV

Article no 122407

Contrast colour on shoulders and side panels / Rib-knit collar / Front placket with concealed buttons / Raglan sleeve / Side slits / Tone-in-tone stitches / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 195 g/m². **COLOUR** 542 Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** XS-3XL. 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey XS-4XL.



## CORE

COLOUR 556, 896, 982, 996  
SEE PAGE 9



996

TRANSPORTS  
MOISTURE,  
DRIES QUICKLY,  
UV PROTECTION



PRO

### T-SHIRT 7046 THV

Article no 122396

Contrast colour on shoulders and side panels / Round neck / Raglan sleeve / Tone-in-tone stitches / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 190 g/m². **COLOUR** 542 Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** XS-3XL. 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey XS-4XL.



## CORE

COLOUR 556, 982, 996  
SEE PAGE 9



982

TRANSPORTS  
MOISTURE,  
DRIES QUICKLY,  
UV PROTECTION



PRO

### HALF ZIP SWEATSHIRT 7048 SHV

Article no 122408

Contrast colour on shoulders and side panels / Half zip at front / Raglan sleeve / Rib-knitted cuffs and bottom / Tone-in-tone stitches / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% polyester, 25% cotton. **WEIGHT** 305 g/m². **COLOUR** 542 Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** XS-3XL. 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey XS-4XL.



556

TRANSPORTS  
MOISTURE,  
DRIES QUICKLY,  
UV PROTECTION



PRO

### SWEATSHIRT 7148 SHV

Article no 131763

Contrast colour on shoulders and side panels / Round neck / Rib-knitted neck and cuffs / Raglan sleeve / Tone-in-tone stitches / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% polyester, 25% cotton. **WEIGHT** 305 g/m². **COLOUR** 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** XS-3XL. 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey XS-4XL.





TRANSPORTS  
MOISTURE,  
DRIES QUICKLY,  
UV PROTECTION

## Fusion woman

See our feminine-fit  
Fusion garments on  
page 232. All knitted  
garments are unisex and  
work well for women.



FUSION



### LONG SLEEVE T-SHIRT 7071 THV

Article no 129025

Contrast colour on shoulders and side panels / Round neck / Rib-knitted neck and cuffs / Raglan sleeve / Tone-in-tone stitches / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 190 g/m². **COLOUR** 542 Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** XS-3XL. 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey XS-4XL.





Combine with  
matching warm  
jackets



**CORE**

COLOUR 940, 982  
SEE PAGE 9

DURABLE  
WITH  
REINFORCE-  
MENTS



### AIRTECH® WINTER JACKET 4058 GTC

Article no 127559

Airtech® breathable, water and windproof / Reinforced front, shoulders and sleeves / Quilted lining / Fleece-lined collar / Detachable lined hood adjustable with drawstring / Front placket opening with zip to top of collar and velcro fastening / 2 chest pockets with zip / 2 front pockets with zip / Map pocket with zip and inside mobile phone pocket, accessible when garment is closed / Zip in lining for easy embroidery and transfer / Adjustable drawstring at hem / Pre-shaped sleeves / Adjustable sleeve end with inner cuff / Reflective details at back / Waterpillar 10.000 mm / Airtech® material RET <12 / Garment approved according to EN 342 and EN 343 class 3/1. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3 / OEKO-TEX® certified.

**MATERIAL** 100% polyester. Lining in 100% polyester. Reinforcement in 100% polyester. **WEIGHT** Outer fabric 255 g/m², lining 195 g/m², reinforcement 300 g/m². **COLOUR** 586 Navy/Grey, 588 Blue/Grey, 796 Army Green/Black, 896 Grey/Black, 940 Black, 982 Black/Hi-Vis Yellow. **SIZE** XS-4XL.



**CORE**

COLOUR 940  
SEE PAGE 9



MICRO FLEECE  
WITH STRETCH  
PANELS  
BLACK UP  
TO 5XL



### MICRO FLEECE JACKET 4003 MFL

Article no 120966

Ventilating stretch panels at sides and cuffs / Full zip at front / 2 front pockets with zip.

**MATERIAL** Microfleece 100% polyester. Stretch fabric 92% polyester, 8% elastane. **WEIGHT** 170 g/m², stretch fabric 200 g/m². **COLOUR** 397 Red/Black, 598 Navy/Black, 796 Army Green/Black, 896 Grey/Black, 940 Black. **SIZE** XS-4XL. Black XS-5XL.



WINDPROOF  
AND WATER  
REPELLENT  
4-WAY STRETCH  
MATERIAL  
FLEXIBLE FIBRE  
FUR LINING



### SOFTSHELL WINTER JACKET 4060 CFJ

Article no 127188

Windproof and water-repellent / 4-way stretch material / Flexible fibre fur lining / Reinforcement on shoulders, elbow and in front / Detachable hood with adjustable strap and drawstring / Front opening with zip to top of collar and inside placket / Chest pocket with zip / 2 front pockets with zip / Extended back / Adjustable cuffs / OEKO-TEX® certified.

**MATERIAL** 87% polyester, 13% polyurethane. Reinforcement 100% polyester. **WEIGHT** 305 g/m².

**COLOUR** 387 Red/Grey, 540 Dark Navy, 588 Blue/Grey, 796 Army Green/Black, 996 Black/Grey. **SIZE** S-3XL.









# Service & Industry

Style, function and performance

We have a large selection of workwear for the service, industry, retail and distribution business. Garments that provide a perfect combination of function, comfort and durability and at the same time work optimally in smaller as well as larger operations. For a complete outfit, combine with T-shirts, polo shirts, shirts, sweatshirts and jackets. See "Tops" on page 52 and "Cold wind rain" page 116.

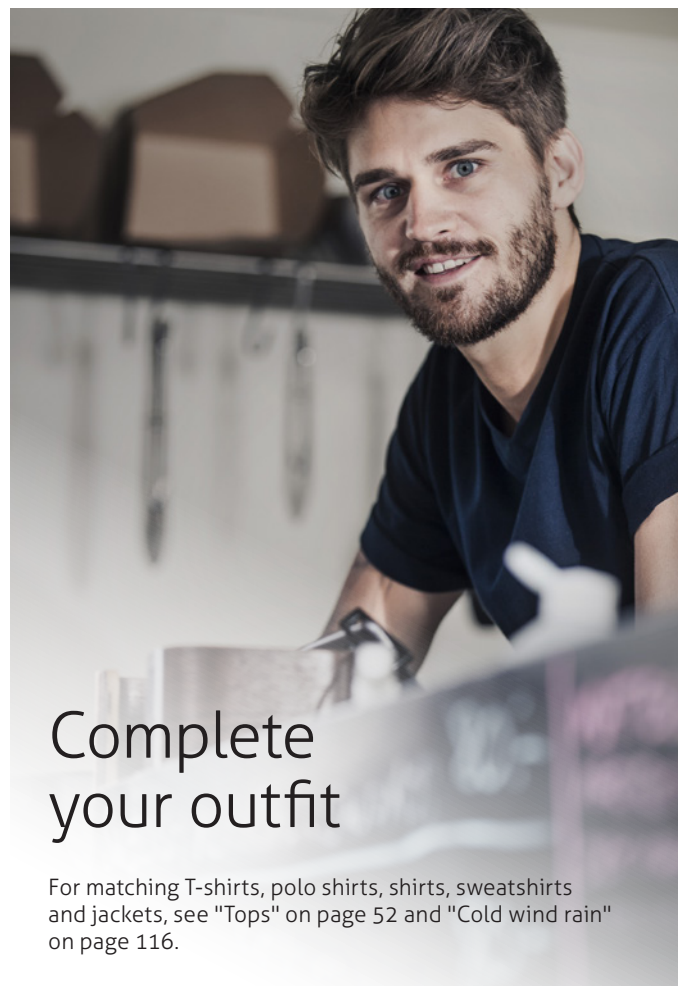




## Fristads Fusion

### The complete cross-over collection

A collection in 10 colours of flexible and durable garments with functional design and great fit. See pages 72-85.



## Complete your outfit

For matching T-shirts, polo shirts, shirts, sweatshirts and jackets, see "Tops" on page 52 and "Cold wind rain" on page 116.

## Well-dressed with all the features you need

We have a wide range of service trousers for both men and women to suit different types of work. All with one thing in common, they are designed with pockets and functions specially developed for service work. Choose the sporty stretch trousers, the comfortable stretch jeans, the really lightweight trousers or the heavy durable classic ones.





# Stretch trousers with high comfort

4-way stretch panels at waistband, sides and back yoke

D-ring for e.g. keys

Two back pockets with water-resistant zips

2 front pockets

Stretch panels at crotch and inner thigh

Folding rule pocket

Leg pocket with pen/tool pockets and a pocket with water-resistant zip

Leg pocket with mobile phone pocket, pen pockets and a pocket with water-resistant zip. Folding rule pocket

Pre-shaped knees with stretch panels

Adjustable leg length hem with 5 cm allowance



**SERVICE STRETCH TROUSERS 2700 PLW**

Art no 126515> Page 89

**SERVICE STRETCH TROUSERS WOMAN 2701 PLW**

Art no 126516> Page 228

BLACK 4-WAY  
STRETCH PANELS

**CORE**

COLOUR 940  
SEE PAGE 9

598 940



896



### SERVICE STRETCH TROUSERS 2526 PLW

Article no 121632

4-way stretch panels at back and knees / D-ring at waistband / Wide belt loop mid back / 2 front pockets / Side pocket with concealed zip / 2 back pockets with concealed zip / 2 thigh pockets with flap and velcro fastening, one with mobile phone pocket and pen pockets / Pre-shaped knees / Adjustable leg ends with drawstring / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. Stretch fabric 91% polyamide, 9% elastane. **WEIGHT** 220 g/m². Stretch 250 g/m². **COLOUR** 598 Navy/Black, 896 Grey/Black, 940 Black. **SIZE** C42-C66, C146-C160, D84-D120.



BLACK 4-WAY  
STRETCH PANELS

**CORE**

COLOUR 940  
SEE PAGE 9



SEE PAGE 228

796 896 940



598



### SERVICE STRETCH TROUSERS 2700 PLW

Article no 126515

4-way stretch panels at sides, yoke, crotch and knees / D-ring at waistband / 2 front pockets / 2 back pockets with water-repellent zip / 2 leg pockets with folding rule pocket and pocket with water-repellent zip. One with pen pockets, the other with mobile phone pocket with flap and velcro fastening and pen pockets / Adjustable leg length with 5 cm hem allowance / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. Stretch fabric 91% polyamide, 9% elastane. **WEIGHT** 220 g/m². Stretch 250 g/m². **COLOUR** 598 Navy/Black, 796 Army Green/Black, 896 Grey/Black, 940 Black. **SIZE** C42-C66, D84-D120.



BLACK 4-WAY  
STRETCH PANELS



SEE PAGE 228

598 796 940



896



### SERVICE STRETCH SHORTS 2702 PLW

Article no 126517

4-way stretch panels at sides, yoke, crotch and knees / D-ring at waistband / 2 front pockets / 2 back pockets with water-repellent zip / 2 leg pockets with folding rule pocket and pocket with water-repellent zip. One with pen pockets, the other with mobile phone pocket with flap and velcro fastening and pen pockets / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. Stretch fabric 91% polyamide, 9% elastane. **WEIGHT** 220 g/m². Stretch 250 g/m². **COLOUR** 598 Navy/Black, 796 Army Green/Black, 896 Grey/Black, 940 Black. **SIZE** C42-C66.





LIGHTWEIGHT  
4-WAY STRETCH  
PANELS



SEE PAGE 228



579



### SERVICE STRETCH TROUSERS 2540 LWR

Article no 130804

Lightweight ripstop fabric / 4-way stretch panels at sides, waist, crotch and knees / 2 side pockets with zip / 2 back pockets with flap / Double crotch seam / Leg pocket with extra pocket with flap / Leg pocket with extra pocket and mobile phone pocket with flap / Adjustable leg length with 5 cm hem allowance / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. Stretch fabric 92% polyester, 8% elastane. **WEIGHT** 165 g/m². Stretch fabric 205 g/m². **COLOUR** 299 Khaki/Black, 540 Dark Navy, 579 Navy/Blue, 796 Army Green/Black, 896 Grey/Black, 940 Black. **SIZE** C42-C66, D84-D120.



NEW

LIGHTWEIGHT  
4-WAY STRETCH  
PANELS



940



### SERVICE STRETCH SHORTS 2543 LWR

Article no 133276

Lightweight ripstop fabric / 4-way stretch panels at sides, waist and crotch / Double crotch seam / 2 slanting side pockets with zip / 2 back pockets with flap / Leg pocket with extra pocket with flap / Leg pocket with extra pocket and mobile phone pocket with flap / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. Stretch fabric 92% polyester, 8% elastane. **WEIGHT** 165 g/m². Stretch fabric 205 g/m². **COLOUR** 540 Dark Blue, 896 Grey/Black, 940 Black. **SIZE** C42-C66.



NEW

4-WAY FULL  
STRETCH  
LIGHTWEIGHT  
WITH KNEE  
POCKETS

Match with our  
Fusion collection



996



### STRETCH TROUSERS 2653 LWS

Article no 133394

Lightweight 4-way stretch fabric / Durable ripstop 4-way stretch panels at upper front and back / Concealed front button / 2 front pockets / 2 back pockets with zip / Double reinforced crotch seam / Folding rule pocket in ripstop stretch with leg pocket, pocket with zip, 3 tool pockets and button and loop for sheath knife / Leg pocket with snap fastener, pocket with zip, mobile phone pocket and ID card pocket with flap, D-ring under flap / Ripstop stretch knee pockets with outside opening from above with velcro fastening / Height adjustment for knee pads in knee pockets / Reflective details at knees and leg ends / Ripstop reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** Stretch fabric 92% polyester, 8% elastane. Ripstop stretch fabric 87% polyamide, 13% elastane. **WEIGHT** 205 g/m². Ripstop stretch fabric 250 g/m². **COLOUR** 540 Dark Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 896 Grey/Black, 940 Black, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** C42-C62, C146-C156.



SOFT STRETCH  
MATERIAL

TRANSPORTS  
MOISTURE

Combine with tights  
see page 25

Add nail pockets  
see page 43



940



### FRIWEAR JOGGER SHORTS 2686 SSL

Article no 129492

4-way stretch material / Waistband in woven fabric with elastic insets and drawstring / Zip fly / 2 front pockets with zip / 2 back pockets with zip / Hammer loop / Double reinforced crotch seam / 2 leg pockets, one with mobile phone pocket / Elastic ribbon at leg end / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 250 g/m². **COLOUR** 940 Black. **SIZE** XS-4XL.



CORDURA®  
DENIM 4-WAY  
FULL STRETCH

**CORE**

SEE PAGE 9



SEE PAGE 229

545



940



## SERVICE DENIM STRETCH TROUSERS 2501 DCS

Article no 115699

CORDURA® denim 4-way stretch / 2 front pockets, one with coin pocket / 2 back pockets / Button fly / D-ring at waistband / Leg pocket with flap and velcro fastening, mobile phone pocket and pen pockets / Folding rule pocket / OEKO-TEX® certified.

**MATERIAL** 73% cotton, 17% polyamide, 8% elastomultiester, 2% elastane. **WEIGHT** 322 g/m². **COLOUR** 545 Indigo Blue, 940 Black. **SIZE** C42-C66, C146-C160, D84-D120.



CORDURA®  
DENIM 4-WAY  
FULL STRETCH



SEE PAGE 229



545



## DENIM STRETCH TROUSERS 2623 DCS

Article no 131161

CORDURA® denim 4-way stretch / Zip fly / 2 front pockets, one with coin pocket / 2 back pockets / Reinforced rivets at stress points / OEKO-TEX® certified.

**MATERIAL** 73% cotton, 17% polyamide, 8% elastomultiester, 2% elastane. **WEIGHT** 322 g/m². **COLOUR** 545 Indigo Blue. **SIZE** C44-C62, C148-C156, D84-D120.



MECHANICAL  
STRETCH  
ENHANCED  
VISIBILITY

Roomy leg pocket  
e.g. for handheld  
terminal

Dark grey  
reflective tape



940



## SERVICE TROUSERS 2116 STFP

Article no 121732

Mechanical stretch fabric / Dark grey reflective tape at leg end / Concealed front button / 2 front pockets / 2 back pockets / Large bellowed leg pocket and document pocket with flap and velcro fastening / Leg pocket with flap and velcro fastening, mobile phone pocket with flap and velcro fastening and 2 pen pockets / Adjustable leg length with 5 cm hem allowance.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 260 g/m². **COLOUR** 940 Black. **SIZE** C42-C66, D84-D120.



MECHANICAL  
STRETCH



SEE PAGE 231



940



**PRO**

## SERVICE TROUSERS 2100 STFP

Article no 121671

Mechanical stretch fabric / Concealed front button / 2 front pockets / 2 back pockets / 2 leg pockets with flap and velcro fastening, mobile phone pocket with flap and velcro fastening and 2 pen pockets / Adjustable leg length with 5 cm hem allowance / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 260 g/m². **COLOUR** 940 Black. **SIZE** C42-C66, D84-D120.







### SHORTS 254 BPC

Article no 100128

2 front pockets / 2 bellowed back pockets / 2 bellowed leg pockets, one with velcro fastening, the other with mobile phone pocket with flap, pen pocket and 2 extra pockets / D-ring / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester, brushed on reverse side. **WEIGHT** 300 g/m². **COLOUR** 210 Khaki, 540 Dark Navy, 930 Grey, 940 Black. **SIZE** 210 Khaki, 540 Dark Navy: C44-C62. 930 Grey, 940 Black: C44-C66.



940



930



### SERVICE TROUSERS 232 LUXE

Article no 100457

2 front pockets / Side pocket with zip / 2 back pockets / Waistband with built-in elastic, adjusts to the waist / Leg pocket with zip / Mobile phone pocket with zip, tool pocket and pen pocket / Pre-shaped knees / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 295 g/m². **COLOUR** 930 Grey, 940 Black. **SIZE** C44-C66, C144-C156, D96-D120.



940



539



### SERVICE TROUSERS 233 LUXE

Article no 100458

2 front pockets / 2 back pockets with flap with velcro and snap fastening / D-ring at waistband / 2 large leg pockets with flap, velcro and snap fastening, one with phone pocket and folding rule pocket, the other with pen pockets and ID-card pocket / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 295 g/m². **COLOUR** 539 True Navy, 940 Black. **SIZE** C42-C66, C146-C156, D96-D120.



940

DURABLE  
COTTON DENIM

Discontinued article.  
Available while stock lasts.



545



### DENIM TROUSERS 273 DY

Article no 100264

2 front pockets, one with coin pocket / 2 back pockets / Leg pocket with zip / Multifunction pocket with folding rule pocket, pen pocket and mobile phone pocket with flap and velcro fastening / OEKO-TEX® certified.

**MATERIAL** 100% cotton denim, unwashed. **WEIGHT** 390 g/m². **COLOUR** 545 Indigo Blue. **SIZE** C44-C62, C146-C156, D92-D120







ACODE POLO SHIRT WOMAN 7651 PIQ  
Art no 129477> Page 237

SERVICE STRETCH TROUSERS WOMAN 2701 PLW  
Art no 126516> Page 228





# Industry

## Function and performance throughout the shift

In close collaboration with users in various industries, we have developed garments that meet high industrial demands and live up to the needs for function, comfort, durability and protection.

- Thoroughly tested materials with high durability and comfort
- Carefully designed fit for great comfort
- Function and design developed in close collaboration with users
- All P154 garments are leasing-laundry tested according to ISO 15797 and PRO-labelled
- The garments are designed to provide ample space for profiling with a company logo
- All garments are OEKO-TEX® certified

## PRO

### Fristads quality – even after several washes

As a given Fristads quality statement the industrial workwear range in P154 quality is PRO-labelled. PRO-labelling states that the product is proofed for industrial laundry procedures according to ISO 15797. In addition, our garments are tested in some of Europe's largest laundries in cooperation with our customers.

ISO 15797 is not a standard to which a garment can be certified. It's a specialised test method for industrial laundries where the PRO-labelling states the laundry procedure. Look for the PRO sign next to the article to see if the garment is PRO-labelled.

# Comfortable and durable for all types of industrial work

Triple-stitched seams provide greater durability

Two chest pockets with flap and snap fastening, one with pen pocket

Inside mobile phone pocket with velcro fastening

Inside pocket

Designed to provide ample space for profiling with company logo

Front pockets

Concealed zip

Adjustable cuffs

Front pockets

Two back pockets, one with flap

Leg pocket with inside folding rule pocket – comfortably positioned over the side seam – and three extra pockets

Leg pocket with flap and mobile phone pocket with flap



## **JACKET 480 P154**

Art no 100434> Page 97

## **TROUSERS 280 P154**

Art no 100427> Page 96



# P154

The P154 collection is made from a lightweight and comfortable material offering exceptional durability. Perfect for many types of industrial work and also work in high-temperature environments.



WITH KNEE POCKETS



940 941



940



## TROUSERS 2580 P154

Article no 117751

2 front pockets / 2 back pockets, one with flap / Leg pocket with inside folding rule pocket over side seam and 3 extra pockets / Leg pocket with outside mobile phone pocket with flap and velcro fastening / Knee pockets with outside opening / Height adjustment for knee pads in knee pocket / Triple needle stitching / Approved according to EN 14404 together with kneepads 124292 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 245 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** C44-C62, C146-C156, D84-D120.



ALSO IN COTTON  
SEE PAGE 98



SEE PAGE 231

**CORE**

SEE PAGE 9



540 941



940



## TROUSERS 280 P154

Article no 100427

Two front pockets / Two back pockets, one with flap / Leg pocket with inside folding rule pocket over side seam and three extra pockets / Leg pocket with outside mobile phone pocket with flap and velcro fastening / Triple-needle stitching / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 245 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** C44-C62, C146-C156, D84-D120. 540 Dark Navy, 940 Black: C44-C62, C146-C156, D84-D132.



UP TO 5XL  
IN BLACK AND  
DARK NAVY  
ALSO IN COTTON  
SEE PAGE 98



### JACKET 480 P154

Article no 100434

Front placket opening with zip and snap fastening / Two chest pockets with flap, one with pen pocket / Inside pocket / Inside mobile phone pocket with velcro / Two front pockets / Adjustable waist and cuffs / Triple-needle stitching / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 245 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** XS-3XL. 540 Dark Navy and 940 Black XS-5XL.



### SHORTS 2508 P154

Article no 117219

2 front pockets / 2 back pockets, one with flap / Leg pocket with inside folding rule pocket over side seam and 3 extra pockets / Leg pocket with outside mobile phone pocket with flap and velcro fastening / Triple-needle stitching / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 245 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** C44-C62.



### BIB'N'BRACE 81 P154

Article no 100436

Adjustable waist / Two front pockets / Two back pockets, one with flap / Two chest pockets, one with flap / Leg pocket with inside folding rule pocket over side seam and three extra pockets / Leg pocket with outside mobile phone pocket with flap and velcro fastening / Triple needle stitching / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 245 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** C44-C62, C146-C156. 540 Dark Navy C44-C62, C146-C156, D84-D132.



### COVERALL 880 P154

Article no 100438

Front placket opening with zip and snap fastening / Two chest pockets with flap, one with pen pocket / Adjustable waist and cuffs / Two front pockets / Two back pockets, one with flap / Side openings / Leg pocket with inside folding rule pocket over side seam and three extra pockets / Leg pocket with outside mobile phone pocket with flap and velcro fastening / Knee pockets with outside opening / Height adjustment for knee pads in knee pocket / Triple-needle stitching / Approved according to EN 14404 together with kneepads 124292 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 245 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** Regular: XS-2XL, Tall: S-L, Short: S-XL.





100%  
COTTON



SEE PAGE 231



940



540



PRO

## JACKET 480 KC

Article no 130154

Front placket opening with zip and concealed snap fastening / Two chest pockets with flap, one with pen pocket / Inside pocket / Inside mobile phone pocket with velcro / Two front pockets / Adjustable waist and cuffs / Triple-needle stitching / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 100% cotton. **WEIGHT** 350 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-5XL.



100%  
COTTON



SEE PAGE 231

540



940



PRO

## TROUSERS 280 KC

Article no 130153

2 front pockets / 2 back pockets, one with flap / Leg pocket with inside folding rule pocket over side seam and 3 extra pockets / Leg pocket with flap and outside mobile phone pocket with flap / Triple-needle stitching / Adjustable leg length with 5 cm hem allowance / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 100% cotton. **WEIGHT** 350 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** C44-C62, D84-D120.



FAS® COTTON  
WITH ZIP



541



## COTTON COVERALL 880 FAS

Article no 100319

FAS® cotton twill / Front placket opening with zip and snap fastening / 2 chest pockets with flap, one with pen pocket / 2 front pockets / 2 back pockets, one with flap / Side openings / Leg pocket over side seam with inside folding rule pocket and 3 extra pockets / Leg pocket with flap / Mobile phone pocket with flap / Knee pockets with outside opening / Adjustable waist and cuffs / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** FAS®, Fristads best twill, 100% cotton. **WEIGHT** 375 g/m². **COLOUR** 541 Blue.

**SIZE** Regular: XS-2XL, Tall: S-L, Short: S-3XL.



FAS® COTTON  
WITH BUTTONS



541



## COTTON COVERALL 881 FAS

Article no 100320

FAS® cotton twill / Concealed buttoning at front / 2 chest pockets with flap, one with pen pocket / 2 front pockets / 2 back pockets, one with flap / Side openings / Leg pocket over side seam with inside folding rule pocket and 3 extra pockets / Leg pocket with flap / Mobile phone pocket with flap / Knee pockets with outside opening / Adjustable waist and cuffs / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** FAS®, Fristads best twill, 100% cotton. **WEIGHT** 375 g/m². **COLOUR** 541 Blue.

**SIZE** Regular: XS-2XL, Tall: S-L, Short: S-3XL.





### COAT 3001 P154

Article no 100761

Front placket opening with snap fastenings / Two chest pockets / Two side pockets / Inside pocket / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 245 g/m². **COLOUR** 540 Dark Navy, 900 White, 941 Dark Grey. **SIZE** S-4XL.



## Coverall for decontamination

This coverall is specially developed and certified for different forms of decontamination work. The uniquely designed stitched seams and tightly woven Polydex fabric prevent the ingress of small particles.



EN 13982

### EN ISO 13982-1:2004/A1:2010

Protective clothing for use against solid particulates. The standard specifies the minimum requirements for chemical protective clothing resistant to penetration by airborne solid particles. Additional partial body protection may be required such as hoods, gloves, boots, visors or respiratory protective equipment.



### COVERALL 8018 AD

Article no 122289

Adapted for decontamination work / Polydex material with soft nap on reverse side / Dirt, oil and water-repellent / Adjustable hood / Elasticated back / Concealed zip with velcro fastening / Elasticated drawstring at cuffs and leg bottoms / Approved according to EN ISO 13982 / OEKO-TEX® certified.

**MATERIAL** Polydex, 100% polyester. **WEIGHT** 245 g/m². **COLOUR** 940 Black. **SIZE** S-2XL.



LAB COAT



### COTTON COAT 103 P92

Article no 100464

Snap fastenings / 2 front pockets / 2 chest pockets / Adjustable cuffs / Side vents / OEKO-TEX® certified.

**MATERIAL** 100% cotton. **WEIGHT** 240 g/m². **COLOUR** 900 White. **SIZE** XS-2XL.



LAB COAT  
WOMAN



### COTTON COAT WOMAN 163 P92

Article no 100465

Snap fastenings / 2 front pockets / 2 chest pockets / Adjustable cuffs / OEKO-TEX® certified.

**MATERIAL** 100% cotton. **WEIGHT** 240 g/m². **COLOUR** 900 White. **SIZE** XS-2XL.







# Food Industry

Comfortable and hygienic for very demanding requirements

This collection has been specially developed to meet the challenges faced by industry, manufacturing and handling where hygiene requirements are crucial. Comfortable clothing that is light, durable and satisfies strict laundering requirements.

# Fristads Food collection is designed to comply with DIN 10524

Fristads Food is a collection where all garments are specifically designed to comply with the different food risk areas stated in DIN 10524. As an example, workwear worn in high risk areas are not allowed to have external openings and fasteners must be made of metal. All garments in Fristads Food assortment are approved for industrial laundering.



## What does DIN 10524 mean?

DIN 10524 standard "Food hygiene – Workwear in food business" provides instructions for the food industry relating to manufacturing and handling where hygiene requirements are crucial. The aim is to avoid contamination of food products caused by unsuitable or inappropriate workwear.

DIN 10524 is based on three hygiene risk levels; low, high and maximum. The correct hygiene risk level is dependent on the type of product that is handled.

Low risk: Handling of non-perishable foodstuffs, e.g. pasta.

High risk: Handling of unpacked, perishable foodstuffs processed in an industrial manner, e.g. raw meat.

Maximum risk: Handling of unpacked and ready to eat foodstuffs that will not be heated further, e.g. salads.

ART NO	STYLE	RISK LEVEL DIN 10524
113840	Food long coat 3004 P154	High risk
114139	Food polo shirt 7605 PM	High risk
113842	Food shirt 7000 P159	Maximum risk
113843	Food shirt 7001 P159	High risk
113841	Food short coat 3003 P154	High risk
113839	Food trousers 2079 P154	Low risk*
120008	Food trousers 2082 P154	High risk**
122031	Food trousers 260 P154	Low risk*

\* Can be combined with High risk coats, shirt and polo shirt.

\*\* Can be combined with Maximum risk shirt

## PRO

## Fristads quality – even after several washes

As a given Fristads quality statement the industrial workwear range is PRO-labelled. PRO-labelling states that the product is proofed for industrial laundry according to ISO 15797. In addition, our garments are tested in some of Europe's largest laundries in co-operation with our customers.

ISO 15797 is not a standard to which a garment can be certified. It's a specialised test method for industrial laundries where the PRO-labelling states the laundry procedure. Look out for the PRO sign next to the article to see if the garment is PRO-labelled.



# Perfect for environments where hygiene requirements are crucial

- Tested for industrial laundering ISO 15797
- OEKO-TEX® certified
- Complies with DIN 10524 standard
- Sizes from 2XS-4XL

Metal snap fasteners

Inner pocket

Pockets with concealed snap fastening

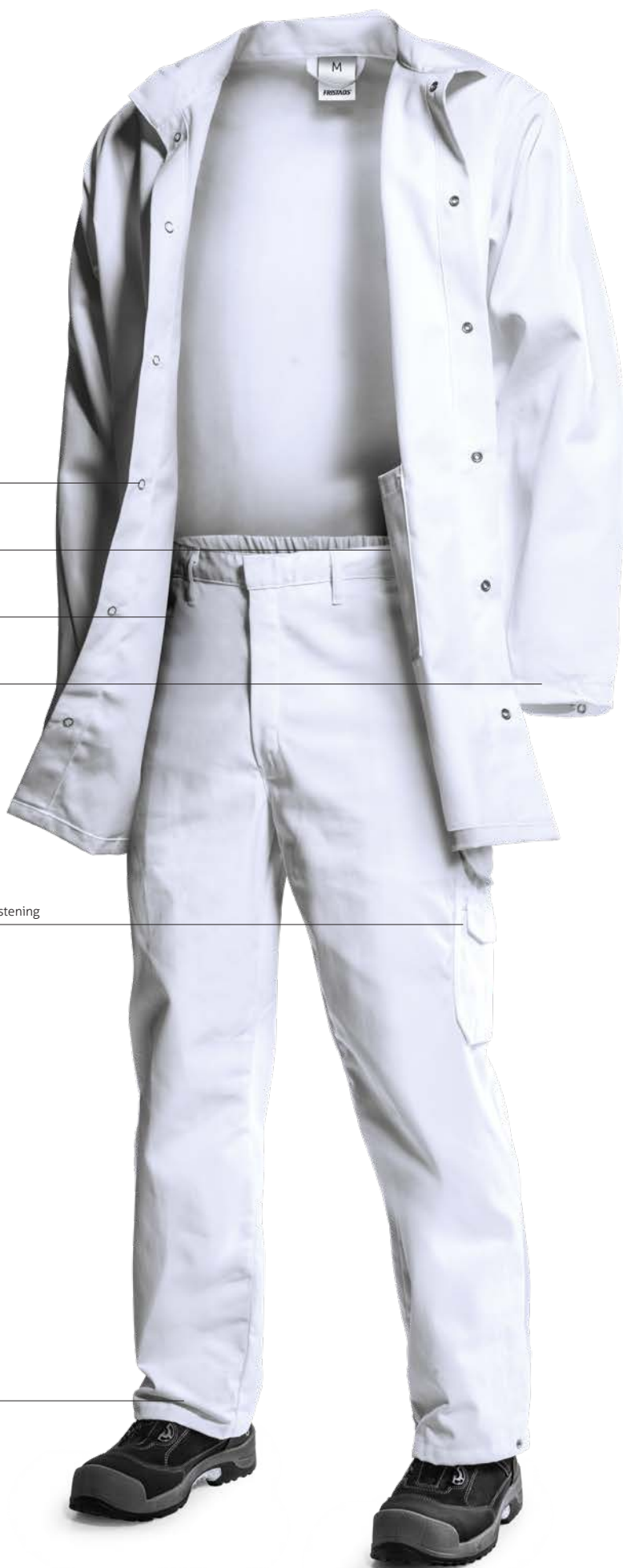
Adjustable sleeve ends

Leg pocket and mobile phone pocket with flap and concealed snap fastening

Adjustable leg ends

**FOOD SHORT COAT 3003 P154**  
Art no 113841> Page 103

**FOOD TROUSERS 2079 P154**  
Art no 113839> Page 103



AVAILABLE  
FROM 2XS

**RISK LEVEL DIN 10524**  
HIGH RISK



**PRO**

### FOOD LONG COAT 3004 P154

Article no 113840

Complies with DIN 10524 standard / Adjustable cuffs / Inside pocket / Side vents / Zone marking possible with subliminal transfer or embroidery / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 245 g/m². **COLOUR** 900 White. **SIZE** 2XS-4XL.



AVAILABLE  
FROM 2XS

**RISK LEVEL DIN 10524**  
HIGH RISK



**PRO**

### FOOD SHORT COAT 3003 P154

Article no 113841

Complies with DIN 10524 standard / Adjustable cuffs / Inside pocket / Zone marking possible with subliminal transfer or embroidery / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 245 g/m². **COLOUR** 900 White. **SIZE** 2XS-4XL.



AVAILABLE  
FROM 2XS

**RISK LEVEL DIN 10524**  
LOW RISK

Can be combined with  
High risk coats, shirt  
and polo shirt to reach  
High risk.



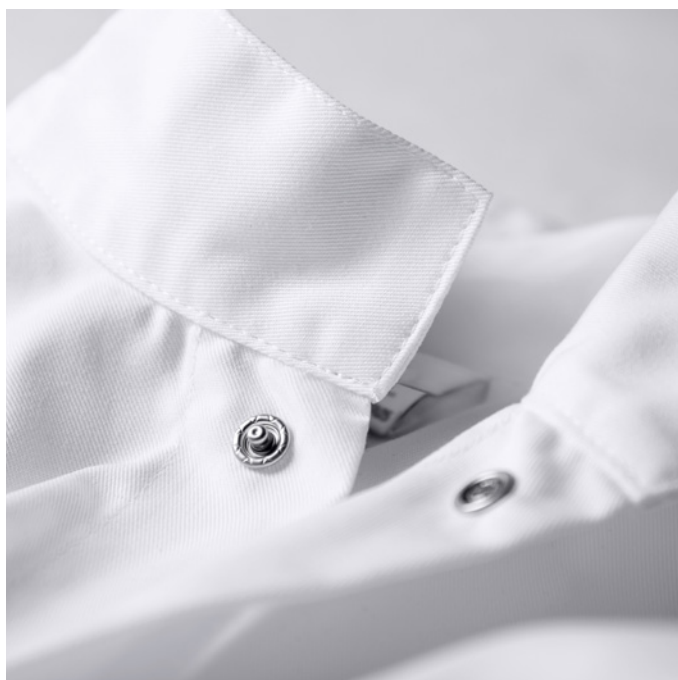
**PRO**

### FOOD TROUSERS 2079 P154

Article no 113839

Complies with DIN 10524 standard / Adjustable waist with elastic in back / Adjustable leg ends / 2 front pockets with concealed snap fastening / Leg pocket and phone pocket with flap and concealed snap fastening / Zone marking possible with subliminal transfer or embroidery / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 245 g/m². **COLOUR** 900 White. **SIZE** 2XS-4XL.



## P154 MATERIAL

P154 is a well-tested material for industrial garments. A perfect combination of durability and comfort that naturally meets strict laundering requirements. 65% polyester, 35% cotton. Weight 245 g/m².



AVAILABLE  
FROM 2XS

**RISK LEVEL**  
**DIN 10524**  
HIGH RISK



900



### FOOD SHIRT 7001 P159

Article no 113843

Complies with DIN 10524 standard / Side vents / Zone marking possible with subliminal transfer or embroidery / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 210 g/m². **COLOUR** 900 White. **SIZE** 2XS-4XL.



AVAILABLE  
FROM 2XS

**RISK LEVEL**  
**DIN 10524**  
MAXIMUM RISK  
Combine with  
trousers 2082  
P154 to maintain  
Maximum risk.



900



### FOOD LONG SLEEVE SHIRT 7000 P159

Article no 113842

Complies with DIN 10524 standard / Adjustable cuffs / Side vents / Zone marking possible with subliminal transfer or embroidery / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 210 g/m². **COLOUR** 900 White. **SIZE** 2XS-4XL.



AVAILABLE  
FROM 2XS

**RISK LEVEL DIN 10524**  
HIGH RISK

Can be combined with  
shirt 7000 P159 to  
reach Maximum risk.



900



### FOOD TROUSERS 2082 P154

Article no 120008

Complies with DIN 10524 standard / Elasticated waist with drawstring / Adjustable leg ends with snap fastening / Zone marking possible with subliminal transfer or embroidery / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 245 g/m². **COLOUR** 900 White. **SIZE** 2XS-4XL.



AVAILABLE  
FROM 2XS

**RISK LEVEL DIN 10524**  
LOW RISK

Can be combined with  
High risk coats, shirt  
and polo shirt to reach  
High risk.



900



### FOOD TROUSERS 260 P154

Article no 122031

Complies with DIN 10524 standard / Elasticated waist with drawstring / 2 front pockets with concealed snap fastening / 1 back pocket with flap and snap fastening / Folding rule pocket / Leg pocket with flap and snap fastening, phone pocket with flap and velcro fastening / Adjustable leg ends with snap fastening / Zone marking possible with subliminal transfer or embroidery / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 245 g/m². **COLOUR** 900 White. **SIZE** 2XS-4XL.





900



PRO

### HEAVY T-SHIRT 7603 TM

Article no 114137

Rib-knit round neck / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 200 g/m². **COLOUR** 900 White. **SIZE** XS-4XL.



900

**RISK LEVEL DIN 10524**  
HIGH RISK



PRO

### FOOD POLO SHIRT 7605 PM

Article no 114139

Complies with DIN 10524 standard / Front placket with concealed metal snap fastening / Zone marking possible with subliminal transfer or embroidery / Leasing-laundry tested according to ISO 15797.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 240 g/m². **COLOUR** 900 White. **SIZE** XS-4XL.



900



### FOOD CAP 560 P159

Article no 100451

Hairnet / Velcro-adjustable neck / Zone marking possible with subliminal transfer or embroidery.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 210 g/m². **COLOUR** 900 White. **SIZE** One size.



900



### FOOD APRON 705 P92

Article no 100466

Waist ties / Length approx. 70 cm / Zone marking possible with subliminal transfer or embroidery / OEKO-TEX® certified.

**MATERIAL** 100% cotton. **WEIGHT** 240 g/m². **COLOUR** 900 White. **SIZE** One size.







# Industry ESD

Reduce the risk for electrostatic discharge

The human body is an excellent conductor of electricity. Just by walking around, we can build up a static charge of several thousand volts. ESD-related damage is a common source of faults during the production of electronics. The right workwear combined with other ESD-certified equipment is the only way to guarantee that your products are not exposed to discharge.

# Our ESD collection focuses on comfort

D-ring

2 front pockets

2 back pockets

Leg bellow pocket with flap and velcro fastening

Pen pockets and mobile phone pocket with flap and velcro fastening

Light and flexible material especially developed for the production and assembly of ESD sensitive products

OEKO-TEX® certified

Adjustable leg length with 5 cm hem allowance



**ESD TROUSERS 2080 ELP**

Art no 120954> Page 109

## XTM | XPM MATERIAL

XTM and XPM are comfortable materials in strong single jersey made from 48% cotton, 48% polyester and 4% conductive fibres. The materials have been especially developed for the production and assembly of ESD sensitive products. They have been tested according to the IEC61340 standard and meet the requirements for use in protected areas – Electrostatic Protected Area (EPA).

## XSM MATERIAL

XSM is a soft knitted sweatshirt material that is a blend of cotton, polyester and conductive fibres. The material has been especially developed for the production and assembly of ESD sensitive products. It is approved according to the IEC 61340 standard and meets the requirements for use in protected areas – Electrostatic Protected Area (EPA).

## ELP MATERIAL

ELP is a light and flexible twill made from 67% polyester, 31% cotton and 2% conductive fibres, which provides good conductivity. The material has been especially developed for the production and assembly of ESD sensitive products. It is approved according to the IEC 61340 standard and meets the requirements for use in protected areas – Electrostatic Protected Area (EPA).



# Specially developed workwear

All garments contain conductive fibres that conduct static electricity away. The entire collection is approved according to the IEC 61340 standard and meets the requirements for use in protected areas – Electrostatic Protected Area (EPA).

## Electrostatic Protected Area (EPA)

The EPA areas are set up to prevent ESD damage associated with the production of sensitive electronic products. The EPA areas must be free of objects that can collect charge. There are usually requirements for the ESD certification of all equipment, all materials and all fittings within the EPA areas. Our products for working in EPA environments are approved by RISE – Research Institutes of Sweden ([www.ri.se](http://www.ri.se)).

UP TO 5XL



940



540



### ESD LONG SLEEVE T-SHIRT 7082 XTM

Article no 120958

Long-sleeved / Round neck / Rib-knitted neck and cuffs / Approved according to IEC 61340.

**MATERIAL** 48% cotton, 48% polyester, 4% conductive fiber. **WEIGHT** 190 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-5XL.



UP TO 5XL



940



540



### ESD POLO SHIRT 7080 XPM

Article no 120956

Short-sleeved / Front placket with button fastening / Approved according to IEC 61340.

**MATERIAL** 48% cotton, 48% polyester, 4% conductive fiber. **WEIGHT** 210 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-5XL.



UP TO 5XL



540



940



### ESD T-SHIRT 7081 XTM

Article no 120959

Short-sleeved / Round neck / Approved according to IEC 61340.

**MATERIAL** 48% cotton, 48% polyester, 4% conductive fiber. **WEIGHT** 190 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-5XL.



UP TO 5XL



540



940

**ESD SWEATSHIRT 7083 XSM**

Article no 125037

Round neck / Rib-knitted cuffs and hem / Approved according to IEC 61340 / OEKO-TEX® certified.

**MATERIAL** 48% cotton, 48% polyester, 4% conductive fiber. **WEIGHT** 300 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-5XL.

UP TO 5XL



940



540

**ESD SWEAT JACKET 4080 XSM**

Article no 121675

Full zip at front / Front pockets / Rib-knitted cuffs and hem / Approved according to IEC 61340.

**MATERIAL** 48% cotton, 48% polyester, 4% conductive fiber. **WEIGHT** 300 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-5XL.

900

940

941



540

**ESD COAT 3080 ELP**

Article no 120955

Concealed press buttons at front placket / Chest pocket with pen pocket, flap with press button / 2 front pockets with flaps with press buttons / Slit at bottom mid back / Adjustable sleeve end with snap fastening / Approved according to IEC 61340 / OEKO-TEX® certified.

**MATERIAL** 67% polyester, 31% cotton, 2% conductive fiber. **WEIGHT** 192 g/m². **COLOUR** 540 Dark Navy, 900 White, 940 Black, 941 Dark Grey. **SIZE** XS-3XL.

540



940

**ESD TROUSERS 2080 ELP**

Article no 120954

2 front pockets / 2 back welt pockets / D-ring at waistband / Leg bellow pocket with flap and velcro fastening, pen pockets and mobile phone pocket with flap and velcro fastening / Adjustable leg length with 5 cm hem allowance / Approved according to IEC 61340 / OEKO-TEX® certified.

**MATERIAL** 67% polyester, 31% cotton, 2% conductive fiber. **WEIGHT** 192 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** C44-C62.





# Industry Cleanroom

Workwear for cleanrooms and controlled environments

Cleanrooms and other controlled environments require clothes that act like a filter and catch the millions of particles that are emitted from our bodies every minute. Our clothes and accessories for cleanrooms are manufactured in technically advanced synthetic materials that don't pollute the air with particles or fibres. They are also comfortable, moisture-wicking and designed for maximal range of motion.

## What is a cleanroom?

A cleanroom is an environment with a controlled level of pollutants such as dust, airborne microbes, aerosols (gas with particles) and chemical vapours. The pollution level is specified as the number of particles equal to or greater than 0.5 micrometers (abbreviated as  $\mu\text{m}$  = one millionth of a metre) per cubic metre of air. A hair is approximately 100 micrometres ( $\mu\text{m}$ ), so the particles we are talking about are extremely small. To provide further perspective, normal outdoor air in an urban environment contains approx. 35,000,000 particles equal to or greater than 0.5 micrometers ( $\mu\text{m}$ ) per  $\text{m}^3$  while a cleanroom of ISO class 3 is permitted to contain no more than 35 particles of the same size.

## Why does a cleanroom need to be so clean and how is this achieved?

After World War II technical development underwent significant expansion, but this was soon accompanied by problems. Aircraft flew off course, computers lost memory, hospital infections increased and road traffic sometimes came to a standstill because the traffic lights refused to change from red to green. It was discovered that the cause of this was the pollutants built in during the manufacture of technical equipment and medical devices. The smaller the components people tried to use, the worse the problem got. The first cleanrooms were built in the 1960s, and with the aid of a constant flow of air filtered through what is known as a HEPA (high-efficiency particulate air) filter, it was possible to successfully lower and control particle levels in a very effective manner.

## Keeping an empty room clean is not the biggest challenge

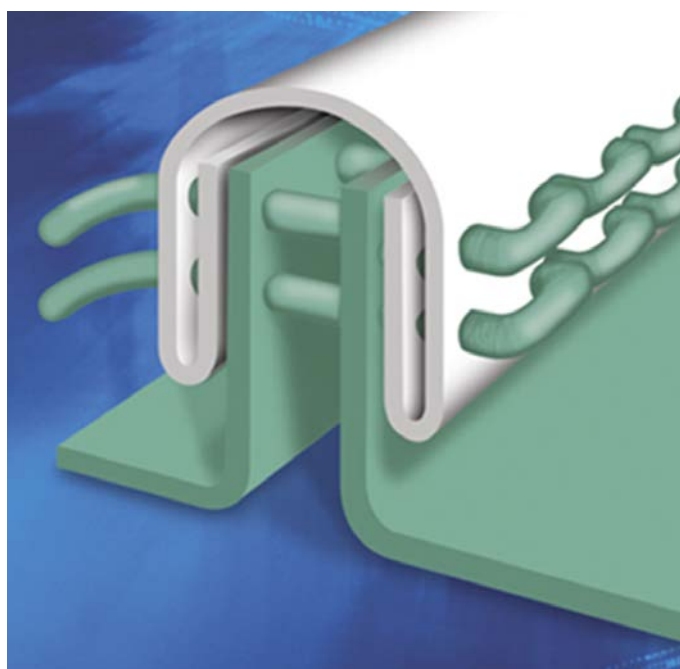
The problems start when you put equipment into the room – and people to handle the equipment. People give off hundreds of thousands of particles in the form of skin cells, micro-organisms and hair, and for every minute that goes by, and the more we move, the more particles we give off. In practice, this requires putting filters around the human body to prevent particles from entering the air.

Fristads has manufactured clothing for cleanrooms and controlled environments since 1996.

ISO CLASS	MAX. NUMBER OF PARTICLES PER $\text{m}^3 \geq 0,5\mu\text{m}$
1	*
2	*
3	35
4	352
5	3 520
6	35 200
7	352 000
8	3 520 000
9	35 200 000 (normal room air)

\* According to ISO 14644-1: Sampling and statistical limitations for particles in low concentrations make classification inappropriate

ISO CLASS 3	ISO CLASS 4
Suit recommendations: Hood Hair cap Coverall Underwear Boots Face mask Gloves <i>Change interval: Each time cleanroom is entered</i>	Suit recommendations: Hood Hair cap Coverall Underwear Boots Face mask Gloves <i>Change interval: Each time cleanroom is entered</i>
ISO CLASS 5	ISO CLASS 6
Suit recommendations: Hood Hair cap Coverall Underwear Boots Face mask Gloves <i>Change interval: Every day</i>	Suit recommendations: Hood or hair cap Coverall or coat Boots or shoe protectors Face mask Gloves <i>Change interval: Twice a week</i>
ISO CLASS 7	ISO CLASS 8
Suit recommendations: Hair cap Coat Shoe protectors Face mask Gloves <i>Change interval: Twice a week</i>	Suit recommendations: Hair cap Coat Shoe protectors Face mask Gloves <i>Change interval: Twice a week</i>



## This is why we only use synthetic fibres

Workwear for cleanrooms must not give off particles or fibres. Cotton and other natural materials are woven from short fibres that detach easily and are therefore unsuitable. Cleanroom clothes consist of synthetic fibres – filament polyester, i.e. endless fibres.

## The Fristads “bound seam”

Our bound seam is a refined version of the standard bound. It is more impermeable because the hem is like a hood. It is stronger because double rows of stitches each pass through six layers of fabric. It is safer because the carbon filaments woven into the hem produce good electrostatic discharge, even after repeated washes.



# XR50 material

XR50 has exceptionally good properties and has no change in pore size after 50 washes and autoclave cycles. The fabric consists of 97 % polyester and 3 % conductive fibre. In other words, it is extremely well suited for use in sterile environments.



## CLEANROOM COAT 1R011 XR50

Article no 100647

Concealed zip / Side vents / Round neck with snap fastening / Elasticated cuffs / Raglan sleeves / Impermeable bound seam / Autoclavable / ISO class 7 / OEKO-TEX® certified.

**MATERIAL** 97% polyester, 3% conductive fibres. **WEIGHT** 110 g/m². **COLOUR** 500 Pale Blue, 730 Green, 900 White. **SIZE** XS-3XL.



## CLEANROOM COVERALL 8R012 XR50

Article no 100650

Concealed zip / Round neck with snap fastening / Elasticated cuffs / Elasticated leg ends / Raglan sleeves / Impermeable bound seam / Autoclavable / ISO class 3 / OEKO-TEX® certified.

**MATERIAL** 97% polyester, 3% conductive fibres. **WEIGHT** 110 g/m². **COLOUR** 500 Pale Blue, 730 Green, 900 White. **SIZE** Regular: XS-4XL 900 White XS-3XL.



## CLEANROOM HOOD 5R011 XR50

Article no 101083

Zip at front for closure / Adjustable snap fastenings at back / Full shoulder cover / Impermeable bound seam / Autoclavable / ISO class 3 / OEKO-TEX® certified.

**MATERIAL** 97% polyester, 3% conductive fibres. **WEIGHT** 110 g/m². **COLOUR** 500 Pale Blue, 900 White. **SIZE** XS-2XL.



## CLEANROOM HOOD 5R181 XR50

Article no 100649

Adjustable with tie tape at back / Full shoulder cover / Opening for goggles / Impermeable bound seam / Autoclavable / ISO class 3 / OEKO-TEX® certified.

**MATERIAL** 97% polyester, 3% conductive fibres. **WEIGHT** 110 g/m². **COLOUR** 500 Pale Blue, 730 Green, 900 White. **SIZE** One size.



## CLEANROOM HOOD 9206 XR50

Article no 131230

Generous fit for comfort / Adjustable snap fastenings at back / Full shoulder cover / Opening for goggles / Impermeable bound seam / Autoclavable / ISO class 3 / OEKO-TEX® certified.

**MATERIAL** 97% polyester, 3% conductive fibres. **WEIGHT** 110 g/m². **COLOUR** 500 Pale Blue, 730 Green, 900 White. **SIZE** One size.





500



900

**CLEANROOM COVERALL 8R013 XR50**

Article no 100651

Concealed zip / Round neck with snap fastening / Elasticated cuffs / Open legs / Adjustable elasticated waistband / Raglan sleeves / Impermeable bound seam / Autoclavable / ISO class 3 / OEKO-TEX® certified.

**MATERIAL** 97% polyester, 3% conductive fibres. **WEIGHT** 110 g/m². **COLOUR** 500 Pale Blue, 900 White. **SIZE** Regular: 500 Pale blue XS-3XL, 900 White XS-5XL.



500

**CLEANROOM COVERALL 8R220 XR50**

Article no 104966

Concealed zip / Adjustable hood with buttons / Elasticated cuffs / Adjustable elasticated waistband / Elasticated leg ends / Raglan sleeves / Impermeable bound seam / Autoclavable / ISO class 3 / OEKO-TEX® certified.

**MATERIAL** 97% polyester, 3% conductive fibre. **WEIGHT** 110 g/m². **COLOUR** 500 Pale Blue. **SIZE** Regular: XS-3XL.



500



730

**CLEANROOM BOOTS 9124 XR50**

Article no 119934

Concealed zip / Adjustable bootleg above calf / Adjustable ankle / Anti-static rubber sole / Impermeable bound seam / Autoclavable / ISO class 3.

**MATERIAL** 97% Polyester, 3% conductive fibers. **WEIGHT** 110 g/m². **COLOUR** 500 Pale Blue, 730 Green, 900 White. **SIZE** 34-35, 36-37, 38-39, 40-41, 42-43, 44-45, 46-47, 48-49.



900

**CLEANROOM SOCKS 6-PACK 6R013 XF85**

Article no 100646

Stable filament fibre fabric / Autoclavable / Pack of 6 / Size 37-39 marked with a red stripe on shaft, size 40-45 marked with a black stripe on shaft, size 46-48 marked with a green stripe on shaft / OEKO-TEX® certified.

**MATERIAL** 100% polyamide. **COLOUR** 900 White. **SIZE** 37-39, 40-45, 46-48.



900

**CLEANROOM SOCKS 6-PACK 9398 XF85**

Article no 131044

Tube sock / Stable filament fibre fabric / Autoclavable / Pack of 6 / OEKO-TEX® certified.

**MATERIAL** 100% polyamide. **COLOUR** 900 White. **SIZE** One size.







540



### CLEANROOM SHIRT 7R011 XA32

Article no 100635

Bellows pleat in back / Concealed snap fastenings / Shirt collar with snap fastening / 2 chest pockets with flap / Elasticated cuffs / Impermeable bound seam / ISO class 7 / OEKO-TEX® certified.

**MATERIAL** 99% polyester, 1% conductive fibres. **WEIGHT** 125 g/m². **COLOUR** 540 Dark Navy. **SIZE** XS-3XL.



410



### CLEANROOM COAT 3R129 XA32

Article no 100632

Concealed zip / Round neck with snap fastening / Elasticated cuffs / Raglan sleeves / Impermeable bound seam / ISO class 7 / OEKO-TEX® certified.

**MATERIAL** 99% polyester, 1% conductive fibres. **WEIGHT** 125 g/m². **COLOUR** 410 Lavender. **SIZE** XS-2XL.



540



### CLEANROOM TROUSERS 2R011 XA32

Article no 100630

Waistband with loops and elasticated sides / Concealed zip and snap fastenings / 2 side pockets with flap / Adjustable snap fastenings at leg ends / Impermeable bound seam / ISO class 7 / OEKO-TEX® certified.

**MATERIAL** 99% polyester, 1% conductive fibres. **WEIGHT** 125 g/m². **COLOUR** 540 Dark Navy. **SIZE** XS-2XL.



410



### CLEANROOM TROUSERS 2R123 XA32

Article no 100631

Elasticated waistband with drawstring / Open legs / Inside key pocket / Impermeable bound seam / ISO class 7 / OEKO-TEX® certified.

**MATERIAL** 99% polyester, 1% conductive fibres. **WEIGHT** 125 g/m². **COLOUR** 410 Lavender. **SIZE** XS-2XL.



540



### CLEANROOM CAP 5R012 XA32

Article no 100634

Adjustable velcro fastening at back / Washable.

**MATERIAL** 99% polyester, 1% conductive fibres. **WEIGHT** 125 g/m². **COLOUR** 540 Dark Navy. **SIZE** One size.



540



### CLEANROOM COVERALL 8R011 XA32

Article no 100636

Concealed zip and snap fastenings / Round neck with concealed snap fastening / Elasticated cuffs / Open legs / Adjustable elasticated waistband / Raglan sleeves / Impermeable bound seam / ISO class 7 / OEKO-TEX® certified.

**MATERIAL** 99% polyester, 1% conductive fibres. **WEIGHT** 125 g/m². **COLOUR** 540 Dark Navy. **SIZE** Regular: XS-3XL.



## XA32 material

XA32 consists of 99% polyester and 1% conductive fibres. These are continuous filament fibres, which means that the garments do not emit particles or fibres. The conductive fibres produce good static discharge, thus preventing static charging

and minimising triboelectric attraction of particles and fibres. This makes the garments very suitable for activities such as vehicle spraying.

# Underwear



520



## CLEANROOM LONG SLEEVE T-SHIRT 7R014 XA80

Article no 100640

Long-sleeved / Round neck / Moisture-wicking / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 99 g/m². **COLOUR** 520 Middle Blue. **SIZE** XS-3XL.



520



## CLEANROOM T-SHIRT 7R015 XA80

Article no 100641

Short-sleeved / Round neck / Moisture-wicking / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 99 g/m². **COLOUR** 520 Middle Blue. **SIZE** XS-3XL.



930



## CLEANROOM LONG SLEEVE T-SHIRT 7R005 XA80

Article no 100639

Long-sleeved / V-neck / Moisture-wicking / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 99 g/m². **COLOUR** 930 Grey. **SIZE** XS-3XL.



930



## CLEANROOM LONG JOHNS 2R014 XA80

Article no 100638

Elasticated waist with drawstring / Elasticated leg ends / Inside key pocket / Moisture-wicking / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 99 g/m². **COLOUR** 520 Middle Blue, 930 Grey. **SIZE** XS-3XL.



520

## XA80 material

XA80 has a fabric structure that is reminiscent of fine silk. The fabric composition is 100% filament polyester with a moisture transport system as its principal property, which greatly contributes to making these garments very comfortable.

Tests have shown that the material also functions as a pre-filter. Complete underwear together with our cleanroom workwear boosts particle filtration by up to 50%.





# Cold Wind Rain

We know how to dress properly when the weather demands it

Functional and comfortable workwear makes your workday easier, particularly in harsh weather conditions. When it rains, is windy or cold, your clothes really need to do their job. No matter the weather we have a wide range of workwear to keep you comfortable, dry and warm throughout the day.

# Jackets for all conditions and every situation

- Highly functional products for all types of weather
- Thoroughly tested materials with high durability and comfort
- Function and design developed in close collaboration with users
- Carefully designed fit for great comfort
- Complete range of garments for dressing according to the 3-layer principle
- Wide range of sizes. Most garments are available from XS and some up to 5XL
- Cooperation with well-known brands such as GORE-TEX and Polartec®



COLD WIND RAIN

## Keep warm in the cold and dry in the rain with the 3-layer principle

Our high-tech and functional garments are designed to protect you even when you have to work in heavy downpours, icy winds and snow. At the same time, and despite heavy manual work, your clothing must transport away excess heat and moisture and you must be able to move freely. Dressing according to the 3-layer principle is a smart and effective way to keep dry and avoid getting cold. The right clothes interact so you can perform at work and manage more – in all types of weather and all seasons.



### Layer 1

#### Moisture transport

The base layer keeps you dry closest to your body. Keeps moisture away from the skin and prevents your body from getting cold.



### Layer 2

#### Insulation

The middle layer insulates while letting out moisture from the base layer. Select the thickness of the garment based on your working conditions.



### Layer 3

#### Protective layer

The outer layer, or shell layer, protects against wind, rain and snow – but lets out evaporating moisture.



# Work safely whatever the weather



- Completely water and windproof
- The only workwear that is tested in a rain room
- Long life span – saves money
- Maximum use: spring, winter and rain garment in one
- Carefully tested for the best function and quality
- Can withstand 60° laundry
- ePTFE membrane
- All seams are taped with ePTFE tape
- High breathability – RET 2,5 - 6
- Withstands a 28,000 mm waterpillar in Gore's own tests. Independent test institutes only test up to 10,000 mm

LIGHTWEIGHT,  
SOFT, HIGH  
BREATHABILITY



982



## GORE-TEX SHELL JACKET 4864 GXP

Article no 131287

GORE-TEX material, breathable, wind and waterproof / Taped seams / Adjustable hood with drawstring / Hood can be folded with a strap / Zip to top of collar / Black reflective detailing at shoulders / Chest pocket with zip / Inside map pocket / 2 front pockets with zip / Sleeves with elastic inner cuff / Drawstring at bottom / Extended back / Fully lined with mesh and taffeta / Zip in lining for easy embroidery and transfer / Waterpillar > 10,000 mm / ePTFE membrane / RET < 2,5 / Approved according to EN 343 class 4/4 / OEKO-TEX® certified.

**MATERIAL** 100% polyester, 2-layer GORE-TEX laminate. Lining 100% polyester.

**WEIGHT** Outer fabric 151 g/m², lining 67 g/m². **COLOUR** 982 Black/Hi-Vis Yellow. **SIZE** XS-3XL.



Discontinued article.  
Available while stock lasts.



587

896



786



## GORE-TEX SHELL JACKET 4998 GXB

Article no 111418

GORE-TEX-material, breathable, wind and waterproof / Taped seams / Detachable hood with adjustable strap and drawstring / Fleece-lined collar with increased height at back / Front zip with double front flaps / 2 chestpockets with zipper / Napoleon pocket at left with full access even when the jacket is fully zipped / Inside pocket with zipper / 2 front pockets with zipper and inside fleece lining / Pre-shaped sleeves / Adjustable width at sleeve end / Extended back / Adjustable drawstring at hem / Inside zipper for embellishment / Contrast seams / Fully lined / Waterpillar > 10,000 mm / ePTFE membrane / RET < 6 / Approved according to EN 343 class 3/3 / OEKO-TEX certified.

**MATERIAL** 100% polyester, 2-layer GORE-TEX® laminate. **WEIGHT** Outer fabric 220 g/m², lining 67 g/m². **COLOUR** 587 Pigeon Blue/Grey, 786 Army Green/Grey, 896 Grey/Black. **SIZE** XS-3XL.



Discontinued article.  
Available while stock lasts.



940



## GORE-TEX SHELL TROUSERS 2998 GXB

Article no 111420

GORE-TEX-material, breathable, wind and waterproof / Taped seams / Hidden front zip and belt loops at waist / Extra wide beltloop mid-back / 2 front pockets with hidden zip and inside fleece lining / Backpack with hidden zip / Bellowed legpocket with zipper and flap / Pre-shaped knees / Adjustable width at leg-end with hidden zip from bottom to kneeheight / Inside snowlock / Contrast seams / Fully lined / Waterpillar > 10,000 mm / ePTFE membrane / RET < 6 / Approved according to EN 343 class 3/3 / OEKO-TEX® certified.

**MATERIAL** 100% polyester, 2-layer GORE-TEX laminate. **WEIGHT** Outer fabric 220 g/m², lining 67 g/m².

**COLOUR** 940 Black. **SIZE** XS-3XL.



# Fristads Green – a sustainable way to dress for colder days

Clean design and conscious material choices – Fristads Green is a collection characterised by environmental awareness and innovation to minimise the footprint on the environment. Read more at [fristads.com](http://fristads.com).

- Garments with an EPD – Environmental Product Declaration
- Made of 100% recycled materials
- Quilted jacket with recycled PrimaLoft® padding
- e.dye® – reduces water consumption by 75% compared with traditional dyeing
- Wear them separately or together – a perfect combination for use all year round

**EPD®** By setting a standard for measuring environmental impact (EPD) which the entire textile industry can use, we want to contribute to change and greater transparency with regard to environmental impact. Read more on [fristads.com](http://fristads.com) and at [www.environdec.com](http://www.environdec.com).

The quilted jacket can be fasten into the shell jacket, creating a functional and sustainable winter garment.



COLD WIND RAIN

WATER-  
REPELLENT  
LIGHTWEIGHT  
EASY TO PACK



940



## GREEN QUILTED JACKET 4101 GRP

Article no 130806

Part of Fristads Green collection / Fluorocarbon-free water-repellent treatment / Quilted lining / Packable / Can be attached as lining in shell jacket 129667 with buttons / Full length front zip / Raglan sleeves / Inner pocket with zip / 2 front pockets with zip / Elasticated ribbon at cuffs and hem / Extended back / Contrast tape on shoulders / e.dye® / With EPD (Environmental Product Declaration) – registration number 1761 at [environdec.com](http://environdec.com) / Approved according to EN 342 together with jacket 129667 / OEKO-TEX® certified.

**MATERIAL** Outer fabric, quilted padding and lining of 100% recycled polyester. **WEIGHT** Outer fabric 55 g/m². Quilted padding 80 g/m². Lining 70 g/m². **COLOUR** 940 Black. **SIZE** XS-4XL.



WATER- AND  
WINDPROOF,  
BREATHABLE



940



## GREEN SHELL JACKET 4922 GRS

Article no 129667

Part of Fristads Green collection / Breathable, wind and waterproof / Full length front zip with concealed snap fastening / Adjustable hood with drawstring / Raglan sleeves / Chest pocket with zip / 2 front pockets with zip / Adjustable sleeve ends with elastic inner cuff / Extended back / e.dye® / With EPD (Environmental Product Declaration) – registration number 1762 at [environdec.com](http://environdec.com) / Waterpillar 10,000 mm / RET < 12 / Approved according to EN 343 class 4/4 / Approved according to EN 342 together with jacket 130806 / OEKO-TEX® certified.

**MATERIAL** 100% recycled polyester. Lining 100% recycled polyester. **WEIGHT** 185 g/m². Lining 70 g/m². **COLOUR** 940 Black. **SIZE** XS-4XL.







**AIRTECH® WINTER JACKET 4058 GTC**  
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**CRAFTSMAN STRETCH TROUSERS 2530 CYD**  
Art no 121314> Page 27

**AIRTECH® SHELL JACKET 4906 GTT**  
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**CRAFTSMAN STRETCH TROUSERS 2604 FASG**  
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**AIRTECH® WINTER JACKET 4410 GTT**  
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**AIRTECH® WINTER TROUSERS 2698 GTT**  
Art no 115682> Page 122

# Airtech® protects against the cold, wind, rain and snow

Fristads Airtech® is a water- and windproof material that protects against the cold, wind, rain and snow. The material is also breathable and keeps you dry and comfortable by allowing excess heat to escape.

- Waterproof
- Windproof
- Breathable
- Taped seams
- Waterpillar 10,000 mm
- Breathability RET<12



**CORE**  
COLOUR 940  
SEE PAGE 9



940



540



## AIRTECH® SHELL JACKET 4906 GTT

Article no 120963

Airtech® breathable, wind and waterproof / Detachable and adjustable hood / Fleece-lined collar / Front placket opening with zip to top of collar and velcro fastening / Chest pocket with zip / Map pocket with inside mobile phone pocket, accessible when garment is closed / 2 front pockets with zip / 2 inside pockets, one with velcro fastening and one with zip / Pre-shaped elbows / Adjustable sleeve end / Elastic inner cuff with thumb grip / Ventilating panel at back / Adjustable drawstring at hem / Extended back / Zip in lining for easy embroidery and transfer / Mesh lining / Reflective details at sleeves, back and hood / Waterpillar 10,000 mm / Breathability Airtech® material RET <12 / Approved according to EN 343 class 3/3 / OEKO-TEX® certified.

**MATERIAL** Airtech®, 100% polyester, breathable, wind and waterproof. Lining: 100% polyamide.  
**WEIGHT** Outer fabric 150 g/m², lining 65 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-4XL.



COLD WIND RAIN



DETACHABLE  
BRACES



940



## AIRTECH® SHELL TROUSERS 2151 GTT

Article no 127569

Airtech® breathable, wind and waterproof / Elastic detachable braces / Extended back / Waistband with beltloops, elastic insets and fly / 2 fleece-lined front pockets with zip / Back pocket with zip and flap with velcro fastening / 2 bellowed leg pockets with flap and snap fastening / Folding rule pocket with tool pocket / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / 2-way zippers along the outside of the legs with placket and velcro fastening / Adjustable leg end with velcro fastening / Snow gaiter / CORDURA® reinforced leg end / Reflective details at front and back / Waterpillar 10,000 mm / Breathability Airtech® material RET <12 / Approved according to EN 343 class 3/3 and EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** Airtech®, 100% polyester, breathable, wind and waterproof. Lining: 100% polyester.  
**WEIGHT** Outer fabric 150 g/m², Lining 65 g/m². **COLOUR** 940 Black. **SIZE** XS-3XL.





CORE

COLOUR 540, 940  
SEE PAGE 9**AIRTECH® WINTER JACKET 4410 GTT**

Article no 115681

Airtech® breathable, wind and waterproof / Quilted lining / Detachable and adjustable hood / Fleece-lined collar / Front placket opening with zip to top of collar / Chest pocket with zip / Map pocket with zip accessible when garment is closed / Inside pocket / Inside mobile phone pocket / Earpiece loop / 2 front pockets with zip / Sleeve pocket with zip / Pre-shaped elbows / Adjustable sleeve end with elastic inner cuff / Ventilating mesh lining in armhole and sleeve end / Adjustable drawstring at hem / Extended back / Reflective details at sleeves, sides and at back / Zip in lining to make embroidery and transfer easier / Waterpillar 10,000 mm / Breathability Airtech® material RET <12 / Garment approved according to EN 342 and EN 343 class 3/1. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3 / OEKO-TEX® certified.

**MATERIAL** 100% polyester. Lining in 100% polyester. **WEIGHT** Outer fabric 150g/m², lining 190 g/m²  
**COLOUR** 397 Red/Black, 540 Dark Navy, 896 Grey/Black, 940 Black. **SIZE** XS-3XL. 940 Black XS-5XL.



CORE

COLOUR 940, 982  
SEE PAGE 9Match with our  
Fusion collectionDURABLE  
WITH  
REINFORCE-  
MENTS**AIRTECH® WINTER JACKET 4058 GTC**

Article no 127559

Airtech® breathable, water and windproof / Reinforced front, shoulders and sleeves / Quilted lining / Fleece-lined collar / Detachable lined hood adjustable with drawstring / Front placket opening with zip to top of collar and velcro fastening / 2 chest pockets with zip / 2 front pockets with zip / Map pocket with zip and inside mobile phone pocket, accessible when garment is closed / Zip in lining for easy embroidery and transfer / Adjustable drawstring at hem / Pre-shaped sleeves / Adjustable sleeve end with inner cuff / Reflective details at back / Waterpillar 10,000 mm / Breathability Airtech® material RET <12 / Garment approved according to EN 342 and EN 343 class 3/1. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3 / OEKO-TEX® certified.

**MATERIAL** 100% polyester. Lining in 100% polyester. Reinforcement in 100% polyester.  
**WEIGHT** Outer fabric 255 g/m², lining 195 g/m², reinforcement 300 g/m². **COLOUR** 586 Navy/Grey, 588 Blue/Grey, 796 Army Green/Black, 896 Grey/Black, 940 Black, 982 Black/Hi-Vis Yellow. **SIZE** XS-4XL.

Detachable braces  
with fleece lined yoke**AIRTECH® WINTER TROUSERS 2698 GTT**

Article no 115682

Airtech® breathable, wind and waterproof / Quilted lining / Detachable braces with fleece yoke at back / Extended back / Waistband with beltloops, elastic insets and fly / 2 front pockets with flap / Back pocket with flap / 2 leg pockets with bellows pleat / Folding rule pocket / CORDURA®-reinforced and pre-shaped knees / Reflective piping around knee / CORDURA®-reinforcement at inside leg ends / Snow gaiters with zip and adjustable leg ends / Waterpillar 10,000 mm / Breathability Airtech® material RET <12 / Garment approved in accordance with EN 342 and EN 343 class 3/1. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3 / OEKO-TEX® certified.

**MATERIAL** Airtech®, 100% polyester, breathable, wind and waterproof. Quilted lining 100% polyester. Reinforcement in 100% polyamide. **WEIGHT** Outer fabric 150 g/m². Quilted lining 170 g/m².

**COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-3XL.

**AIRTECH® WINTER COVERALL 812 GT**

Article no 100362

Airtech® breathable, wind and waterproof / Quilted lining / Taped seams / Detachable, lined hood / Fleece-lined collar / Two-way front zip to top of collar / CORDURA®-reinforced shoulders, sleeves, seat and knees / 2 chest pockets with zip / Map pocket with zip accessible when garment is closed / 2 fleece-lined front pockets / Inside pocket / Sleeve pocket with mobile phone pocket and pen pocket / Adjustable sleeve ends with elastic inner cuff / Elasticated drawstring at waist / Elasticated waist at back / 2 back pockets with flap / Folding rule pocket with tool pocket / Leg pocket with flap and velcro fastening / Two-way zippers along outside of legs / Adjustable leg ends / Snow gaiter inside legs / Reflective details at sleeves and legs / Approved according to EN 342 and EN 343 class 3/2. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3.

**MATERIAL** 100% micropolyester, 100% polyester in lining, 100% polyester at reinforced parts.

**WEIGHT** Outer fabric 160 g/m², lining 140 g/m². **COLOUR** 940 Black. **SIZE** Regular: S-2XL.



# Hardwearing water- and windproof jacket with reinforcements

COLD WIND RAIN

Detachable hood with drawstring

Collar with fleece lining

Reinforced shoulders and sleeves

Front zip to top of collar, concealed under storm flap

Reflective details

2 chest pockets with zip

Map pocket with zip and inside mobile phone pocket.  
Accessible also when the garment is closed

Pre-shaped sleeves

Inside pocket

Reinforced front

Front pockets with zip

Adjustable sleeve end

Elastic inner cuff

Adjustable drawstring at hem





WATER  
REPELLENT  
FIBRE FUR  
LINING



896



### WINTER JACKET 4420 PP

Article no 115684

Fibre fur lining and quilted lining in sleeves / Front placket opening with zip to top of collar / 2 chest pockets with flap and snap fastening, one with pen pockets and inside D-ring / Map pocket with zip with inside mobile phone pocket, accessible when garment is closed / Inside pocket / Front pockets with snap fastening / Sleeve pocket with zip / Sleeve end with inside elastic cuffs / Adjustable hem / Extended back / Zip in lining to make embroidery and transfer easier / Approved according to EN 342 / OEKO-TEX® certified

**MATERIAL** Polydex, 100% polyester, water-repellent. Fibre fur lining. Quilted lining in sleeves.  
**WEIGHT** Outer fabric 255 g/m², lining 340 g/m². **COLOUR** 540 Dark Navy, 896 Grey/Black, 940 Black.  
**SIZE** XS-3XL.



WATER  
REPELLENT  
REINFORCED

### CORE

COLOUR 940  
SEE PAGE 9



540



940



### PILOT WINTER JACKET 464 PP

Article no 100498

Heavy reinforcement at shoulders and sleeves / Quilted lining / Fibre fur lined collar / Zip to top of collar / 2 chest pockets with zip / 2 D-rings / 2 front pockets with zip / Sleeve pocket with zip and pen pocket / Sleeve pocket with velcro fastening / 2 inside pockets / Earpiece loop / Elastic rib-knit cuffs and hem / Reflective piping at front and back / Zip in lining to make embroidery and transfer easier / Approved according to EN 342 / OEKO-TEX® certified.

**MATERIAL** Polydex, water-repellent, 100% polyester. Quilted lining 100% polyester. Reinforcement 100% polyester. **WEIGHT** Outer fabric 255 g/m², lining 195 g/m², reinforcement 300 g/m².  
**COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-3XL.



WATER  
REPELLENT  
FIBRE FUR  
LINING



940



540



### WINTER WAISTCOAT 5050 PP

Article no 125045

Fibre fur lining / Front placket opening with zip and concealed snap fastening / 2 chest pockets with flap and snap fastening, one with inside D-ring, the other with 2 pen pockets / Map pocket with inside mobile phone pocket accessible when garment is closed / Inside pocket with button fastening / 2 front pockets with flap and snap fastening / 2 fleece lined side pockets / Adjustable hem with snap fastening / Extended back / Zip in lining for easy embroidery and transfer / OEKO-TEX® certified.

**MATERIAL** Polydex, 100% polyester, water-repellent. Fibre fur lining. **WEIGHT** Outer fabric 255 g/m², lining 340 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** S-3XL.



WATER  
REPELLENT



540



940



### WINTER TROUSERS 267 PP

Article no 100492

Pre-shaped knees / Reinforced knee pockets with opening for height-adjustable knee pads / Zip with bellows pleat from knee to leg bottoms / Adjustable leg bottoms / 2 front pockets / 2 back pockets with flap and velcro fastening / Leg pocket with folding rule pocket and pen pocket / Leg pocket with mobile phone pocket and pen pockets / OEKO-TEX® certified.

**MATERIAL** Polydex, 100% polyester, dirt, oil and water-repellent. Quilted lining. **WEIGHT** Outer fabric 255 g/m², lining 100 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** C44-C62, C146-C156.





**FLANNEL SHIRT 7421 MSF**

Art no 104986> Page 65

**CRAFTSMAN STRETCH TROUSERS 2604 FASG**

Art no 129474> Page 33

FAS® COTTON  
FIBRE  
FUR LINING



541



940



### COTTON WINTER JACKET 447 FASI

Article no 113083

Fully lined with fur fiber / Front placket opening with zip to top of collar and concealed snap fastening / 2 chest pockets with flap and snap fastening, 1 with tool loops, 1 with button and loop for sheath knife / 2 front pockets with snap fastening / 2 inside pockets with button, 1 with mobile phone pocket with velcro fastening / Zip in lining to make embroidery and transfer easier / Sleeve pockets / Elasticated inner cuff / Adjustable cuffs and hem / Extended back / Visible yoke / Reflective tape at shoulders, sleeves and back / Approved according to EN 342 / OEKO-TEX® certified.

**MATERIAL** Outer fabric in FAS 100% cotton twill, dirt, oil and water-repellent, Lining in 100% polyester fur fiber. **WEIGHT** Outer fabric 390 g/m², lining 280 g/m². **COLOUR** 541 Blue, 940 Black. **SIZE** XS-3XL



COLD WIND RAIN

WATER  
REPELLENT  
FIBRE  
FUR LINING



540



940



### WINTER JACKET 4819 PRS

Article no 127565

Windproof and water-repellent / Fibre fur lining / Front placket opening with zip to top of collar and inside placket / 2 chest pockets with flap and snap fastening / 2 fleece-lined front pockets with snap fastening / 2 inside pockets, one with velcro strap, one with button fastening / Sleeve pocket with flap and velcro fastening and pen pocket / Reflective details / Rib-knit cuffs and hem / Zip in lining for easy embroidery and transfer / Approved according to EN 342 / OEKO-TEX® certified.

**MATERIAL** 100% polyester. Fibre fur lining 100% polyester. **WEIGHT** Outer fabric 210 g/m². Lining 340 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-3XL



WATER  
REPELLENT  
BLACK UP  
TO 5XL



940

941



540



### WINTER JACKET 4001 PRS

Article no 113080

Windproof and water-repellent / Quilted lining / Detachable, adjustable and lined hood / Front placket opening with zip to top of collar / 2 chest pockets with flaps / 2 front pockets with zip / Inside pocket / Sleeve pocket with flap / Adjustable cuffs / Reflective piping on sleeves / Adjustable hem / Approved according to EN 342.

**MATERIAL** 100% polyester, lining 100% polyester. **WEIGHT** Outer fabric 210 g/m². Lining 160 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** 540 Dark Navy, 941 Dark Grey XS-4XL. 940 Black XS-5XL.







WINDPROOF  
REINFORCED

Match with our  
Fusion collection



WINDPROOF  
AND WATER  
REPELLENT  
4-WAY STRETCH  
MATERIAL  
FLEXIBLE FIBRE  
FUR LINING



## WINDPROOF FLEECE JACKET 4411 FLE

Article no 115683

Airtech® lining, breathable, windproof and water-repellent / Reinforcements on shoulders, sleeve ends and bottom of the jacket / Zip to top of collar with inside placket / Chest pocket with zip / 2 front pockets with zip / Inside mobile phone pocket / Inside pocket with zip / Elasticated cuffs / Adjustable hem with drawstring / Reflective details at back and front.

**MATERIAL** 100% polyester. Airtech® lining 100% polyester. **WEIGHT** Outer fabric 290 g/m². Lining 160 g/m². **COLOUR** 540 Dark Navy, 896 Grey/Black, 940 Black. **SIZE** XS-3XL.



## SOFTSHELL WINTER JACKET 4060 CFJ

Article no 127188

Windproof and water-repellent / 4-way stretch material / Flexible fibre fur lining / Reinforcement on shoulders, elbow and in front / Detachable hood with adjustable strap and drawstring / Front opening with zip to top of collar and inside placket / Chest pocket with zip / 2 front pockets with zip / Extended back / Adjustable cuffs / OEKO-TEX® certified.

**MATERIAL** 87% polyester, 13% polyurethane. Reinforcement 100% polyester. **WEIGHT** 305 g/m². **COLOUR** 387 Red/Grey, 540 Dark Navy, 588 Blue/Grey, 796 Army Green/Black, 996 Black/Grey. **SIZE** S-3XL.



540



## FLEECE PILE JACKET 762 P

Article no 100461

Front zip / Thumb grip / Extended back / Reversible / OEKO-TEX® certified.

**MATERIAL** 100% polyester, fur fibre. **WEIGHT** 320 g/m². **COLOUR** 540 Dark Navy. **SIZE** XS-2XL.



911



## FLEECE PILE JACKET 4064 P

Article no 127563

Reinforced elbows / Front opening with zip and inside placket / 2 front pockets with zip / Sleeve pocket with zip / Elasticated ribbon at cuffs / Thumb grip / Adjustable waist with drawstring / Extended back / OEKO-TEX® certified.

**MATERIAL** 100% polyester. Reinforcement 100% polyamide. **WEIGHT** 320 g/m². **COLOUR** 540 Dark Navy, 740 Army Green, 911 Sand. **SIZE** XS-2XL.





**SOFTSHELL WINTER JACKET 4060 CFJ**

Art no 127188> Page 84

**CRAFTSMAN STRETCH TROUSERS 2530 CYD**

Art no 121314> Page 27

## CORE

COLOUR 940  
SEE PAGE 9



SEE PAGE 234



WATER-  
REPELLENT AND  
BREATHABLE

## D

### ACODE SOFTSHELL WINTER JACKET 1421 SW

Article no 119008

Water-repellent / Stretch material / Reinforcement on shoulders and sleeves / Quilted lining / Detachable hood adjustable with drawstring / Fleece lined collar / Front placket opening with zip to top of collar and concealed snap fastening / Map pocket with zip, accessible when garment is closed / 2 front pockets with zip / 2 inside pockets with zip / 2 inside pockets in mesh / Elastic inner cuffs / Adjustable hem with drawstring / Extended back / Zip in lining for easy embroidery and transfer / Waterpillar of fabric 5.000 mm.

**MATERIAL** 100% polyester. **WEIGHT** 200 g/m². **COLOUR** 331 Red, 540 Dark Navy, 940 Black. **SIZE** S-3XL.



SEE PAGE 234



LIGHTWEIGHT  
ALSO SUITABLE  
AS MID-LAYER

## O

### ACODE QUILTED WAISTCOAT 1515 SCQ

Article no 117886

Elastic softshell panels at sides / Full-length front zip / 2 front pockets with zip / Elasticated ribbon at neck, armholes and hem.

**MATERIAL** 100% polyester. **WEIGHT** Quilt 160 g/m². Softshell 240 g/m². **COLOUR** 940 Black. **SIZE** S-3XL.



WINDPROOF,  
WATERPROOF,  
BREATHABLE



543

940



531

## D

### ACODE WATERPROOF WINTER JACKET 1407 BPW

Article no 110148

Breathable, wind and waterproof / Taped seams / Detachable and adjustable hood / Fleece lined collar / Waterproof zip to top of collar / Ventilation openings at armholes with zip / 2 fleece-lined front pockets with waterproof zip / Inside map pocket with zip and earpiece slot / Inside pocket / Sleeve pocket with zip / Adjustable sleeve end / Detachable snow stop inside waist / Adjustable drawstring at hem / Zip in lining for easy embroidery and transfer / Waterpillar of fabric 10,000 mm.

**MATERIAL** 100% polyester. **WEIGHT** Outer fabric 155 g/m². Quilted lining body 165 g/m², quilted lining sleeves 115 g/m². **COLOUR** 531 Blue, 543 Midnight Blue, 940 Black. **SIZE** XS-3XL. 531 Blue S-3XL.



COLD WIND RAIN





**CRAFTSMAN STRETCH TROUSERS 2566 STP**  
Art no 129487> Page 20

WINDPROOF,  
WATER-  
REPELLENT,  
BREATHABLE  
LIGHTWEIGHT  
STRETCH  
MATERIAL

**CORE**

SEE PAGE 9



542



996



## HOODED SOFTSHELL JACKET 7461 BON

Article no 129475

Breathable, windproof and water-repellent / Stretch material / Adjustable hood with drawstring / Full length front zip / Reflective details on shoulders / Raglan sleeves / Chest pocket with zip / 2 front pockets with zip / Cuffs with thumb grip / Elasticated ribbon at cuffs and hem / Extended back / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 230 g/m². **COLOUR** 542 Blue, 996 Black/Grey. **SIZE** XS-3XL.



540



940

WINDPROOF,  
WATER-  
REPELLENT,  
BREATHABLE  
STRETCH  
MATERIAL  
FROM SIZE 2XS



## SOFTSHELL STRETCH JACKET 4905 SSF

Article no 120962

Breathable, windproof and water repellent / Stretch material / Fleece inside / Full-length front zip / Raglan sleeves / Chest pocket with zip / 2 front pockets with zip / Cuffs with elastic thumb grip / Contrast stitching / OEKO-TEX® certified.

**MATERIAL** 94% polyester, 6% elastane. **WEIGHT** 415 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** 2XS-3XL.



SEE PAGE 235



586

996



WINDPROOF,  
WATER-  
REPELLENT,  
BREATHABLE

676



## ACODE SOFTSHELL JACKET 1414 SHI

Article no 124149

Breathable, windproof and water-repellent / Stretch material / Fleece inside / Detachable hood adjustable with drawstring / Zip to top of collar with inside placket / Chest pocket with zip / 2 front pockets with zip / Adjustable cuffs / Adjustable hem with drawstring / Extended back / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 280 g/m². **COLOUR** 586 Navy/Grey, 676 Royal Blue/Navy, 996 Black/Grey. **SIZE** S-3XL.



Match with our  
Fusion collection



WINDPROOF,  
WATER  
REPELLENT,  
BREATHABLE,  
LIGHTWEIGHT  
REFLECTIVE  
DETAILS



### SOFTSHELL WAISTCOAT 4559 LSH

Article no 129539

Breathable, windproof and water-repellent / Stretch material / Dark grey reflective details / Stand collar / Full length front zip / 2 front pockets / Elasticated ribbon at hem and armhole / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 240 g/m². **COLOUR** 540 Dark Navy, 542 Blue, 740 Army Green, 940 Black, 941 Dark Grey. **SIZE** XS-3XL.



SEE PAGE 232

Match with our  
Fusion collection



WINDPROOF,  
WATER  
REPELLENT,  
BREATHABLE,  
LIGHTWEIGHT  
REFLECTIVE  
DETAILS



### SOFTSHELL JACKET 4557 LSH

Article no 129531

Breathable, windproof and water-repellent / Stretch material / Dark grey reflective details / Stand collar / Full length front zip / 2 front pockets / Elasticated ribbon at cuffs and hem / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 240 g/m². **COLOUR** 540 Dark Navy, 542 Blue, 740 Army Green, 940 Black, 941 Dark Grey. **SIZE** XS-4XL.



COLD WIND RAIN

**CORE**

COLOUR 940  
SEE PAGE 9



SEE PAGE 235



WINDPROOF,  
WATER  
REPELLENT,  
BREATHABLE,  
LIGHTWEIGHT



### ACODE WINDWEAR SOFTSHELL JACKET 1476 SBT

Article no 113529

Breathable, windproof and water-repellent / Stretch material / Full-length front zip / Chest pocket with zip / 2 front pockets with zip / Adjustable cuffs / Adjustable hem with drawstring / Extended back / Waterpillar of fabric 8.000 mm / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 235 g/m². **COLOUR** 331 Red, 544 Dark Navy, 900 White, 940 Black, 941 Dark Grey. **SIZE** S-3XL.



SEE PAGE 235



WINDPROOF,  
WATER  
REPELLENT,  
BREATHABLE,  
LIGHTWEIGHT



### ACODE SOFTSHELL WAISTCOAT 1506 SBT

Article no 113531

Breathable, windproof and water-repellent / Stretch material / Full-length front zip / Chest pocket with zip / 2 front pockets with zip / Adjustable hem with drawstring / Extended back / Waterpillar of fabric 8.000 mm / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 235 g/m². **COLOUR** 544 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** S-3XL.





**CORE**  
COLOUR 940  
SEE PAGE 9

Match with our  
Fusion collection

MICRO FLEECE  
WITH STRETCH  
PANELS  
UP TO 5XL



796



540

941



UP TO 5XL

940

**D**

### MICRO FLEECE JACKET 4003 MFL

Article no 120966

Full zip at front / Fleece-lined collar / 2 front pockets with zip and mesh pocket bags / Stretch panels at sides.

**MATERIAL** Microfleece 100% polyester. Stretch fabric 92% polyester, 8% elastane. **WEIGHT** 170 g/m², stretch fabric 200 g/m². **COLOUR** 397 Red/Black, 598 Navy/Black, 796 Army Green/Black, 896 Grey/Black, 940 Black. **SIZE** XS-4XL. Black XS-5XL.



**O**

### FLEECE JACKET 4004 FLE

Article no 120960

Full zip at front / Chest pocket with zip / 2 front pockets with zip / Raglan sleeve / Elastic binding at sleeve end / Contrast stitching.

**MATERIAL** 100% polyester. **WEIGHT** 280 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** 540 Navy, 941 Dark Grey XS-4XL. 940 Black XS-5XL.



POLARTEC®  
POWER STRETCH  
MICRO FLEECE

940

**CORE**

COLOUR 896  
SEE PAGE 9



597



MELANGE  
FABRIC,  
SMOOTH  
OUTSIDE

896

**D**

**POLARTEC®**



### POLARTEC® FLEECE SWEAT JACKET 792 PY

Article no 100553

Polartec® Power stretch microfleece / Transports moisture / Highly breathable / Dries quickly / High heat capacity / Black with yellow contrast seams / Zip to neck with cover / Chest pocket with zip / OEKO-TEX® certified.

**MATERIAL** 88% polyester, 12% elastane, micro fleece. **WEIGHT** 230 g/m². **COLOUR** 940 Black. **SIZE** XS-4XL.



**O**



### FLEECE SWEAT JACKET 7451 PRKN

Article no 114032

Melange fabric / Flatlock stitch / Nylon reinforced with ripstop at shoulders and sleeves / Full zip at front / Zip pocket at right chest, leaving left side for logo / Front pockets with zippers reinforced with rivets / Reflective details at right sleeve and bottom back / OEKO-TEX® certified.

**MATERIAL** 100% polyester, brushed inside. **WEIGHT** 300 g/m². **COLOUR** 597 Blue/Black, 896 Grey/Black. **SIZE** XS-3XL.





SEE PAGE 236



331

940

941



MICRO FLEECE  
WITH A SMOOTH  
OUTSIDE

531

0

### ACODE FLEECE JACKET 1475 MIC

Article no 111840

Full-length front zip with inner placket / Chest pocket with zip / 2 front pockets with zip / Extended back / Raglan sleeves / Thumb grip.

**MATERIAL** 95% polyester, 5% elastane. **WEIGHT** 270 g/m². **COLOUR** 331 Red, 531 Blue, 940 Black, 941 Dark Grey. **SIZE** Red: XS-3XL. The rest of the colours: S-3XL.



CORE

COLOUR 940  
SEE PAGE 9



SEE PAGE 236



331

544

940



930

0

### ACODE FLEECE JACKET 1499 FLE

Article no 117872

Full-length front zip with inner placket / 2 front pockets with zip / Extended back / Raglan sleeves / Elbow patches tone in tone / Thumb grip / Elasticated edging at sleeve end.

**MATERIAL** Fleece, 100% polyester. **WEIGHT** 280 g/m². **COLOUR** 331 Red, 544 Dark Navy, 930 Grey, 940 Black. **SIZE** S-3XL.



COLD WIND RAIN



SUSTAINABLE  
RECYCLED  
MATERIAL

940



### GREEN FLEECE JACKET 4921 GRF

Article no 129826

Part of Fristads Green collection / Single jersey contrast fabric in collar, under armhole and alongside front zipper / Stand collar / Full length front zip / Special sleeve construction / Contrast tape on shoulders / Chest pcket with zip / 2 front pockets with zip / Ribbed cuffs and bottom / e.dye® / With EPD (Environmental Product Declaration) – registration number 1535 at environdec.com / OEKO-TEX® certified.

**MATERIAL** 100% recycled polyester. **WEIGHT** 285 g/m². **COLOUR** 940 Black. **SIZE** XS-4XL.



GREEN FUNCTIONAL T-SHIRT 7520 GRK

Art no 129825> Page 66

GREEN CRAFTSMAN TROUSERS 2538 GRN

Art no 129663> Page 32

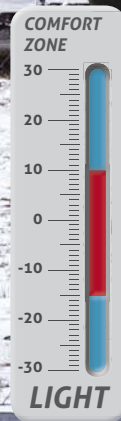
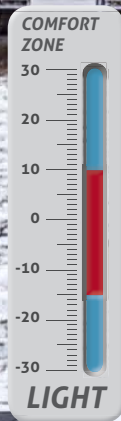
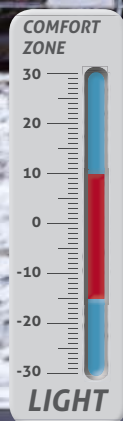


Perform from the  
inside and out

*Mathias Ponvik*

*Jonas Noh*

*Hanna Oberg*



## 1-function

Dry and comfortable

- Moisture transportation
- High breathability
- Quick-drying

LONG SLEEVE T-SHIRT 787 OF Art no 127353> Page 134

LONG JOHNS 788 OF Art no 127354> Page 134

## 1-function set

Dry and comfortable

- Moisture transportation
- Breathability
- Quick-drying

UNDERWEAR 7416 UE Art no 127382> Page 134

## Advanced seamless

Dry and comfortable

- Adjusts to your body
- Seamless, no chafing seams
- Moisture transportation
- High breathability
- Quick-drying

LONG SLEEVE T-SHIRT 7402 FM Art no 127396> Page 135

LONG JOHNS 7403 FM Art no 127397> Page 135



The high-quality underwear range from Fristads was developed to make you perform better in tough conditions. Fristads is proud partner of the Swedish biathlon national team. Thanks Jesper, Hanna, Martin, Oscar, Peppe and Mona for showcasing our underwear.



COLD WIND

## Merino wool

Warm and comfortable

- Merino wool and polyester
- Comfortable warmth
- Moisture transportation
- High breathability
- Quick-drying

**MERINO WOOL LONG SLEEVE T-SHIRT 7517 MW**  
Art no 127442> Page 136

**MERINO WOOL LONG JOHNS 2517 MW**  
Art no 127445> Page 136

## Microfleece

Warm and comfortable

- Polartec® Power Stretch®
- Elastic insulating microfleece
- Moisture transportation
- High breathability
- Quick-drying

**POLARTEC® HALFZIP LONG SLEEVE T-SHIRT 7078 PT**  
Art no 111570> Page 136

**POLARTEC® LONG JOHNS 2078 PT**  
Art no 111571> Page 136

## 3-function

Warm and comfortable

- Polyester and cotton
- Unique 3-layer material
- Insulating soft tricot
- Moisture transportation

**LONG SLEEVE T-SHIRT 743 PC**  
Art no 127358> Page 135

**LONG JOHNS 747 PC** Art no 127359> Page 135



CORE

SEE PAGE 9



940

CORE

SEE PAGE 9



940

0



### LONG SLEEVE T-SHIRT 787 OF

Article no 127353

Moisture-wicking / Highly breathable / Quick drying / Long-sleeved / Round neck / Grey contrast seams / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 160 g/m². **COLOUR** 940 Black. **SIZE** XS-3XL.



0



### HALF ZIP LONG SLEEVE T-SHIRT 789 OF

Article no 127355

Moisture-wicking / Highly breathable / Quick drying / Long-sleeved / Polo-neck with zip / Grey contrast seams / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 160 g/m². **COLOUR** 940 Black. **SIZE** XS-3XL.



CORE

SEE PAGE 9



940

CORE

SEE PAGE 9



940

0



### LONG JOHNS 788 OF

Article no 127354

Moisture-wicking / Highly breathable / Quick drying / No fly / Grey contrast seams / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 160 g/m². **COLOUR** 940 Black. **SIZE** XS-3XL.



0

### UNDERWEAR 7416 UE

Article no 127382

Long-sleeved / Round-neck / Flatlock stitching detail in contrasting colour.

**MATERIAL** 100% polyester. **WEIGHT** 176 g/m². **COLOUR** 940 Black. **SIZE** XS-3XL.



**CORE**

SEE PAGE 9



3-FUNCTION

940

**LONG SLEEVE T-SHIRT 743 PC**

Article no 127358

3-function jersey - moisture wicking, isolating and absorbing material / Round neck / Long-sleeved / Extended back / OEKO-TEX® certified.

**MATERIAL** 58% polyester, 42% cotton. **WEIGHT** 210 g/m². **COLOUR** 940 Black. **SIZE** XS-4XL.

**CORE**

SEE PAGE 9



3-FUNCTION

940

**HALF ZIP LONG SLEEVE T-SHIRT 742 PC**

Article no 127357

3-function jersey - moisture wicking, isolating and absorbing material / High collar with short zip / Long-sleeved / Wide cuffs / Extended back / OEKO-TEX® certified.

**MATERIAL** 58% polyester, 42% cotton. **WEIGHT** 210 g/m². **COLOUR** 940 Black. **SIZE** XS-4XL.



COLD WIND RAIN

ADVANCED  
SEAMLESS**LONG SLEEVE T-SHIRT 7402 FM**

Article no 127396

Seamless, body engineered design – adjusts to your body / Very elastic / Moisture wicking / Highly breathable / Quick drying / Jacquard-knit.

**MATERIAL** 65% polyester, 35% polyamide. **WEIGHT** 145 g/m². **COLOUR** 940 Black. **SIZE** XS/S, M/L, XL/2XL.



940

**CORE**

SEE PAGE 9

3-FUNCTION



940

**LONG JOHNS 747 PC**

Article no 127359

3-function jersey – moisture wicking, isolating and absorbing material / Elasticated waistband / Elasticated leg ends / OEKO-TEX® certified.

**MATERIAL** 58% polyester, 42% cotton. **WEIGHT** 210 g/m². **COLOUR** 940 Black. **SIZE** XS-4XL.

ADVANCED  
SEAMLESS**LONG JOHNS 7403 FM**

Article no 127397

Seamless, body engineered design – adjusts to your body / Very elastic / Moisture wicking / Highly breathable / Quick drying / Jacquard-knit.

**MATERIAL** 65% polyester, 35% polyamide. **WEIGHT** 145 g/m². **COLOUR** 940 Black. **SIZE** XS/S, M/L, XL/2XL.



940



MERINO WOOL



940

LIGHTWEIGHT  
MICROFLEECE  
STRETCH



940

D

### MERINO WOOL LONG SLEEVE T-SHIRT 7517 MW

Article no 127442

Insulating merino wool and polyester fabric / Moisture wicking / Odour control / Round neck / Flatlock stitching in contrast colour.

**MATERIAL** 65% merino wool (19,5 micron), 35% polyester. **WEIGHT** 170 g/m<sup>2</sup>. **COLOUR** 940 Black. **SIZE** XS-3XL.



U

POLARTEC®



### POLARTEC® HALFZIP LONG SLEEVE T-SHIRT 7078 PT

Article no 111570

Polartec® Power Stretch® micro fleece / Transports moisture / Breathable / Dries quickly / Insulating / Black with blue contrast seams / OEKO-TEX® certified.

**MATERIAL** 56% polyester, 34% polyamide, 10% elastane. **WEIGHT** 163 g/m<sup>2</sup>. **COLOUR** 940 Black. **SIZE** XS-3XL.



MERINO WOOL



940

LIGHTWEIGHT  
MICROFLEECE  
STRETCH



940

D

### MERINO WOOL LONG JOHNS 2517 MW

Article no 127445

Insulating merino wool and polyester fabric / Moisture wicking / Odour control / Flatlock stitching in contrast colour.

**MATERIAL** 65% merino wool (19,5 micron), 35% polyester. **WEIGHT** 170 g/m<sup>2</sup>. **COLOUR** 940 Black. **SIZE** XS-3XL.



U

POLARTEC®



### POLARTEC® LONG JOHNS 2078 PT

Article no 111571

Polartec® Power Stretch® micro fleece / Transports moisture / Breathable / Dries quickly / Insulating / Black with blue contrast seams / OEKO-TEX® certified.

**MATERIAL** 56% polyester, 34% polyamide, 10% elastane. **WEIGHT** 163 g/m<sup>2</sup>. **COLOUR** 940 Black. **SIZE** XS-3XL.





## Lightweight rainwear

See page 139



## Rainwear with stretch

See page 138

COLD WIND RAIN



## Flame-protected rainwear

See page 197



## High-visibility rainwear

See page 169



# Functional rainwear in comfortable stretch material

- Functional design suitable for hard work
- Lightweight and flexible stretch material that provides good freedom of movement
- Completely waterproof with welded seams
- Comfortable fit for increased convenience
- Ventilation in coat and jacket
- Reflective detailing for enhanced visibility



940



## RAIN COAT 410 RS

Article no 100559

Polyurethane-coated "stretch" material / Buttons and two-way zip / Adjustable sleeves / Yoke ventilation at front and back / Detachable hood with drawstring / Concealed ID-card pocket / 2 front pockets / Inside pocket / Mobile phone pocket / Approved according to EN 343 class 3/1.

**MATERIAL** 65% polyester, 35% polyurethane. **WEIGHT** 200 g/m². **COLOUR** 940 Black. **SIZE** 2XS-3XL.



540

730

940



## RAIN JACKET 432 RS

Article no 100561

Polyurethane-coated "stretch" material / Buttons and two-way zip / Adjustable sleeves / Yoke ventilation at front and back / Detachable hood with drawstring / Concealed ID-card pocket / 2 front pockets / Inside pocket / Mobile phone pocket / EN 343 class 3/1.

**MATERIAL** 65% polyester, 35% polyurethane. **WEIGHT** 200 g/m². **COLOUR** 540 Dark Navy, 730 Green, 940 Black. **SIZE** 2XS-3XL. 940 Black 2XS-5XL.



540

730



940



## RAIN TROUSERS 216 RS

Article no 100557

Polyurethane-coated "stretch" material / Detachable and adjustable braces / Elasticated waist / Belt loops / Folding ruler pocket / Adjustable leg ends / EN 343 class 3/1.

**MATERIAL** 65% polyester, 35% polyurethane. **WEIGHT** 200 g/m². **COLOUR** 540 Dark Navy, 730 Green, 940 Black. **SIZE** 2XS-3XL. 940 Black 2XS-5XL.



DELIVERED  
IN A BAG



EN 343

### RAIN SET 4099 LRS

Article no 127566

Jacket: Hood adjustable with drawstring and foldable with velcro strap / Front opening with snap fastening and inside placket with velcro fastening / 2 front pockets with snap fastening / Yoke ventilation at back / Raglan sleeves / Sleeve adjustable with snap fastening / Reflective details at shoulders. Trousers: Elasticated waist, adjustable with string / Adjustable leg end with snap fastening / Reflective details on legs / Approved according to EN 343 class 3/1.

**MATERIAL** 100% polyester. **WEIGHT** 170 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** 2XS-3XL



SOFT MATERIAL,  
TAPED SEAMS,  
BREATHABLE



0

### ACODE RAIN JACKET 4002 LPT

Article no 126495

Breathable, wind and waterproof / Taped seams / Detachable hood adjustable with drawstring / Zip to top of collar with inside placket / 2 front pockets with zip / Inside pocket with zip and earpiece slot / Inside mesh pocket / Zip in lining for easy embroidery and transfer / Adjustable sleeve end / Adjustable hem with drawstring / Extended back / Waterpillar 5.000 mm.

**MATERIAL** 100% polyester. **WEIGHT** 110 g/m². **COLOUR** 531 Blue, 544 Dark Navy, 940 Black. **SIZE** XS-3XL



COLD WIND RAIN



SOFT MATERIAL,  
TAPED SEAMS,  
BREATHABLE



0

### ACODE RAIN TROUSERS 2002 LPT

Article no 126496

Breathable, wind and waterproof / Taped seams / Elasticated waist / 2 front pockets with zip / Concealed zip up to knees / Adjustable leg end / Waterpillar 5.000 mm.

**MATERIAL** 100% polyester. **WEIGHT** 110 g/m². **COLOUR** 940 Black. **SIZE** XS-3XL







# High Visibility

Safety and all-weather comfort that stands out

When visibility is crucial at your work site, our high-visibility workwear will help maximise your personal protection. Our fabrics in fluorescent colours and reflective tapes meet the latest international standards and our certifications ensure that you are visible in all light and weather conditions.

# It's all about keeping you safe and comfortable at work

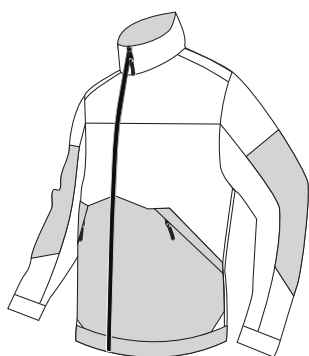
- All garments are certified according to the standard for high-visibility garments
- Thoroughly tested materials with high durability and comfort
- Carefully designed fit for great comfort
- Function and design developed in close collaboration with users
- Our garments are certified together so you can combine them to attain the highest class
- Most garments are leasing-laundry tested according to ISO 15797 and withstand 25-50 washes
- Best quality reflective tapes meet high washing requirements and durability
- Double-stitched seams on all reflective tapes give even better durability
- Women's collection with feminine fit – see pages 240-245
- Large range of sizes. Most garments are available from XS
- Highly functional products for all types of weather and seasons
- CORDURA® reinforcements for extra durability
- Most garments are OEKO-TEX® certified



HIGH VISIBILITY

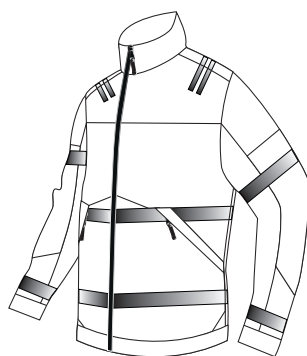
## EN ISO 20471 – an international standard for your safety

All our high-vis garments are certified according to the standard EN ISO 20471 and tested by accredited laboratories. We also test the garments in our own laboratory to make sure that the quality of the product meets our exceptionally high standards. Read more about the EN ISO 20471 standard on page 262 and the British rail industry standard RIS-3279-TOM on page 262.



### COMFORT AND FUNCTION

The design of the garments should fit well so they are comfortable to wear and easy to work in. At the same time, they should provide all the functions needed in day-to-day work. Our materials are carefully tested to withstand tough working conditions while complying with all the requirements for international certifications.



### VISIBILITY AT NIGHT

Reflective tape increases visibility in the evening and at night. The positioning of the reflective tapes on the garments is carefully tested to provide maximum visibility. We only use reflective tape of the highest quality, which meets high washing requirements and is durable.



### VISIBILITY DAYTIME

To make the garments visible in daylight, we use certified materials in fluorescent colours. The colours must withstand many washes and abrasions without fading. In most cases, the products are designed with dark contrasting colours, which are strategically placed to cover the areas that are most exposed to soiling and wear.



# How visible do you need to be?

You can easily combine our garments to attain the safety class that suits your job.

All high-visibility garments are certified in three different classes – 1, 2 and 3 – depending on how visible they are. In Fristads High Visibility Clothing System our garments have been certified together, so you can easily combine different garments to attain the highest class 3 protection. Our quick-reference guide shows all options, see page 171.



This is a common way of dressing when you work in the service and transport business. You don't need to wear completely high-visibility clothing, yet still have a need of enhanced visibility. If you wish to be more visible just add a class 2 or 3 top.

**HIGH VIS SOFTSHELL JACKET WOMAN CLASS 2 4183 WYH**  
Art no 125023> Page 245

**HIGH VIS STRETCH TROUSERS WOMAN CLASS 1 2708 PLU**  
Art no 127735> Page 241



Being clearly visible at large construction sites can be crucial. Many craftsmen choose to wear garments with higher visibility. You can combine one of our class 1 craftsman trousers with a sweatshirt or jacket to get a higher class 2 or 3 protection.

**HIGH VIS LONG SLEEVE T-SHIRT CLASS 2 7457 THV**  
Art no 129514> Page 156

**HIGH VIS CRAFTSMAN STRETCH TROUSERS CLASS 1 2706 PLU**  
Art no 127732> Page 145



For anyone working on roads, railroads and other places where staying alive is dependent on being sufficiently visible, this is the way to go. For these types of jobs there are strict regulations on how to dress and we can provide a wide range of certified garments to guarantee the highest class 3 protection.

**HIGH VIS LONG SLEEVE T-SHIRT CLASS 3 7724 THV**  
Art no 114100> Page 156

**HIGH VIS CRAFTSMAN STRETCH TROUSERS CLASS 2 2707 PLU**  
Art no 127734> Page 145

# Trousers with stretch panels for greater comfort

Turn page to see the complete collection.

4-way stretch panels at waist, back yoke and sides

2 back pockets with zips

2 side pockets

CORDURA®-reinforced loose-hanging pockets. One with 3 pockets and tool loops. One with extra pocket. D-ring under right pocket

Double reinforced crotch seam

4-way stretch panels at crotch and inside leg

CORDURA®-reinforced folding rule pocket with tool pocket, pen pocket and button and loop for sheath knife

Leg pocket with zip pocket, mobile phone pocket and D-ring for ID-card holder

Pre-shaped knees

CORDURA®-reinforced knee pockets with inside opening. Height adjustment for knee pads. Approved according to EN 14404 together with kneepads 124292

CORDURA®-reinforcement at leg ends



**HIGH VIS CRAFTSMAN STRETCH  
TROUSERS CLASS 2 2707 PLU**  
Art no 127734> Page 145

**HIGH VIS CRAFTSMAN STRETCH TROUSERS  
WOMAN CLASS 2 2710 PLU**  
Art no 127737> Page 241



# Visible freedom of movement

## PLU with stretch adds flexibility at work

These trousers and shorts are made of our durable PLU material and have 4-way stretch panels for added flexibility where you need it the most. Whether you're at a construction site or doing road work, our stretchy high-vis garments increase your safety and comfort at work. Most styles are also available in women's models.



**HIGH VIS T-SHIRT WOMAN CLASS 2 7458 THV**

Art no 129515> Page 243

**HIGH VIS CRAFTSMAN STRETCH TROUSERS WOMAN CLASS 2 2710 PLU**

Art no 127737> Page 241

**CORE**

COLOUR 196  
SEE PAGE 9



SEE PAGE 241

196



171



### HIGH VIS CRAFTSMAN STRETCH SHORTS CLASS 1 2509 PLU

Article no 131153

4-way stretch panels at sides, yoke and crotch / 2 CORDURA®-reinforced loose hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket / D-ring under loose hanging pocket / 2 front pockets / Hammer loop / 2 back pockets with zip / Folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Leg pocket with zip and D-ring, phone pocket with velcro fastening and extra pocket / Approved according to EN ISO 20471 class 1 / Approved after 25 washes / OEKO-TEX®-certified.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Stretch fabric 55% elastomultiester, 45% polyester. **WEIGHT** 300 g/m². Stretch material 218 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black. **SIZE** C44-C66.



**HIGH VIS 37.5° T-SHIRT CLASS 3 7117 TCY**

Art no 131221> Page 158



SEE PAGE 241

Colour 396 in D and C100 sizes available as MTO - 5 weeks delivery time



271



## HIGH VIS STRETCH TROUSERS CLASS 1 2705 PLU

Article no 127731

Stretch panels at sides, yoke and crotch / 2 side pockets / D-ring / 2 back pockets with zip / Double reinforced crotch seam / Large bellowed leg pocket with folding rule pocket and document pocket with velcro fastening / Multifunction leg pocket with phone pocket, ID-card pocket, zip pocket and folding rule pocket / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg end / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / Approved after 25 washes / OEKO-TEX® certified / Colour 396, size C146-C156, D84-D120 available as make to order solution.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 300 g/m². Stretch fabric 250 g/m².  
**COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black.  
**SIZE** C44-C66, C146-C156, D84-D120.



NEW



171



## HIGH VIS STRETCH TROUSERS CLASS 2 2712 PLU

Article no 130164

Stretch panels at sides, yoke and crotch / 2 side pockets / D-ring / 2 back pockets with zip / Double reinforced crotch seam / Large bellowed leg pocket with folding rule pocket and document pocket with velcro fastening / Multifunction leg pocket with zip pocket, phone pocket, ID card pocket and folding rule pocket / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg end / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 2 / Approved after 25 washes / OEKO-TEX® certified.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water-repellent. Other material in 65% polyester, 35% cotton. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 300 g/m². Stretch fabric 250 g/m².  
**COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black.  
**SIZE** C44-C66, C146-C156, D84-D120.



CORE

COLOUR 171, 196  
SEE PAGE 9

SEE PAGE 241

Colour 396 in D and C100 sizes available as MTO - 5 weeks delivery time



171



## HIGH VIS CRAFTSMAN STRETCH TROUSERS CLASS 1 2706 PLU

Article no 127732

Stretch panels at sides, yoke and crotch / 2 CORDURA®-reinforced loose-hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket / 2 side pockets / D-ring / 2 back pockets with zip / Double reinforced crotch seam / Hammer loop / Folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket and zip pocket / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg end / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / Approved after 25 washes / OEKO-TEX® certified / Colour 396, size C146-C156, D84-D120 available as make to order solution.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 300 g/m². Stretch fabric 250 g/m².  
**COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black.  
**SIZE** C44-C66, C146-C156, D84-D120.



CORE

COLOUR 171, 196  
SEE PAGE 9

SEE PAGE 241

Colour 396 in D and C100 sizes available as MTO - 5 weeks delivery time



196



## HIGH VIS CRAFTSMAN STRETCH TROUSERS CLASS 2 2707 PLU

Article no 127734

Stretch panels at sides, yoke and crotch / 2 CORDURA®-reinforced loose-hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket / 2 side pockets / D-ring / 2 back pockets with zip / Double reinforced crotch seam / Hammer loop / Folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket and zip pocket / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg end / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 2 / Approved after 25 washes / OEKO-TEX® certified / Colour 396, size C146-C156, D84-D120 available as make to order solution.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 300 g/m². Stretch fabric 250 g/m².  
**COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black.  
**SIZE** C44-C66, C146-C156, D84-D120.





# High durability and comfort

## PLU material

PLU is the main material in our unlined collection. PLU is a fluorescent material with well-tested durability and comfort. The material is 80% polyester and 20% cotton, where the cotton is on the inside of the fabric and provides extra comfort next to the skin. In addition, it is treated to be dirt, oil and water repellent. We combine this with our LUXE quality on areas that are more exposed to dirt – a durable and comfortable material in 65% polyester and 35% cotton. The materials and reflective tapes are selected to satisfy our high requirements for quality. All PLU garments are tested for industrial washing and withstand at least 50 washes at 85°. All garments are OEKO-TEX® certified.



**CAP 9107 SC**

Art no 117234> Page 168 and 254

**HIGH VIS T-SHIRT CLASS 3 7024 THV**

Art no 111333> Page 157

### CORE

COLOUR 171,  
196, 271  
SEE PAGE 9



SEE PAGE 243



196



### HIGH VIS TROUSERS CLASS 1 2032 PLU

Article no 100979

2 front pockets / D-ring at waistband / Double reinforced crotch seam / 2 back pockets, 1 with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knives / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Reinforcement in 100% polyamide. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** C44-C66, C146-C156, D84-D120.



### CORE

COLOUR 171,  
196, 271  
SEE PAGE 9



SEE PAGE 242



271



### HIGH VIS TROUSERS CL 2 2026 PLU

Article no 100975

2 side pockets / D-ring at waistband / Double reinforced crotch seam / 2 back pockets with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knives / Reinforced thigh panels in contrast colour / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 2 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Reinforcement in 100% polyamide. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** C44-C66, C146-C156, D92-D120.



## CORE

COLOUR 171,  
196, 271  
SEE PAGE 9

Roomy leg pocket  
e.g. for handheld  
terminal



396



### HIGH VIS TROUSERS CLASS 1 213 PLU

Article no 114099

Concealed front button / 2 front pockets / D-ring at waistband / 2 back pockets with flaps and velcro fastening / Leg pocket with flap and velcro fastening, mobile phone pocket with flap and velcro fastening, D-ring / Large bellows leg pocket with flap and velcro fastening, extra pocket and pen pocket / Folding rule pocket / Approved according to EN ISO 20471 class 1 / Approved after 50 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. Other material 80% polyester, 20% cotton, dirt, oil and water repellent. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Black, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Black, 396 Hi-Vis Red/Black. **SIZE** C44-C66, C146-C156, D84-D120.



WINDPROOF,  
WATER  
REPELLENT,  
BREATHABLE



171



196



### HIGH VIS CRAFTSMAN SOFTSHELL TROUSERS CLASS 2 2083 WYH

Article no 117060

Windproof, water repellent and breathable / Mechanical stretch / 2 tuckable, CORDURA® reinforced loose-hanging pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 front pockets / D-ring at waistband / Double reinforced crotch seam / 2 back pockets, 1 with flap / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knives / Reinforced thigh panels in contrast colour / CORDURA® reinforced knee pockets with outside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Adjustable leg ends with drawing / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 2 / OEKO-TEX® certified.

**MATERIAL** 100% polyester, softshell. **WEIGHT** 305 g/m². **COLOUR** 171 Hi-Vis Yellow/Black, 196 Hi-Vis Yellow/Black. **SIZE** C44-C62, C146-C156, D84-D120.



## CORE

COLOUR 171, 196  
SEE PAGE 9



SEE PAGE 243



171



### HIGH VIS CRAFTSMAN TROUSERS CLASS 1 2029 PLU

Article no 100978

2 tuckable CORDURA® reinforced loose-hanging front pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 front pockets / D-ring at waistband / Double reinforced crotch seam / 2 back pockets, 1 with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knives / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Reinforcement in 100% polyamide. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Black, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Black, 396 Hi-Vis Red/Black. **SIZE** C44-C66, C146-C156, D84-D120.



## CORE

COLOUR 171,  
196, 271  
SEE PAGE 9



SEE PAGE 242



171



### HIGH VIS CRAFTSMAN TROUSERS CLASS 2 2025 PLU

Article no 100974

2 tuckable, CORDURA® reinforced loose-hanging pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 front pockets / D-ring at waistband / Double reinforced crotch seam / 2 back pockets, 1 with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knives / Reinforced thigh panels in contrast colour / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 2 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Reinforcement in 100% polyamide. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Black, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Black, 396 Hi-Vis Red/Black. **SIZE** C44-C66, C146-C156, D84-D120.





## CORE

COLOUR 171,  
196, 271  
SEE PAGE 9

Value added service:  
Opening for safety  
harness see 124177  
page 149



SEE PAGE 242



### HIGH VIS JACKET CLASS 3 4026 PLU

Article no 119621

Front placket opening with zip to top of collar and snap fastening / 2 chest pockets with zip / 1 bellowed chest pocket with flap and snap fastening, D-ring, ID-card holder and penstrap / 2 front pockets with zip / Inside mobile phone pocket with velcro fastening / Inside pocket with button / Adjustable waist and cuffs / Extended back / Reflective detailing on shoulders / Approved according to EN ISO 20471 class 2 – size XS-S and class 3 – M-4XL / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Opening in back for safety harness can be added as a VAS solution.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Black, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Black, 396 Hi-Vis Red/Black. **SIZE** XS-4XL.



### HIGH VIS CRAFTSMAN TROUSERS CLASS 2 2025 PLU

Art no 100974> Page 147

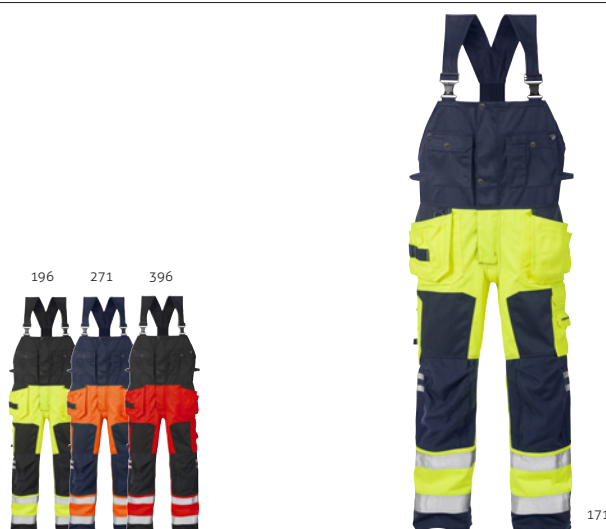


### HIGH VIS BIB'N'BRACE CLASS 2 1015 PLU

Article no 101019

Adjustable elasticated braces / Chest pocket with flap and velcro fastening, D-ring and pen pocket / Inside chest pocket with zip / 2 front pockets / D-ring at waistband / Adjustable waist with buttons / Zip fly / Double reinforced crotch seam / 2 back pockets with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knives / Reinforced thigh panels in contrasting colour / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 2 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water-repellent. Other material in 65% polyester, 35% cotton. Reinforcement in 100% polyamide. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Black, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Black, 396 Hi-Vis Red/Black. **SIZE** C44-C66, C146-C156, D92-D120.



### HIGH VIS BIB'N'BRACE CLASS 2 1014 PLU

Article no 101018

Adjustable braces with elastic part / Front placket opening with two-way zip and snap fastening / 2 loose-hanging chest pockets with snap fastening, one with flap and snap fastening and D-ring, the other with snap fastening and pen pocket / Buttons and loops for sheath knives / 2 tuckable, CORDURA® reinforced loose-hanging pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 front pockets / D-ring at waistband / Double reinforced crotch seam / 2 back pockets, one with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knives / Adjustable waist with buttons / Reinforced thigh panels in contrasting colour / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 2 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Reinforcement in 100% polyamide. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Black, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Black, 396 Hi-Vis Red/Black. **SIZE** C44-C66, C146-C156, D92-D120.





230



130

**HIGH VIS WAISTCOAT CLASS 2 5013 PLU**

Article no 131155

Front placket opening with zip to top of collar and snap fastening / Reflective detailing on shoulders / 1 bellowed chest pocket with flap and snap fastening, D-ring, ID card holder and penstrap / 1 chest pocket with flap and vertical zip / 2 front pocket with zip / Adjustable waist with snap fastening / Approved according to EN ISO 20471 class 2 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 80% polyester, 20% cotton. **WEIGHT** 300 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange. **SIZE** XS-3XL.

ADJUSTABLE  
WIDTH**CORE**

SEE PAGE 9

Value added  
service: Opening  
in the back for  
safety harness



130

**HIGH VIS WAISTCOAT CLASS 2 5003 PLU**

Article no 124177

Adjustable width at front closure with extra zip / 2 loose-hanging chest pockets attachable with snap fastening, one with flap and snap fastening, the other with snap fastening and pen pocket / Buttons and loops for sheath knives / D-ring under flap / 2 CORDURA® reinforced loose-hanging pockets, one with 3 extra pocket and tool loops, 1 with tool pocket / 2 CORDURA® reinforced loose-hanging back pockets, 1 with extra tool pocket / 2 hammer loops / Belt loops / Reflective tape on shoulders / Approved according to EN ISO 20471 class 2 / Approved after 50 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified / Opening in back for safety harness can be added as a VAS solution.

**MATERIAL** 80% polyester, 20% cotton. **WEIGHT** 300 g/m². **COLOUR** 130 Hi-Vis Yellow. **SIZE** XS-2XL.



Colour 396 available  
as MTO – 5 weeks  
delivery time



171

196

396



271

**HIGH VIS BIB'N'BRACE CLASS 1 1025 PLU**

Article no 126536

Adjustable elastic braces / Chest pocket with flap and velcro fastening, D-ring and pen pocket / Inside chest pocket with zip / 2 front pockets / D-ring at waistband / Adjustable waist with buttons / Zip fly / Double reinforced crotch seam / 2 back pockets with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring / Hammer loop / CORDURA®-reinforced folding rule pocket with tool pocket and 2 buttons and loops for sheath knife / Reinforced thigh panels / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / Approved after 50 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified / Colour 396 available as make to order solution.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Reinforcement in 100% polyamide. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** C44-C66, C146-C156, D92-D120.



171

196

396



271

**HIGH VIS COVERALL CLASS 3 8026 PLU**

Article no 124376

Front placket opening with two-way zip to top of collar and snap fastening / 2 chest pockets with zip / 1 bellowed chest pocket with flap and snap fastening, D-ring and penstrap / Inside pocket with button / Adjustable waist and cuffs / D-ring at waistband / Side openings with snap fastening / Double reinforced crotch seam / 2 back pockets with flap and velcro fastening / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, button and loop for sheath knives / Leg pocket with flap and velcro fastening, mobile phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 3 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** S-3XL.







## HIGH VIS CRAFTSMAN PIRATE TROUSERS CLASS 2 2027 PLU

Article no 100976

2 tuckable, CORDURA®-reinforced loose-hanging pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 front pockets / D-ring at waistband / Double reinforced crotch seam / 2 back pockets, 1 with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knives / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 2 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Reinforcement in 100% polyamide. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Black, 396 Hi-Vis Red/Black. **SIZE** C44-C62, D84-D120.



## HIGH VIS CRAFTSMAN SHORTS CLASS 2 2028 PLU

Article no 100977

2 tuckable, CORDURA® reinforced loose-hanging pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 front pockets / D-ring at waistband / Double reinforced crotch seam / 2 back pockets, 1 with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons with loops for 2 sheath knives / Approved according to EN ISO 20471 class 1 – sizes C44-C50 and class 2 – sizes C52-C66 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Reinforcement in 100% polyamide. **WEIGHT** 300 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. **SIZE** C44-C66.



SOFT STRETCH  
MATERIAL  
TRANSPORTS  
MOISTURE



## HIGH VIS SHORTS CLASS 2 2528 THL

Article no 114097

2 front pockets / D-ring at waistband / Double reinforced crotch seam / 2 back pockets with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap, velcro fastening and D-ring / CORDURA® reinforced folding rule pocket with tool pocket and pen pocket / Approved according to EN ISO 20471 class 1 – sizes C44-C50 and class 2 – sizes C52-C62 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 70% polyester, 30% cotton. Reinforcement in 100% polyamide. **WEIGHT** 235 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. **SIZE** C44-C62.



## HIGH VIS JOGGER SHORTS CLASS 2 2513 SSL

Article no 131154

4-way stretch material / Waistband in woven fabric with elastic insets and drawstring / Zip fly / 2 front pockets with zip / 2 back pockets with zip / Hammer loop / Double reinforced crotch seam / 2 leg pockets, one with mobile phone pocket / Elasticated ribbon at leg end / Approved according to EN ISO 20471 class 1 – sizes XS-M and class 2 – sizes L-4XL / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 250 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange. **SIZE** XS-4XL.



**CORE**COLOUR 130  
SEE PAGE 9

230

330



130

**HIGH VIS WAISTCOAT CLASS 3 500 NV**

Article no 100416

Front zip / Mobile phone pocket with velcro fastening and pen pocket / Approved according to EN ISO 20471 class 3.

**MATERIAL** 100% polyester. **WEIGHT** 130 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. **SIZE** S/M, L/XL, 2XL/3XL.**CORE**COLOUR 130, 230  
SEE PAGE 9

130

330



230

**HIGH VIS WAISTCOAT CLASS 2 501 H**

Article no 100382

Velcro fastening / Approved according to EN ISO 20471 class 1 — sizes XS/S and class 2 — sizes M/L-3XL/4XL.

**MATERIAL** 100% polyester. **WEIGHT** 130 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. **SIZE** XS/S, M/L, XL/2XL, 3XL/4XL.

# Exceptional visibility

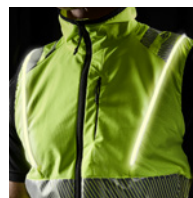
For workers on the move in the dark, this windproof and water-repellent high vis waistcoat with LED is an ideal choice.

- Up to 12 hours visibility
- Windproof
- Water-repellent
- Lightweight
- Control unit with 4 light modes
- Easy to recharge via USB
- Handy lithium battery included

**USB ADAPTER 9178**

Article no 131967

Travel adapter micro USB connector / Cable length 1m / For charging lithium battery in High vis LED waistcoat class 2, 131156.

**MATERIAL** Plastic. **COLOUR** 940 Black. **SIZE** One size.WITH LED  
WINDPROOF  
AND WATER  
REPELLENT

230



130

**HIGH VIS LED WAISTCOAT CLASS 2 5012 LPR**

Article no 131156

Windproof and water-repellent / Lightweight material / Perforated ventilating fabric around armhole / Full length front zip / Chest pocket with vertical zip / 2 front pockets with zip / Elasticated ribbon at bottom, armhole and collar / LED cable front to back / Pocket with zip for lithium battery (included) at back / The control unit has 4 light modes, Low, Medium, Max and Blinking / Operating mode on a fully charged battery, is up to 12 hours when using medium intensity of light / Operating temperature range for the unit is between -15°C to +40°C. At lower temperatures than -15°C the capacity drops significantly and at temperatures above 40°C the unit switches off automatically / For charging we recommend our travel adapter micro USB, 131967 / Large in size, choose one size smaller / Approved according to EN ISO 20471 class 2.

**MATERIAL** 100% polyester. **WEIGHT** 110 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange.**SIZE** XS/S, M/L, XL/2XL, 3XL/4XL.



WATER  
REPELLENT



271



171



### HIGH VIS JACKET CLASS 3 4794 TH

Article no 100001

Front placket opening with zip to top of collar and snap fastening / 2 chest pockets with flap and velcro fastener / D-ring / 2 front pockets / Inside pocket with button / Inside phone pocket with velcro fastening / Adjustable cuffs and hem / Approved according to EN ISO 20471 class 2 – size XS and class 3 – S-3XL / Approved after 25 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 70% polyester, 30% cotton. **WEIGHT** 295 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 271 Hi-Vis Orange/Navy. **SIZE** XS-3XL.



WATER  
REPELLENT

171



271



### HIGH VIS TROUSERS CLASS 2 2001 TH

Article no 100002

2 side pockets / 2 back pockets / D-ring / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening / Folding rule pocket with pen pocket and button and loop for sheath knife / Knee pockets with outside opening / Height adjustment for knee pads in knee pockets / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 2 / Approved after 25 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 70% polyester, 30% cotton. **WEIGHT** 295 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 271 Hi-Vis Orange/Navy. **SIZE** C44-C66, C146-C156, D92-D120.



WATER  
REPELLENT



271



171



### HIGH VIS BIB'N'BRACE CLASS 2 1001 TH

Article no 100003

Adjustable elasticated braces / Bib pocket with flap and button / 2 side pockets / 2 back pockets / Waist opening with buttons / D-ring / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening / Folding rule pocket with pen pocket and button and loop for sheath knife / Knee pockets with outside opening / Height adjustment for knee pads in knee pockets / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 2 / Approved after 25 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 70% polyester, 30% cotton. **WEIGHT** 295 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 271 Hi-Vis Orange/Navy. **SIZE** C44-C66, C146-C156, D92-D120.



WATER  
REPELLENT



171



### HIGH VIS COVERALL CLASS 3 8601 TH

Article no 100004

Front placket opening with two-way zip to top of collar and snap fastening / 2 chest pockets with flap and velcro fastener / D-ring / 2 front pockets / 2 back pockets / Inside pocket with button / Adjustable cuffs / Adjustable elasticated back / Side openings / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening / Folding rule pocket with pen pocket and button and loop for sheath knife / Knee pockets with outside opening / Height adjustment for knee pads in knee pockets / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 3 / Approved after 25 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 70% polyester, 30% cotton. **WEIGHT** 295 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** Regular: S-3XL.









**HIGH VIS LONG SLEEVE  
T-SHIRT CLASS 2 7457 THV**  
Art no 129514> Page 156

## HARDWEARING FULL STRETCH TROUSERS

More information  
on page 17



196



171



## HIGH VIS CRAFTSMAN STRETCH TROUSERS CLASS 1 2568 STP

Article no 129516

4-way stretch fabric / Durable CORDURA® rip stop material with 4-way stretch on thigh and back part / Rib-knitted stretch on waist / 2 CORDURA® reinforced loose-hanging pockets, 1 with 3 smaller pockets and tool loops, 1 with 1 extra pocket / D-ring under loose-hanging pocket / 2 front pockets / Rubber button / Double reinforced crotch seam / Hammer loop / 2 back pockets with zip / 2 thigh pockets with zip and ventilation panels inside / Folding rule pocket with tool pocket, pen pocket and loop for sheath knife in CORDURA® / Leg pocket with mobile phone pocket / Stretch CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg end, adjustable with snap fastening / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / OEKO-TEX® certified.

**MATERIAL** 55% elastomultiester, 45% polyester. Stretch rip stop fabric 88% polyamide, 12% elastane. **WEIGHT** 218 g/m². Stretch rip stop fabric 260 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black. **SIZE** C44-C66, C146-C156, D84-D120.



171 196 396

271



## HIGH VIS CRAFTSMAN TROUSERS CLASS 1 2127 CYD

Article no 122191

2 CORDURA®-reinforced loose-hanging pockets, one with 3 smaller pockets and tool loop, the other with zip pocket / 2 bellowed front pockets / D-ring under loose-hanging pocket / 2 CORDURA®-reinforced back pockets with loose bottom, one with flap and velcro fastening / Double reinforced crotch seam / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Multifunction leg pocket with mobile phone pocket, ID-card pocket and zip pocket / Pockets reinforced with metallic rivets at stress points / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg end, adjustable with plastic snap fastening / Contrast seams / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. Other material 80% polyester, 20% cotton. **WEIGHT** 330 g/m², other material 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** C44-C62, C146-C156, D84-D120. 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black C44-C62, C146-C156, D92-D116.



## MESH VENTILATION LIGHTWEIGHT MATERIAL



SEE PAGE 226



171



196



## HIGH VIS CRAFTSMAN TROUSERS CLASS 1 2093 NYC

Article no 114026

Mesh ventilation at back yoke and knees / 2 loose-hanging CORDURA®-reinforced pockets, one with zip pocket, the other with 3 smaller pockets and tool loop / 2 front pockets / 2 slanted back pockets / D-ring at front and back / Wide belt loop at mid back / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with pen holder, 2 buttons and loops for sheath knives / Multifunction leg pocket with phone pocket, ID-card pocket and large inside pocket with snap fastening / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg ends adjustable with snap fastenings / Pockets reinforced with metallic rivets at stress points / Approved according to EN ISO 20471 class 1 and EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 50% cotton 50% polyamide. Fluorescent material in 70% polyester, 30% cotton, dirt, oil and water repellent, mesh in 100% polyester. Reinforcement in 100% polyamide. **WEIGHT** 240 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black. **SIZE** C44-C62, C146-C156, D92-D120.



FAS® COTTON  
WITH STRETCH  
PANELS



171



196



## HIGH VIS CRAFTSMAN STRETCH TROUSERS CLASS 1 2608 FASG

Article no 132849

Rib-knit stretch panels at waist / Thigh panels of 4-way stretch material / 2 CORDURA®-reinforced loose hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket / 2 front pockets / Side pocket with zip / 2 back pockets / Hammer loop / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with button and loop for sheath knife / Leg pocket with zip and D-ring / CORDURA®-reinforced knee pockets with outside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg end / 3-needle stitching / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / OEKO-TEX® certified.

**MATERIAL** 100% cotton. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 375 g/m², stretch fabric 250 g/m². **COLOUR** 171 Hi-Vis Yellow/Black, 196 Hi-Vis Yellow/Black. **SIZE** C44-C66, C146-C156, D84-D120.



CORE

COLOUR 541, 940  
SEE PAGE 9



396

940



541

FAS®  
COTTON



## HIGH VIS CRAFTSMAN TROUSERS CLASS 1 247 FAS

Article no 100279

2 tuckable CORDURA®-reinforced loose-hanging front pockets, one with extra pocket, the other with 3 pockets and tool loops / 2 bellowed front and back pockets / 2 D-rings / 2 Hammer loops / Folding rule pocket in CORDURA® over side seam with tool pocket, pen pocket and 2 buttons and loops for sheath knife / Leg pocket with flap and snap fastening, phone pocket with flap and velcro fastening, concealed ID-card holder / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / OEKO-TEX® certified.

**MATERIAL** FAS® Fristads best twill, 100% cotton. Fluorescent material in 80% polyester, 20% cotton, dirt, oil and water repellent. Reinforcement in 100% polyamide. **WEIGHT** 375 g/m². **COLOUR** 396 Hi-Vis Red/Black, 541 Blue, 940 Black. **SIZE** C44-C60, C146-C156, D84-D120.



# Women's collection

We have a large collection of garments  
with feminine fit see pages 240-245.



## HIGH VIS T-SHIRT WOMAN CLASS 2 7458 THV

Art no 129515> Page 243

## HIGH VIS STRETCH SHORTS WOMAN CL 1 2529 PLU

Art no 129738> Page 241

HIGH VISIBILITY



CORE

COLOUR 171, 196  
SEE PAGE 9



### HIGH VIS T-SHIRT CLASS 1 7518 THV

Article no 129511

Rib-knit neck / Raglan sleeves / Striped reflective transfers / Cotton inside / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties and EN ISO 20471 class 1 / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 190 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy. **SIZE** XS-3XL. Colour 171 Hi-Vis Yellow/Navy XS-4XL.



CORE

COLOUR 171  
SEE PAGE 9



### HIGH VIS LONG SLEEVE T-SHIRT CLASS 1 7519 THV

Article no 129513

Rib-knit collar and cuffs / Raglan sleeve / Striped reflective transfer / Cotton inside / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties and EN ISO 20471 class 1 / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 190 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy. **SIZE** XS-3XL. Colour 171 Hi-Vis Yellow/Navy XS-4XL.



## Everyday comfort and function in soft materials

- Cotton on the inside
- Stretch
- Transports moisture

- Dries quickly
- UV-protection
- Easy to embellish

CORE

COLOUR 171  
SEE PAGE 9



### HIGH VIS LONG SLEEVE T-SHIRT CLASS 2 7457 THV

Article no 129514

Rib-knit neck and cuffs / Striped reflective transfer / Cotton inside / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties and EN ISO 20471 class 2 / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 190 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-3XL. Colour 171 Hi-Vis Yellow/Navy XS-4XL.



CORE

COLOUR 171  
SEE PAGE 9



### HIGH VIS LONG SLEEVE T-SHIRT CLASS 3 7724 THV

Article no 114100

Rib-knit neck and cuffs / Striped reflective transfer / Cotton inside / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties and EN ISO 20471 class 2 – sizes XS and class 3 – sizes S-4XL / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 190 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-4XL.





### HIGH VIS POLO SHIRT CLASS 3 7406 PHV

Article no 100972

Rib-knit collar / Chest pocket / Striped reflective transfer / Cotton inside / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties and EN ISO 20471 class 2 – sizes XS-M and class 3 – sizes L-3XL / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 195 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. **SIZE** XS-3XL.



**CORE**

COLOUR 130  
SEE PAGE 9



SEE PAGE 243



### HIGH VIS T-SHIRT CLASS 3 7407 THV

Article no 100973

Rib-knit neck / Chest pocket / Striped reflective transfer / Cotton inside / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties and EN ISO 20471 class 2 – sizes XS-M and class 3 – sizes L-3XL / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 190 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. **SIZE** XS-3XL.



HIGH VISIBILITY



APPROVED FOR  
INDUSTRIAL  
LAUNDRY



### HIGH VIS POLO SHIRT CLASS 3 7025 PHV

Article no 111332

Rib-knit collar / Sewn on reflective tape / 5 cm gusset with gap in the reflective tape in side and sleeve for comfort / Cotton inside / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties and EN ISO 20471 class 2 – sizes XS-M and class 3 – sizes L-3XL / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 195 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. **SIZE** XS-3XL.



**CORE**

COLOUR 130  
SEE PAGE 9



### HIGH VIS T-SHIRT CLASS 3 7024 THV

Article no 111333

Rib-knit neck / Sewn on reflective tape / 5 cm gusset with gap in the reflective tape in side and on sleeve for comfort / Cotton inside / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties and EN ISO 20471 class 2 – sizes XS-M and class 3 – sizes L-3XL / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 190 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. **SIZE** XS-3XL.



APPROVED FOR  
INDUSTRIAL  
LAUNDRY



TRANSPORTS  
MOISTURE,  
ABSORBS  
ODOUR, DRIES  
QUICKLY



230



130



### HIGH VIS 37.5° T-SHIRT CLASS 3 7117 TCY

Article no 131221

Transports moisture / Absorbs odour / Dries very quickly / Shaped collar / Half zip at front / Raglan sleeves / 3 back pockets / Extended back / Approved according to EN ISO 20471 class 2 sizes XS-L and class 3 sizes XL-4XL / OEKO-TEX® certified.

**MATERIAL** 55% polyester och 45% polyester 37.5° by Cocona technology. **WEIGHT** 180 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange. **SIZE** XS-4XL.



**CORE** COLOUR 130  
SEE PAGE 9



130

230



### HIGH VIS T-SHIRT CLASS 2 7411 TP

Article no 101010

Rib-knit neck / 2-needle stitches on reflective tape / Approved according to EN ISO 20471 class 2 / Leasing-laundry tested according to ISO 15797.

**MATERIAL** 100% polyester. **WEIGHT** 180 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. **SIZE** XS-3XL.



130



### HIGH VIS SHIRT CLASS 3 7049 SPD

Article no 124176

Concealed snap fastenings under front placket / 2 chest pockets with flap and concealed snap fastening, both with pen pockets / Cuffs adjustable with snap fastenings / Extended back / Approved according to EN ISO 20471 class 3 / Approved after 50 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 80% polyester, 20% cotton. **WEIGHT** 225 g/m². **COLOUR** 130 Hi-Vis Yellow. **SIZE** XS-4XL.



**CORE** COLOUR 130  
SEE PAGE 9



230

330



### HIGH VIS SWEATSHIRT CLASS 3 7446 SHV

Article no 110151

Rib-knit neck, cuffs and hem / 5 cm gusset with gap in the reflective tape for better comfort / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties and EN ISO 20471 class 3 / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% polyester, 25% cotton. **WEIGHT** Weight 305 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. **SIZE** XS-4XL.



DURABLE  
COTTON ON THE  
INSIDE



130

SOFT STRETCH  
MATERIAL  
TRANSPORTS  
MOISTURE

**CORE**

COLOUR 196  
SEE PAGE 9



### HIGH VIS SWEAT JACKET CLASS 1 4517 SSL

Article no 129509

4-way stretch material / Zip to top of collar with zip garage / Chest pocket with vertical zip / 2 front pockets with zip / Elastic ribbon at cuffs and hem / Extended back / Approved according to EN ISO 20471 class 1 / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 250 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy. **SIZE** XS-3XL. 171 Hi-Vis Yellow/Navy XS-4XL.



**CORE**

COLOUR 130, 230  
SEE PAGE 9



SOFT STRETCH  
MATERIAL  
TRANSPORTS  
MOISTURE



### HIGH VIS SOFTSHELL JACKET CLASS 3 4840 SSL

Article no 101006

4-way stretch material / Zip to top of collar with zip garage / Phone pocket with zip, and opening and loop for earpiece / 2 front pockets / Elastic ribbon at hem and cuffs / Thumb grip / Extended back / Approved according to EN ISO 20471 class 3 / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 250 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. **SIZE** XS-3XL.



HIGH VISIBILITY

**CORE**

COLOUR 171, 196  
SEE PAGE 9



SEE PAGE 243

DURABLE  
COTTON ON THE  
INSIDE



### HIGH VIS SWEAT JACKET CLASS 3 7426 SHV

Article no 126534

Full-length front zip with inside placket / Chest pocket with vertical zip / 2 front pockets with zip / Elasticated waist and cuffs / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties and EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-4XL / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% polyester, 25% cotton. **WEIGHT** 305 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-4XL.



**CORE**

COLOUR 171  
SEE PAGE 9

DURABLE  
COTTON ON THE  
INSIDE



### HIGH VIS HALFZIP SWEATSHIRT CLASS 3 728 SHV

Article no 100134

Short zip to top of collar / Phone pocket with zip, and opening and loop for earpiece / Elasticated waist and cuffs / Reflective tape on shoulders / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties and EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-4XL / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% polyester, 25% cotton. **WEIGHT** 305 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-4XL.







**HIGH VIS JOGGER SHORTS CLASS 2 2513 SSL**

Art no 131154> Page 150

**FRIWEAR CRAFTSMAN TIGHTS 2570 STR**

Art no 129491> Page 25



WINDPROOF,  
WATER  
REPELLENT,  
BREATHABLE

Delivered in a bag



230



130



### HIGH VIS SHELL JACKET CLASS 3 4091 LPR

Article no 131222

Breathable, windproof and water-repellent / Lightweight / Delivered in a bag / Full length front zip / Chest pocket with vertical zip / Ventilation at armhole / 2 front pockets with zip / Elasticated ribbon at collar, cuffs and hem / Elasticated thumb grip / Approved according to EN ISO 20471 class 3 / OEKO-TEX®.

**MATERIAL** 100% polyester. **WEIGHT** 110 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange. **SIZE** XS-4XL.



**CORE**

COLOUR 171, 196  
SEE PAGE 9



SEE PAGE 245



WINDPROOF,  
WATER  
REPELLENT,  
BREATHABLE



171

196

396



271



### HIGH VIS SOFTSHELL JACKET CLASS 2 4083 WYH

Article no 125024

Breathable, windproof and water-repellent / Stretch material / Full-length front zip with inside placket / Map pocket with zip / ID-card pocket / 2 front pockets with zip / Inside phone pocket with velcro fastening / Inside pocket with zip / Adjustable cuffs with velcro fastening / Adjustable hem with drawstring / Extended back / Approved according to EN ISO 20471 class 2 / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 305 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-4XL.



**CORE**

COLOUR 130  
SEE PAGE 9



230

330



130



### HIGH VIS FLEECE JACKET CLASS 3 4400 FE

Article no 114087

Zip to top of collar with zip garage / Phone pocket with zip, and opening and loop for earpiece / 2 front pockets with zip / Elastic ribbon at cuffs and thumb grip / Adjustable hem with drawstring / Extended back / Approved according to EN ISO 20471 class 2 – size 2XS and class 3 – sizes XS-3XL / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 290 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. **SIZE** 2XS-3XL.



**CORE**

COLOUR 171  
SEE PAGE 9



171

271

396



196



### HIGH VIS WINDPROOF FLEECE JACKET CLASS 3 4041 FE

Article no 119625

Breathable, wind and waterproof lining / Zip to top of collar / Chest pocket with zip, D-ring inside / 2 front pockets with zip / Inside pocket with zip / Elastic cuffs / Adjustable hem with drawstring / Zip in lining for easy embroidery and transfer / Approved according to EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-3XL.

**MATERIAL** 100% Polyester, Polar fleece. Fluorescent. Airtech® lining of windproof and water repellent, breathable 80% Polyamide, 20% Polyurethane. **WEIGHT** 290 g/m². Lining 160 g/m².

**COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-3XL.



HIGH VISIBILITY



# Work safely whatever the weather



## GORE-TEX material

- Completely water and windproof
- The only workwear that is tested in a rain room and withstands 60° industrial washing
- Long life span – saves money
- Maximum use: Spring, winter and rain garment in one
- Carefully tested for the best function and quality
- ePTFE membrane
- All seams are taped with ePTFE tape
- High breathability – RET < 6
- Waterpillar 28,000 mm in GORE's own tests. Independent test institutes only test up to 10,000 mm



### HIGH VIS GORE-TEX SHELL JACKET CLASS 3 4988 GXB

Article no 120987

2-layer GORE-TEX material, water and windproof and breathable / Detachable lined hood adjustable with drawstring / Fleece-lined collar / Reflective detail on shoulders / Front placket opening with zip to top of collar and velcro fastening / Chest pocket with water repellent zip, D-ring inside / Map pocket with inside mobile phone pocket accessible when garment is closed / 2 front pockets with flap and water repellent zip / Inside pocket with zip / Zip in lining for easy embroidery and transfer / Adjustable hem with drawstring / Adjustable sleeve end / Elastic inner cuffs with thumb grip / Waterpillar > 10,000 mm / ePTFE membrane / Breathability RET < 6 / Approved according to EN ISO 20471 class 2 – size XS and class 3 – sizes S-3XL, Colour 271 is approved according to RIS-3279-TOM: 2016 Issue 1 UK Railway Standard, EN 343 3/3 / Approved after 25 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 100% polyester, 2-layer GORE-TEX laminate, wind and waterproof but breathable. Lining: 100% polyester. **WEIGHT** Outer fabric 220 g/m², lining 67 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy. **SIZE** XS-3XL.



## Tested in rain room

Before any new GORE-TEX garment style is put into production it must pass the Gore Rain Room Test. This sophisticated outerwear testing facility is designed to simulate a variety of demanding, lifelike rain conditions. Using specially engineered rain nozzles strategically positioned in the chamber, we are able to test a garment's waterproof design in conditions that range from light drizzle to wind-driven rain.



### HIGH VIS GORE-TEX 3-IN-1 PARKA CLASS 3 4989 GXB

Article no 120988

2-layer GORE-TEX material, water and windproof and breathable / Detachable quilted lining – can also be used as shell jacket / Detachable lined hood adjustable with drawstring / Fleece-lined collar / Front placket opening with zip to top of collar and velcro fastening / Chest pocket with water-repellent zip, D-ring inside / Map pocket with inside mobile phone pocket accessible when garment is closed / 2 front pockets with flap and velcro fastening / 2 fleece-lined hand warmer pockets / 2 inside pockets in shell jacket / Inside pocket and mobile phone pocket in lining / Adjustable sleeve end with velcro fastening / Rib-knit inner cuffs with thumb grip / Adjustable waist with drawstring / Zip in lining for easy embroidery and transfer / Waterpillar > 10,000 mm / ePTFE membrane / Breathability RET < 6 / Approved according to EN ISO 20471 class 3, Colour 271 is approved according to RIS-3279-TOM: 2016 Issue 1 UK Railway Standard, EN 343 3/3 and EN 342 / Approved after 25 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 100% polyester, 2-layer GORE-TEX laminate, wind and waterproof but breathable. Lining: 100% polyester. **WEIGHT** Outer fabric 220 g/m², Lining 250 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy. **SIZE** XS-3XL.







HIGH VISIBILITY



# AIRTECH®

## Protects against cold, wind, rain and snow

### Airtech® material

Fristads Airtech® is a water and windproof material that protects against cold, wind, rain and snow. It is also breathable and keeps you dry and comfortable by allowing excess heat to escape.

- Waterproof
- Windproof
- Breathable
- Taped seams
- 10,000 mm waterpillar
- Breathability RET <12
- Leasing-laundry tested for 25 washes



**CORE**

COLOUR 171,  
196, 271  
SEE PAGE 9



SEE PAGE 245



### HIGH VIS AIRTECH® SHELL JACKET CLASS 3 4515 GTT

Article no 127666

Airtech® breathable, wind and waterproof / Detachable and adjustable hood / Fleece-lined collar / Reflective detail on shoulders / Front placket opening with zip to top of collar and velcro fastening / 2 chest pockets with zip / ID-card pocket / Map pocket with inside mobile phone pocket, accessible when garment is closed / 2 fleece-lined front pockets with zip / 2 inside pockets with zip / Adjustable sleeve ends / Elastic inner cuff with thumb grip / Adjustable hem with drawstring / Extended back / Mesh lining / Zip in lining for easy embroidery and transfer / Waterpillar 10,000 mm / Breathability Airtech® material RET <12 / Approved according to EN ISO 20471 class 2 sizes – XS-S and class 3 – sizes M-4XL and EN 343 class 3/3 / Colour 271 is approved according to RIS-3279-TOM: 2016 Issue 1 UK Railway Standard / Approved after 25 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** Airtech®, 100% polyester, breathable, wind and waterproof. Lining: 100% polyester. **WEIGHT** Outer fabric 150 g/m², lining 65 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** 171 Hi-vis Yellow/Navy XS-4XL. The rest of the colours XS-3XL.



DETACHABLE  
BRACES



### HIGH VIS AIRTECH® SHELL TROUSERS CLASS 2 2515 GTT

Article no 127662

Airtech® breathable, wind and waterproof / Detachable braces with fleece yoke at back / 2 front pockets with concealed zip / 2 bellowed back pocket with flap and velcro fastening / CORDURA®-reinforced folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Leg pocket with flap and velcro fastening, mobile phone pocket with flap and velcro fastening, D-ring / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Concealed zip up to knees / Snow lock / Adjustable leg ends / Waterpillar 10,000 mm / Breathability Airtech® material RET <12 / Approved according to EN 14404 together with kneepads 124292, EN ISO 20471 class 2 and EN 343 class 3/3 / Colour 271 is approved according to RIS-3279-TOM: 2016 Issue 1 UK Railway Standard / Approved after 25 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** Airtech®, 100% polyester, breathable, wind and waterproof. Lining: 100% polyester. Reinforcement 100% polyamide. **WEIGHT** Outer fabric 150 g/m², lining 65 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** 171 Hi-vis Yellow/Navy XS-4XL. The rest of the colours XS-3XL.



**CORE**

SEE PAGE 9



SEE PAGE 245

**HIGH VIS AIRTECH® WINTER JACKET CLASS 3 4035 GTT**

Article no 119626

Airtech® breathable, wind and waterproof / Quilted lining / Detachable and adjustable lined hood / Fleece-lined collar / Reflective detail on shoulders / Front placket opening with zip to top of collar and concealed snap fastening / 2 chest pockets with zip / ID-card pocket / Map pocket with inside mobile phone pocket, accessible when garment is closed / 2 fleece-lined front pockets with zip / 2 inside pockets with zip / Ventilating mesh in armhole / Adjustable sleeve ends / Elastic inner cuff with thumb grip / Adjustable hem with drawstring / Extended back / Zip in lining for easy embroidery and transfer / Waterpillar 10,000 mm / Breathability Airtech® material RET <12 / Approved according to EN ISO 20471 class 2 — size XS and class 3 — sizes S-4XL, EN 342 and EN 343 class 3/1. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3 / Colour 271 is approved according to RIS-3279-TOM: 2016 Issue 1 UK Railway Standard / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** Airtech®, 100% polyester, breathable, wind and waterproof. Quilted lining: 100% polyester. **WEIGHT** Outer fabric 150 g/m², lining 190 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** 171 Hi-Vis Yellow/Navy XS-4XL. The rest of the colours XS-3XL.

**CORE**COLOUR 171, 196, 271  
SEE PAGE 9DETACHABLE  
LINING**HIGH VIS AIRTECH® 3-IN-1 PARKA CLASS 3 4036 GTT**

Article no 119628

Airtech® breathable, wind and waterproof / Detachable quilted lining – can also be used as shell jacket / Detachable lined hood with adjustable strap and drawstring / Fleece-lined collar / Reflective detail on shoulders / Front placket opening with two-way zip to top of collar and concealed snap fastening / 2 chest pockets with zip / ID-card pocket / Map pocket with inside mobile phone pocket accessible when garment is closed / Microphone loop inside / 2 bellowed front pockets with flap and concealed snap fastening / 2 fleece-lined hand-warmer pockets / 2 inside pockets with zip / Adjustable sleeve end / Elastic inner cuff with thumb grip / Adjustable waist with drawstring / Zip in lining for easy embroidery and transfer / Waterpillar 10,000 mm / Breathability Airtech® material RET <12 / Approved according to EN ISO 20471 class 3, EN 343 class 3/3 and EN 342 / Colour 271 is approved according to RIS-3279-TOM: 2016 Issue 1 UK Railway Standard / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** Airtech®, 100% polyester, breathable, wind and waterproof. Quilted lining in 100% Polyester. **WEIGHT** Outer fabric 150 g/m². Lining 260 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** 171 Hi-Vis Yellow/Navy XS-4XL. The rest of the colours XS-3XL.



HIGH VISIBILITY

DETACHABLE  
BRACES**HIGH VIS AIRTECH® WINTER TROUSERS CLASS 2 2035 GTT**

Article no 100994

Airtech® breathable, wind and waterproof / Quilted lining / Detachable braces / Belt loops / Adjustable waist / D-ring / 2 front pockets with covered zip / 2 back pockets with flaps and velcro fastening / Folding rule pocket with extra pocket / Leg pocket with flap and velcro fastening, mobile phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Pre-shaped knees / Knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Reinforced thigh panel in contrast colour / Short zip at leg ends / Adjustable leg ends / Waterpillar 10,000 mm / Breathability Airtech® material RET <12 / Approved according to EN 14404 together with kneepads 124292, EN ISO 20471 class 2, EN 342 and EN 343 class 3/1. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3 / Colour 271 is approved according to RIS-3279-TOM: 2016 Issue 1 UK Railway Standard, Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** Airtech®, 100% polyester, breathable, wind and waterproof. Quilted lining: 100% Polyester. **WEIGHT** Outer fabric 150 g/m², lining 110 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-3XL.

**HIGH VIS AIRTECH® WINTER COVERALL CLASS 3 8015 GTT**

Article no 119627

Airtech® breathable, wind and waterproof / Quilted lining / Reflective detail on shoulders / Front placket opening with two-way zip to top of collar and concealed snap fastening / Fleece-lined collar / Detachable lined hood with adjustable strap and drawstring / 2 chest pockets with zip / ID-card pocket / Map pocket with inside mobile phone pocket, and buttonhole and loop for earpiece accessible when garment is closed / 2 inside pockets with zip / Adjustable drawstring at waist / Adjustable sleeve end / Elastic cuffs with thumb grip / 2 front pockets with covered zip / 2 back pockets with flaps and velcro fastening / Folding rule pocket with extra pocket / 2 bellowed leg pockets with flap and velcro fastening / Pre-shaped knees / Knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Concealed zip up to knees / Adjustable leg ends / Snow lock / Zip in lining for easy embroidery and transfer / Waterpillar 10,000 mm / Breathability Airtech® material RET <12 / Approved according to EN 14404 together with kneepads 124292, EN ISO 20471 class 3, EN 342 and EN 343 class 3/1. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3 / Colour 271 is approved according to RIS-3279-TOM: 2016 Issue 1 UK Railway Standard / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** Airtech®, 100% polyester, breathable, wind and waterproof. Quilted lining: 100% polyester. **WEIGHT** Outer fabric 150 g/m², lining 190 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** S-3XL.





# Durable and dirt repellent for cold working days

## Polydex material

Polydex is one of our classic and popular materials that is very suitable when you need genuinely durable winter garments. A durable and easy care material that is dirt, oil and water repellent. The garments are warm-lined with quilt or fibre fur.

### CORE

COLOUR 171  
SEE PAGE 9

Value added service:  
Opening for safety  
harness see 124177  
page 149

FIBRE FUR  
LINING



### HIGH VIS WINTER JACKET CLASS 3 444 PP

Article no 100496

Polydex, dirt oil and water-repellent / Fibre fur lining, quilted lining in sleeves / Unlined tuckable hood, concealed in collar / Zip to top of collar / 2 chest pockets with flap, one with D-ring and ID card pocket / Map pocket with zip and inside mobile phone pocket, accessible when garment is closed / Loop for earpiece / 2 front pockets / 2 inside pockets / Adjustable sleeve end with elastic inner cuff / Adjustable hem / Extended back / Zip in lining for easy embroidery and transfer / Approved in accordance with EN ISO 20471 class 3 and EN 342 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified / Opening in back for safety harness can be added as a VAS solution.

**MATERIAL** Polydex, 100% polyester, dirt, oil and water repellent. Fiber fur lining: 100% polyester.

**WEIGHT** Outer fabric 255 g/m². Lining 340 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-3XL.



FIBRE FUR  
LINING



### HIGH VIS WINTER WAISTCOAT CLASS 2 5304 PP

Article no 110141

Polydex, dirt, oil and water-repellent / Fully lined with fiber fur / Full-length front zip to top of collar / 2 chest pockets with flaps and velcro fastening, one with D-ring / 2 front pockets with fibre fur lining / Inside pocket with button / Inside mobile phone pocket with velcro fastening / Extended back / Approved according to EN ISO 20471 class 2 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** Polydex, 100% polyester, dirt, oil and water repellent. Fiber fur lining: 100% polyester.

**WEIGHT** Outer fabric 255 g/m². Lining 270 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange. **SIZE** S-2XL.



CORE

COLOUR 171, 196, 271  
SEE PAGE 9



SEE PAGE 245



PRO

U6

### HIGH VIS WINTER JACKET CLASS 3 4043 PP

Article no 119630

Polydex, dirt, oil and water repellent / Quilted lining / Reflective detail on shoulders / Detachable lined hood with adjustment strap and drawstring / Fleece-lined collar / Front placket opening with zip to top of collar and snap fastening / Bellowed chest pocket with flap and hidden snap fastening, ID card pocket and D-ring inside and vertical pocket with zip / Chest pocket with zip / Map pocket with inside mobile phone pocket, accessible when garment is closed / 2 front pockets with zip / 2 inside pockets with zip / Adjustable sleeve end with elastic inner cuff with thumb grip / Adjustable hem with drawstring / Extended back / Zip in lining for easy embroidery and transfer / Approved according to EN ISO 20471 class 3 and EN 342 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** Polydex, 100% polyester, dirt, oil and water repellent. Quilted lining 100% polyester.  
**WEIGHT** Outer fabric 255 g/m², lining 190 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** 171 Hi-Vis Yellow/Navy XS-4XL. The rest of the colours XS-3XL.



PRO

U6

### HIGH VIS WINTER PARKA CLASS 3 4042 PP

Article no 119629

Polydex, dirt, oil and water repellent / Quilted lining / Detachable lined hood with adjustable strap and drawstring / Fleece-lined collar / Reflective detail on shoulders / Front placket opening with two-way zip to top of collar and snap fastening / Bellowed chest pocket with flap and hidden snap fastening, ID-card holder and D-ring inside and vertical pocket with zip / Chest pocket with zip / Map pocket with inside mobile phone pocket accessible when garment is closed / 2 front pockets with flaps and concealed snap fastening / 2 fleece-lined hand-warmer pockets / 2 inside pockets with zip / Elastic inner cuff / Adjustable waist with drawstring / Zip in lining for easy embroidery and transfer / Approved according to EN ISO 20471 class 3 and EN 342 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** Polydex, 100% polyester, dirt, oil and water repellent. Quilted lining in 100% polyester.  
**WEIGHT** Outer fabric 255 g/m², lining 190 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-3XL.



HIGH VISIBILITY



PRO

T4

### HIGH VIS WINTER TROUSERS CLASS 2 2034 PP

Article no 100984

Polydex, dirt oil and water repellent / Quilted lining / Adjustable elastic waistband / Extended back / Belt loops / Zipped fly / 2 front pockets with concealed zips / 2 back pockets with flaps and velcro fastening / D-ring / Double reinforced crotch seam / CORDURA®-reinforced thighs / Folding rule pocket with pen pocket, 2 buttons and loops for sheath knives / Leg pocket with flap and velcro fastening, mobile phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Short zip at leg ends / CORDURA®-reinforced adjustable leg ends / Approved according to EN 14404 together with kneepads 124292, EN ISO 20471 class 2 and EN 342 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** Polydex, 100% polyester, dirt, oil and water repellent. Quilted lining: 100% polyester.  
**WEIGHT** Outer fabric 255 g/m², Lining 130 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-3XL.



Better  
comfort with  
functional  
underwear  
closest to  
your body

See all  
underwear  
on pages  
132-136







**HIGH VIS WINTER JACKET WOMAN  
CLASS 3 4143 PP**

Art no 131110> Page 245

**HIGH VIS CRAFTSMAN TROUSERS  
WOMAN CLASS 2 2125 PLU**

Art no 111189> Page 242



**WINTER HAT 9105 GTT**

Article no 117230

Airtech® water and windproof winter hat / Pile lining / Adjustable neckflap.

**MATERIAL** 100% polyester Airtech®. Pile lining in 100% polyester. **WEIGHT** 387 g/m².

**COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red, 540 Dark Navy, 940 Black.

**SIZE** S/M, L/XL.



**CAP 9107 SC**

Article no 117234

Curved peak / Peak detailing / Adjustable width back with velcro strap / Fristads embroidered logo in matching colour at back.

**MATERIAL** 540 Dark Navy, 940 Black 65% polyester, 35% cotton. 130, 230, 330 80% polyester, 20% cotton.

**WEIGHT** 300 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red, 540 Dark Navy, 940 Black.

**SIZE** One size.



**STRETCH FLEECE BEANIE 9101 STF**

Article no 113316

Stretch fleece / Brushed inside / Reflective print.

**MATERIAL** 100% polyester. **WEIGHT** 230 g/m². **COLOUR** 130 Hi-Vis Yellow, 940 Black. **SIZE** One size.



**BEANIE 9108 AM**

Article no 117227

Knitted basic beanie / Double-knitted.

**MATERIAL** 96% acrylic, 4% elastane. **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red, 540 Dark Navy, 940 Black. **SIZE** One size.



## CORE

SEE PAGE 9



### HIGH VIS RAIN JACKET CLASS 3 4624 RS

Article no 114041

PU-coated polyester jersey / Detachable hood with drawstring / Two-way zip under front placket with buttons / Ventilated yoke at front and back / Concealed D-ring for ID-card holder / 2 front pockets right with mobile pocket / Adjustable sleeves / Approved according to EN ISO 20471 class 2 – size 2XS and class 3 – sizes XS-3XL and EN 343 class 3/1.

**MATERIAL** 100% polyester jersey PU-coated. **WEIGHT** 170 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy. **SIZE** 2XS-3XL.



### HIGH VIS RAIN COAT CLASS 3 4634 RS

Article no 114040

PU-coated polyester jersey / Detachable hood with drawstring / Two-way zip under front placket with buttons / Ventilated yoke at front and back / Concealed D-ring for ID-card holder / 2 front pockets right with mobile pocket / Adjustable sleeves / Approved according to EN ISO 20471 class 2 – size 2XS and class 3 – sizes XS-3XL and EN 343 class 3/1.

**MATERIAL** 100% polyester jersey PU-coated. **WEIGHT** 170 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy. **SIZE** 2XS-3XL.



HIGH VISIBILITY

## RS material

RS is a soft and flexible PU coated stretch material that provides great freedom of movement. The garments have welded seams to guarantee the waterproofing.

## CORE

SEE PAGE 9



### HIGH VIS RAIN LEGGINGS CLASS 2 2620 RS

Article no 114042

Adjustable elastic attachment for belt / Adjustable leg ends / Approved according to EN ISO 20471 class 2 and EN 343 class 3/1.

**MATERIAL** 100% polyester jersey PU-coated. **WEIGHT** 170 g/m². **COLOUR** 130 Hi-Vis Yellow. **SIZE** One size.



### HIGH VIS RAIN TROUSERS CLASS 2 2625 RS

Article no 111376

Detachable braces / Elasticated waist / Openings for loose-hanging pockets / Folding rule pocket / Adjustable leg ends / Approved according to EN ISO 20471 class 2 and EN 343 class 3/1.

**MATERIAL** 100% polyester jersey PU-coated. **WEIGHT** 170 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy. **SIZE** 2XS-3XL.





# Maximum allowed size of embroidery and transfer

EN ISO 20471 is a standard for high-visibility garments. High-visibility clothing has fluorescent areas and reflective material conforming to certification requirements according to three different classes. Class 3 is the highest safety class. Garments that are certified according to class 3 can be combined with any other garment, as long as these do not cover the high-visibility garment's fluorescent or reflective areas.

On garments personalised with company logos, it is important to ensure that the logo does not obscure too great a proportion of the fluorescent area. This table will help you determine how large your logo can be. The total fluorescent area must be at least 0.8 m<sup>2</sup> to conform with class 3.

MINIMUM AREA IN M<sup>2</sup> TO OBTAIN APPROVAL ACCORDING TO EN ISO 20471

MATERIAL	CLASS 3	CLASS 2	CLASS 1
Fluorescent	0.8	0.5	0.14
Reflective	0.2	0.13	0.1



**EN ISO 20471**  
EN ISO 20471 is a standard for high visibility garments.

ART. NO	SIZE	EN ISO 20471 HAVIS CLASS	REFLECTIVE AREA/M <sup>2</sup>	FLOUR-ESCENT AREA/M <sup>2</sup>	HIVIS CO-CERTIFICATION	MAX AREA CM <sup>2</sup> FOR TRANSFER
100001	XS	2	0.23	0.7	U6	2000 cm <sup>2</sup>
100001	>S	3	0.25	0.82	U6	200 cm <sup>2</sup>
100002	>C44	2	0.13	0.64	T4	1400 cm <sup>2</sup>
100003	>C44	2	0.13	0.81	T6	3100 cm <sup>2</sup>
100004	>S	3	0.3	0.84	n/a	400 cm <sup>2</sup>
100134	XS-S	2	0.16	0.75	U6	2500 cm <sup>2</sup>
100134	>M	3	0.2	0.82	U6	200 cm <sup>2</sup>
100279	>C44	1	0.1	0.17	T1	300 cm <sup>2</sup>
100382	XS/S	1	0.1	0.44	W1	3000 cm <sup>2</sup>
100382	>M	2	0.14	0.51	W1	100 cm <sup>2</sup>
100416	>S/M	3	0.25	0.83	U6	300 cm <sup>2</sup>
100496	>XS	3	0.2	0.82	U6	200 cm <sup>2</sup>
100972	XS-M	2	0.2	0.58	U4	800 cm <sup>2</sup>
100972	>L	3	0.23	0.8	U4	*
100973	XS-M	2	0.2	0.63	U5	1300 cm <sup>2</sup>
100973	>XL	3	0.24	0.8	U5	*
100974	>C44	2	0.13	0.65	T4	1500 cm <sup>2</sup>
100975	>C44	2	0.13	0.65	T4	1500 cm <sup>2</sup>
100976	>C44	2	0.14	0.53	S2	300 cm <sup>2</sup>
100977	C44-C50	1	0.14	0.39	S1	2500 cm <sup>2</sup>
100977	>C52	2	0.16	0.52	S1	200 cm <sup>2</sup>
100978	>C44	1	0.1	0.14	T1	*
100979	>C44	1	0.1	0.14	T1	*
100984	>XS	2	0.14	0.7	T4	2000 cm <sup>2</sup>
100994	>XS	2	0.15	0.63	T4	1300 cm <sup>2</sup>
101006	>XS	3	0.22	0.9	U6	1000 cm <sup>2</sup>
101010	>XS	2	0.13	0.68	W2	1800 cm <sup>2</sup>
101018	>C44	2	0.13	0.7	T4	2000 cm <sup>2</sup>
101019	>C44	2	0.14	0.76	T5	2600 cm <sup>2</sup>
110141	>XS	2	0.13	0.54	W1	400 cm <sup>2</sup>
110151	>XS	3	0.2	0.83	U6	300 cm <sup>2</sup>
111189	C34-C40	1	0.12	0.63	T4	4900 cm <sup>2</sup>
111189	>C42	2	0.13	0.72	T4	2200 cm <sup>2</sup>
111190	>C34	1	0.1	0.21	T2	700 cm <sup>2</sup>
111191	C34-C40	1	0.12	0.63	T4	4900 cm <sup>2</sup>
111191	>C42	2	0.13	0.72	T4	2200 cm <sup>2</sup>
111192	>C34	1	0.1	0.21	T2	700 cm <sup>2</sup>
111332	XS-M	2	0.21	0.65	U5	1500 cm <sup>2</sup>
111332	>L	3	0.25	0.84	U5	400 cm <sup>2</sup>
111333	XS-M	2	0.2	0.65	U5	1500 cm <sup>2</sup>
111333	>L	3	0.25	0.84	U5	400 cm <sup>2</sup>
111376	>XXS	2	0.13	0.58	T3	800 cm <sup>2</sup>
114026	>C44	1	0.1	0.14	T1	*
114040	XXS	2	0.2	0.72	U6	2200 cm <sup>2</sup>
114040	>XS	3	0.25	0.81	U6	100 cm <sup>2</sup>
114041	XXS	2	0.2	0.71	U6	2100 cm <sup>2</sup>
114041	>XS	3	0.21	0.8	U6	*
114042		2	0.14	0.81	T6	3100 cm <sup>2</sup>
114087	XXS	2	0.19	0.91	U6	4100 cm <sup>2</sup>
114087	>XS	3	0.2	0.95	U6	1500 cm <sup>2</sup>
114097	C44-C50	1	0.14	0.41	S1	2700 cm <sup>2</sup>
114097	>C52	2	0.17	0.51	S1	100 cm <sup>2</sup>
114099	>C44	1	0.1	0.17	T1	300 cm <sup>2</sup>
114100	XS	2	0.2	0.73	U6	2300 cm <sup>2</sup>
114100	>S	3	0.21	0.81	U6	100 cm <sup>2</sup>
116158	>XS	1	0.1	0.26	T2	1200 cm <sup>2</sup>
117060	>C44	2	0.13	0.68	T4	1800 cm <sup>2</sup>
119621	XS	2	0.19	0.73	U6	2300 cm <sup>2</sup>
119621	>M	3	0.2	0.87	U6	700 cm <sup>2</sup>
119621	S	2	0.2	0.8	U6	3000 cm <sup>2</sup>
119623	XS	2	0.16	0.62	U5	1200 cm <sup>2</sup>
119623	S	2	0.17	0.67	U5	1700 cm <sup>2</sup>
119623	>L	3	0.2	0.8	U5	*
119624	>S	3	0.23	0.83	U6	300 cm <sup>2</sup>
119625	XS-S	2	0.17	0.7	U6	2000 cm <sup>2</sup>
119625	>M	3	0.23	0.86	U6	600 cm <sup>2</sup>
119626	XS	2	0.19	0.79	U6	2900 cm <sup>2</sup>
119626	>S	3	0.2	0.86	U6	600 cm <sup>2</sup>
119627	XS	3	0.3	0.85	U6	500 cm <sup>2</sup>
119627	>S	3	0.32	1.02	U6	2200 cm <sup>2</sup>

ART. NO	SIZE	EN ISO 20471 HAVIS CLASS	REFLECTIVE AREA/M <sup>2</sup>	FLOUR-ESCENT AREA/M <sup>2</sup>	HIVIS CO-CERTIFICATION	MAX AREA CM <sup>2</sup> FOR TRANSFER
119628	XS	3	0.2	0.83	U6	300 cm <sup>2</sup>
119628	>S	3	0.21	0.92	U6	1200 cm <sup>2</sup>
119629	>XS	3	0.2	0.85	U6	500 cm <sup>2</sup>
119630	>XS	3	0.23	0.83	U6	300 cm <sup>2</sup>
120986	>XS	2	0.13	0.63	T4	1300 cm <sup>2</sup>
120987	XS	2	0.2	0.76	U6	2600 cm <sup>2</sup>
120987	>S	3	0.22	0.82	U6	200 cm <sup>2</sup>
120988	>XS	3	0.2	0.8	U6	*
122191	>C44	1	0.1	0.14	T1	*
124176	>XS	3	0.21	1	U6	2000 cm <sup>2</sup>
124177	XS	2	0.13	0.53	W1	300 cm <sup>2</sup>
124177	>S	2	0.13	0.58	W1	800 cm <sup>2</sup>
124376	>S	3	0.29	0.81	n/a	100 cm <sup>2</sup>
125023	XS	2	0.14	0.52	U4	200 cm <sup>2</sup>
125023	>S	2	0.15	0.57	U4	700 cm <sup>2</sup>
125024	XS-L	2	0.17	0.66	U6	1600 cm <sup>2</sup>
125024	>XL	3	0.21	0.9	U6	1000 cm <sup>2</sup>
125612	>C44	2	0.13	0.56	T4	600 cm <sup>2</sup>
125613	>C34	2	0.13	0.53	T3	300 cm <sup>2</sup>
125614	>C44	1	0.11	0.18	T1	400 cm <sup>2</sup>
125615	>C44	1	0.11	0.18	T1	400 cm <sup>2</sup>
126534	XS-M	2	0.18	0.67	U6	1700 cm <sup>2</sup>
126534	>L	3	0.22	0.88	U6	800 cm <sup>2</sup>
126535	XS-M	2	0.15	0.61	U5	1100 cm <sup>2</sup>
126535	>L	3	0.21	0.89	U5	900 cm <sup>2</sup>
126536	>C44	1	0.11	0.14	T1	*
126547	XS	2	0.18	0.73	U6	2300 cm <sup>2</sup>
126547	S	2	0.19	0.8	U6	3000 cm <sup>2</sup>
126547	M	3	0.2	0.86	U6	600 cm <sup>2</sup>
126547	>L	3	0.21	0.92	U6	1200 cm <sup>2</sup>
127418	>XS	3	0.2	0.85	U6	500 cm <sup>2</sup>
127662	>XS	2	0.13	0.58	T3	800 cm <sup>2</sup>
127663	XS-S	2	0.18	0.73	U6	2300 cm <sup>2</sup>
127663	>M	3	0.2	0.86	U6	600 cm <sup>2</sup>
127666	XS-S	2	0.21	0.73	U6	2300 cm <sup>2</sup>
127666	>M	3	0.21	0.86	U6	600 cm <sup>2</sup>
127731	>C44	1	0.11	0.21	T2	700 cm <sup>2</sup>
127732	>C44	1	0.11	0.22	T2	800 cm <sup>2</sup>
127734	>C44	2	0.13	0.5	T3	*
127735	>C34	1	0.11	0.23	T2	900 cm <sup>2</sup>
127736	>C34	1	0.11	0.23	T2	900 cm <sup>2</sup>
127737	>C34	2	0.13	0.52	T3	200 cm <sup>2</sup>
129509	>XS	1	0.15	0.29	U2	1500 cm <sup>2</sup>
129511	>XS	1	0.1	0.28	U2	1400 cm <sup>2</sup>
129513	>XS	1	0.14	0.26	U2	1200 cm <sup>2</sup>
129514	XS	2	0.19	0.52	U4	200 cm <sup>2</sup>
129514	S	2	0.2	0.57	U4	700 cm <sup>2</sup>
129514	>M	2	0.21	0.6	U4	1000 cm <sup>2</sup>
129515	XS	2	0.18	0.55	U4	500 cm <sup>2</sup>
129515	S	2	0.19	0.59	U4	900 cm <sup>2</sup>
129515	>M	2	0.2	0.61	U4	1100 cm <sup>2</sup>
129516	>C44	1	0.11	0.23	T2	900 cm <sup>2</sup>
129542	>XS	1	0.11	0.2	T1	600 cm <sup>2</sup>
129543	>XS	1	0.11	0.2	T1	600 cm <sup>2</sup>
129738	>C34	1	0.1	0.39	S1	2500 cm <sup>2</sup>
130164	>C44	2	0.13	0.5	T3	*
131110	S	2	0.2	0.76	U6	2600 cm <sup>2</sup>
131110	>M	3	0.2	0.83	U6	300 cm <sup>2</sup>
131153	>C44	1	0.1	0.27	S1	1300 cm <sup>2</sup>
131154	XS	1	0.11	0.39	S1	2500 cm <sup>2</sup>
131154	M	1	0.15	0.47	S1	3300 cm <sup>2</sup>
131154	>L	2	0.15	0.51	S1	100 cm <sup>2</sup>
131155	>XS	2	0.14	0.55	W1	500 cm <sup>2</sup>
131156	>XS/S	2	0.13	0.53	W1	300 cm <sup>2</sup>
131157	>C34	1	0.11	0.19	T1	500 cm <sup>2</sup>
131221	XS-L	2	0.19	0.55	U4	500 cm <sup>2</sup>
131221	>L	3	0.25	0.8	U4	*
131222	>XS	3	0.2	0.85	U6	500 cm <sup>2</sup>
132849	C44	1	0.1	0.177	T1	370 cm <sup>2</sup>

\* Logo placement only possible on contrast colour area, not on fluorescent area.

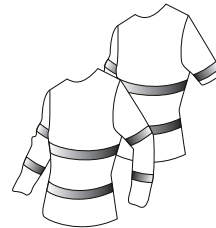
# Fristads High-Visibility Clothing System

Reach the highest  
safety class by  
combining your  
garments

All high-visibility garments are certified according to EN ISO 20471 and are divided into three different classes – 1, 2 and 3 – depending on how visible they are. Class 3 is the highest level of visibility.

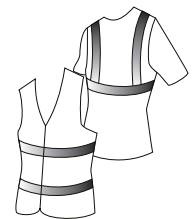
In the Fristads High Visibility Clothing System we have co-certified our collections, so garments in class 1 or 2 can be combined in various ways to obtain a higher safety class.

We have created a quick-reference guide which conveniently shows how to combine your Fristads garments to obtain the requested visibility class. All garments have been given a specific code, based on type of garment and classification, for example U3 or T4. The code is shown as a symbol in the product information and in the CE label in the garment. This information is also available at [fristads.com](http://fristads.com).



## UPPER BODY (U)

Short or long sleeved garments  
with reflective tape on sleeves

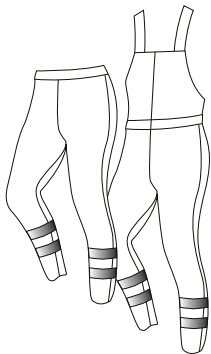


## WAISTCOAT (W)

Waistcoats/Short sleeved tops  
without reflective tapes on sleeves

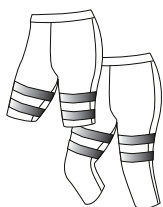
## OUR QUICK-REFERENCE GUIDE SHOWS ALL OPTIONS

Example: A high-vis T-shirt in class 2 (labelled U3) can be combined with a pair of craftsman trousers in class 2 (labelled T4) to obtain class 3 certification for the whole set.



## TROUSERS\* (T)

Trousers with long legs/  
Bib'n'Brace with reflective tape



## SHORTS (S)

Shorts/Pirate trousers  
with reflective tape

	U1	U2	U3	U4	U5	U6
T1	1	1	2	2	2	3
T2	1	1	2	2	3	3
T3	2	2	2	3	3	3
T4	2	2	3	3	3	3
T5	2	3	3	3	3	3
T6	3	3	3	3	3	3

W1	W2
2	3
2	3
3	3
3	3
3	3
3	3

S1	1	1	2	2	2	3
S2	2	2	2	3	3	3

2	2
2	2

\* Upper body (U) and Waistcoat (W) must be worn over the Bib'n'Brace to obtain class 2 or 3.  
If they are worn under, the Bib'n'brace itself determines the class.

These tables are also available at [fristads.com](http://fristads.com)





# Flame Protection

Your protection, no compromises

Increase your safety at work with our broad assortment of flame-protective garments, made to fit your profession and risk level. By choosing our flame-retardant garments you get the ultimate protection according to the latest European norms. To ensure Fristads quality, we also perform our own tests – comprising anything from strength, tensile and abrasion, to real life usability and user comfort.



## Fristads welding class 2 collection

Our collection approved for class 2 welding is designed with extra durable materials and stands out for its soft comfort. Read more on page 208.

## Our clothes are developed to last

Our high-vis and flame collections are certified after they have been washed in an industrial washer 25-50 times, even though the industry standard is to certify a garment after just 5 washes. That's how we know our clothes last.

## Flame protection has never been lighter or softer

Our trousers collection in stretch material gives flame protection a new level of comfort. See page 183 and 247.



FLAME PROTECTION



## The easy way to increase your visibility

With our quick-reference guide you can easily combine high visibility garments in class 1 or 2 to obtain a higher safety class. See page 219.





# Your safety is our top priority

- All garments are certified according to European norms
- Thoroughly tested materials with certified protection, high durability and comfort
- Complete range of inherently flame-protected as well as flame-retardant treated garments in all three layers
- Carefully designed fit for great comfort
- Function and design developed in close collaboration with users
- Layer-on-layer tested in different combinations for protection against electric arc
- Layer-on-layer tested for welding class 2 and increased heat and flame protection
- High-visibility garments are certified together so you can combine them to attain the highest class – Fristads high-visibility clothing system
- The majority of the garments are leasing-laundry tested according to ISO 15797 and PRO labeled. The garments are certified after 25-50 washes
- Best quality reflective tapes meet high washing requirements and offer considerable durability
- Double-stitched seams on all reflective tapes give even better durability
- Flame-retardant and antistatic CORDURA® reinforcements
- Women's collection with feminine fit in both our Flamestat and Flame collections
- Large range of sizes. Most garments are available from XS
- The majority of the garments are OEKO-TEX® certified

## How much protection do you need?

A risk assessment at a workplace begins with an analysis of all the potential hazards. The findings from this study help in determining suitable garments that offer the correct level of protection and the best comfort. We provide personal protective workwear solutions for almost all occupations, working conditions and – not least – for all your risk assessments. Examples of hazards that are investigated in a risk assessment:

**Thermal hazards:** High convective heat, high radial heat, flame contact, steam, molten metals and hot surfaces.

**Electric hazards:** High voltage, electric arc, static charge build-up.

Read more in our Flame protection brochure and at [fristads.com](https://fristads.com).

## Norms and certifications

Certified Personal Protective Clothing Systems following the Regulation (EU) 2016/425 for Personal Protective Equipment (PPE). Read more about certifications and norms on pages 216-221.



### IEC 61482-2

Electric arc  
Box test and Open arc test



### EN ISO 11612

Heat and flame



### EN ISO 11611

Welding and allied processes



### EN 1149-5

Electrostatic properties, design requirements



### EN 13034

Liquid chemicals, limited protection



### EN ISO 14116

Limited flame spread



### EN ISO 20471

High visibility warning clothing



### EN 343

Rain. See page 262.



### EN 342

Cold. See page 262.



### ISO 14404

Knee protection. See page 262.

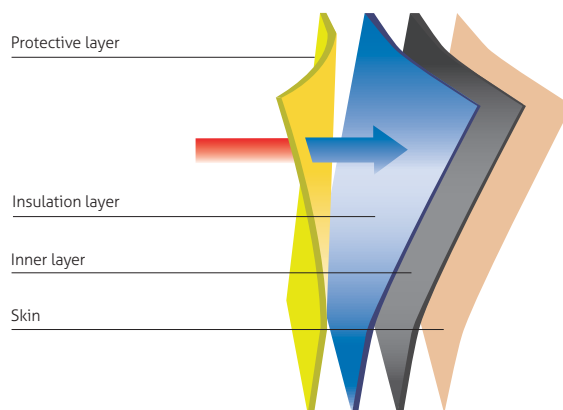


### EN ISO 15797

Industrial laundry

# The best way to protect yourself is to have multiple layers of garments

Flame retardancy prevents flames from spreading. However, heat can spread through the garment, causing skin burn injuries. If you wear flame-retardant garments, they will protect against heat for a certain period. Wearing additional layers of flame certified garments will significantly increase your protection.



**Layer 1**  
Inner layer

Flame-retardant underwear adds to your protection. It transports body moisture away, keeps you dry and prevents chilling of the skin.



**Layer 2**  
Insulation layer

An additional, flame-retardant, insulation layer provides heat insulation and additional protection. Select garment thickness based on your working conditions.



**Layer 3**  
Protective layer

The outer layer is the protective shield that secures your safety.



# Maximise your electric arc protection

By wearing several layers of protective garments you increase the amount of energy that a garment system can withstand in the event of an electric arc accident. We have conducted electric arc tests with different clothing combinations to ensure correct values and provide as much protection as possible.

To achieve correct test values, the entire combination of clothes (layer 1-3) must be tested together. It is not possible to calculate a correct test value simply by adding up the values of each individual garment.

Read more about Electric Arc on page 216. See the exact values for different garment combinations at [fristads.com](https://fristads.com).



## Open arc result

EN 61482-1-1  
ATPV 67.3 cal/cm<sup>2</sup>  
HAF 95.4%

**Box test approved:** ☒  
EN 61482-1-2 CLASS 2, 7 kA

## ELIM – the new way to state the safety of your clothes

ELIM (Incident Energy Limit) is the new common way to state the calorific value of ATPV and EBT in open arc testing. ELIM measures the amount of energy a garment can withstand and still maintain a 0% risk of second-degree burns for the person wearing it, whereas ATPV and EBT both measure exposure with a 50% risk of a burn. That means the ELIM value always will be lower than ATPV and EBT.

We are currently updating and recertifying the garments in our existing flame assortment to reflect the new ELIM value. We expect this process to be completed in 2021. Read more on page 216.



## Electric arc certified combination

See the exact values for different garment combinations at [fristads.com](https://fristads.com).



**FLAMESTAT LONG SLEEVE  
T-SHIRT 7026 MOF**  
Art no 12163

+



**FLAMESTAT HIGH VIS SHIRT  
CL 3 7050 ATS**  
Art no 124178

+



**FLAMESTAT HIGH VIS WINTER  
PARKA CL 3 4086 ATHR**  
Art no 109423

=

The three garments are Arc-tested together to get the exact value



## Open arc result

EN 61482-1-1  
ATPV 67.3 cal/cm<sup>2</sup>  
HAF 95.4%

**Box test approved:** ☒  
EN 61482-1-2 CLASS 2

# Increase your welding protection

Attain the highest welding certification – class 2

Increase your protection against radiant heat, contact heat and molten iron splashes

Fristads' layer-on-layer tests show how to attain an increased level of protection by combining different garments. This applies to welding (EN ISO 11611) and protection against heat and flame (EN ISO 11612). The key to achieving this higher level of protection is to use our underwear in MOF fabric underneath your ordinary welding protective clothing. You can easily see how much your protection increases by checking our layer-on-layer table at [fristads.com](http://fristads.com).

Certified garment combinations are approved for:



## INCREASED PROTECTION FOR WELDING – EN ISO 11611

Applies to welding garments in our Flamestat and Flame collections in combination with MOF long underwear. Fristads also has a welding collection approved for welding class 2, see page 218.



## INCREASED PROTECTION AGAINST HEAT AND FLAME – EN ISO 11612

**Radiant heat: C2, Molten iron splash: E3, Contact heat: F2**

Applies to welding garments from our Flame and Flamestat collections in combination with our MOF underwear. Garments that are not approved for welding will get increased protection against radiant heat C2 and contact heat F2. However, they will not be certified for molten iron splash E3 since the design features loose-hanging pockets. Read more about the norms on page 217. See the result for different garment combinations at [fristads.com](http://fristads.com).

Layer 1  
**FLAMESTAT  
LONG SLEEVE T-SHIRT  
7026 MOF**  
Art no 121639

**FLAMESTAT  
LONG JOHNS  
7027 MOF**  
Art no 121641



Layer 2  
**FLAME HIGH VIS  
JACKET  
CL 3 4584 FLAM**  
Art no 125938

**FLAME HIGH VIS  
TROUSERS  
CL 2 2585 FLAM**  
Art no 125940

FLAME PROTECTION

## Choose inherent or flame-retardant treated

To protect your skin, all our flame-retardant garments feature textile technology that inhibits the combustion process and creates a protective barrier between the heat source/the flame and the skin to prevent second-degree burns in the event of an accident. Our range of flame-protected garments is divided in two categories – Flamestat and Flame. All garments in both our Flamestat and Flame collections are OEKO-TEX® certified, which means that all parts of the garment are free from harmful substances and don't pose a risk to your health.

### Flamestat – Materials with inherent flame protection

The flame protection in our Flamestat collection fabrics is already integrated in the fibres. These garments have a permanent flame protection that lasts the entire lifespan of the garments. Materials with inherent flame protection are soft and comfortable. Our GORE-TEX material GXE has inherent flame protection in the laminate. Modacrylics, wool and flame-retardant viscose are other examples of materials with inherent flame protection. Read more about materials with inherent flame protection on page 178.

### Flame – Materials that are flame-retardant treated

The garments in our Flame collections are made of flame-retardant treated materials. The treatment interacts with the cotton in the material and gives a permanent protection that lasts the entire lifespan of the garment. Cotton and polyester fabrics that have been treated with the flame-retardant additive Proban. Read more about flame-retardant treated materials on page 179.

## Combine your high-visibility garments to increase the safety class

In Fristads' high-visibility clothing system we have co-certified our collections, so garments in class 1 or 2 can be combined in various ways to obtain a higher certified safety class. By using our quick reference guide, you can easily see how to combine our garments to reach the requested visibility class. Read more on page 219.

U1	U2	U3	U4	U5	U6	W
	1	2	2	2	3	7
						177



# Flamestat

Materials with inherent flame protection



## Flamestat Underwear

- Soft comfortable materials
- Electric arc tested
- Antistatic
- See pages 210-213

**FLAMESTAT LONG SLEEVE T-SHIRT 7026 MOF**  
Art no 121639> Page 211

**FLAMESTAT LONG JOHNS 7027 MOF**  
Art no 121641> Page 211

## Flamestat Multinorm

- Multinorm
- Wide collection – from T-shirts to winter jackets
- Also women's models
- See pages 185-195 and 246-249

**FLAMESTAT HIGH VIS JACKET WOMAN CLASS 3 4275 ATHS**  
Art no 122195> Page 246

**FLAMESTAT HIGH VIS CRAFTSMAN TROUSERS WOMAN CLASS 2 2775 ATHS**  
Art no 122196> Page 247

## Flamestat Molten Metal

- Protection against molten metal
- Approved for welding
- Electric arc tested
- See page 196

**FLAMESTAT JACKET 4965 MFA**  
Art no 122286> Page 196

**FLAMESTAT TROUSERS 2165 MFA**  
Art no 122287> Page 196

## Flamestat GORE-TEX Garments

- Lightweight and flexible
- Multinorm, extra high arc rating
- Waterproof, windproof, breathable
- See pages 180-181 and 249

**FLAMESTAT HIGH VIS GORE-TEX PYRAD® SHELL JACKET CLASS 3 4095 GXE**  
Art no 125617> Page 181

**FLAMESTAT HIGH VIS GORE-TEX PYRAD® SHELL TROUSERS CLASS 2 2095 GXE**  
Art no 125618> Page 181

# Flame

Materials that are flame-retardant treated



FLAME PROTECTION

## Flame High-Visibility

- High cotton comfort
- Most garments approved for welding
- Also women's models
- See pages 198-203 and 251

**FLAME HIGH VIS JACKET CLASS 3 4584 FLAM**  
Art no 125938> Page 200

**FLAME HIGH VIS CRAFTSMAN TROUSERS CLASS 2 2584 FLAM**  
Art no 125939> Page 199

## Flame

- High cotton comfort
- Most garments approved for welding
- Also women's trousers
- See pages 204-207 and 251

**FLAME JACKET 4030 FLAM**  
Art no 100333> Page 204

**FLAME CRAFTSMAN TROUSERS 2030 FLAM**  
Art no 100329> Page 204

## Flame Welding

- Approved for welding class 2
- High molten iron protection
- Durable
- See pages 200-202, 208-209 and 251

**FLAMESTAT SHIRT 7200 ATS**  
Art no 114095> Page 207

**FLAME WELDING BIB'N'BRACE 1029 WEL**  
Art no 131165> Page 209

## Flame Shell Garments

- Waterproof, windproof, breathable
- High cotton comfort
- Multinorm, high arc rating
- See page 203

**FLAME HIGH VIS AIRTECH® SHELL JACKET CLASS 3 4022 FLR**  
Art no 129869> Page 203

**FLAME HIGH VIS AIRTECH® SHELL TROUSERS CLASS 2 2152 FLR**  
Art no 129870> Page 203



# Flamestat GORE-TEX PYRAD® shell garments with outstanding protection and comfort

- Lightweight and flexible
- Perfect for layering in different types of weather, year-round
- Very high level of protection – Multinorm
- Extra high electric arc protection  
Open Arc Test EBT: 49.1 cal/cm<sup>2</sup>  
Box Test class 2 = 7 kA
- Electric arc tested in layers for higher protection
- Heat and flame protection
- Electrostatic discharge protection
- Metal free
- Approved for class 2 welding
- Molten metal protection
- Liquid chemicals protection
- Certified high-vis garments
- Certified rain garments
- Inherent flame protection
- Dirt and oil repellent
- Certified after 30 washes at 60°
- OEKO-TEX® certified
- Also available as women's model

## Fabric GXE / GORE-TEX PYRAD® material

GXE is a lightweight GORE-TEX 2-layer material providing greater freedom of movement for the wearer. It is waterproof and windproof as well as breathable, and the fabric remains light and flexible even in wet conditions. The material is also dirt and oil repellent.

The GXE fabric is made of polyester and antistatic fibres with a flame-retardant and electric arc protective laminate. The material has inherent flame protection in the sense that the flame-protective performance is included in the laminate. No flame-retardant treatment of the outer textile is added. The protective performance of the fabric remains the same even after many years of usage.

The high-visibility GXE fabric provides outstanding Multinorm protection and is certified for a wide range of hazards. It has extra high protection against electric arc, is approved for class 2 welding, protects against molten metal splashes, is antistatic and protects against liquid chemicals. The material is PRO labelled and tested for industrial laundry according to ISO 15797. The garments are approved after 30 washes in 60°. The GXE material is OEKO-TEX® certified.

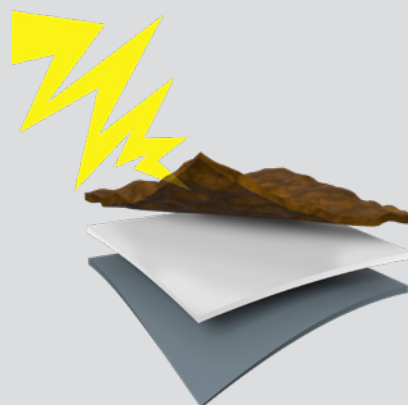
**WEIGHT:** 220 g/m<sup>2</sup>  
**EBT:** 49.1 cal/cm<sup>2</sup>

**CLASS 2:** 7kA  
**HAF:** 94.8%

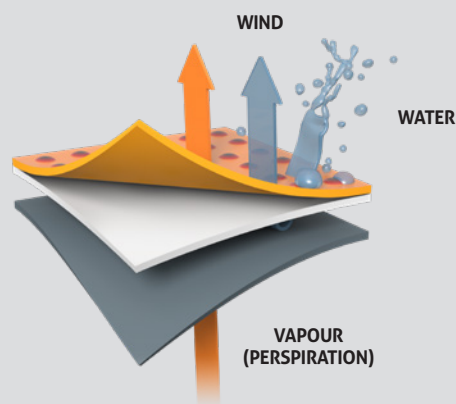


## Tested in rain room

Gore Rain Tower prototype testing. This sophisticated testing facility is designed to simulate demanding, life-like rain conditions. Garment constructions and styles are tested for one hour in heavy rain to ensure waterproofness.



The GXE fabric technology blocks convective heat flow during arc exposure and stops propagation.



The material and garment construction are durably waterproof, windproof and highly breathable.

GORE-TEX, PYRAD®, GORE® and designs are registered trademarks of W. L. Gore & Associates



## CORE

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### FLAMESTAT HIGH VIS GORE-TEX PYRAD® SHELL JACKET CLASS 3

4095 GXE

Article no 125617

2-layer GORE-TEX PYRAD® material, wind and waterproof but breathable / Dirt and oil repellent / Fully lined / Reflective detail on shoulders / Detachable lined hood with adjustable strap and drawstring / Storm flap with zip to top of collar and velcro fastening / 2 chest pockets with flap with velcro fastening and zip, 1 with D-ring / 2 front pockets with flap with velcro fastening and zip / 2 inside pockets, 1 with button and 1 with zip / Adjustable sleeve end / Elastic inner cuffs / Adjustable hem with drawstring / Zip in lining to make embroidery and transfer easier / Metal free garment / Waterpillar > 10.000mm / ePTFE membrane / Breathability RET 8,33 / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 EBT: 49,1 cal/cm² HAF: 94,8% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 A2 B2 C1 D3 E1 F1, EN ISO 11611 A1 A2 class 2, EN 1149-5, EN 13034 type PB [6], EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-3XL and EN 343 class 3/3 / Approved after 30 washes / OEKO-TEX® certified.

**MATERIAL** 99,4% polyester, 0,6% carbon, 2-layer GORE-TEX PYRAD® material, wind and waterproof but breathable. Lining: 50% meta-aramide, 50% viscose FR. Inherent flame protection. **WEIGHT** 220 g/m², lining 130 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



ELASTIC  
DETACHABLE  
BRACES

## CORE

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### FLAMESTAT HIGH VIS GORE-TEX PYRAD® SHELL TROUSERS CLASS 2

2095 GXE

Article no 125618

2-layer GORE-TEX PYRAD® material, wind and waterproof but breathable / Dirt and oil repellent / Fully lined / Elastic detachable braces / 2 front pockets with flap and zip / 2 back pockets with flap and concealed snap fastening / Hammer loop / 2 leg pocket with flap and concealed snap fastening. 1 with phone pocket with flap and velcro fastening. D-ring and ID-card pocket / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Concealed zip up to knee / Snow gaiter / Adjustable leg end / Metal free garment / Waterpillar > 10.000 mm / ePTFE membrane / Breathability RET 8,33 / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 EBT: 49,1 cal/cm² HAF: 94,8% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 A2 B2 C1 D3 E1 F1, EN ISO 11611 A1 A2 class 2, EN 1149-5, EN 13034 type PB [6], EN ISO 20471 class 2, EN 343 class 3/3 and EN 14404 together with kneepads 124292 / Approved after 30 washes.

**MATERIAL** 99,4% polyester, 0,6% carbon, 2-layer GORE-TEX PYRAD® material, wind and waterproof but breathable. Lining: 50% meta-aramide, 50% viscose FR. Inherent flame protection. **WEIGHT** 220 g/m², lining 130 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.







# Flamestat Multinorm Stretch

Exceptional lightweight  
stretch comfort

- Comfortable stretch material
- Maximum comfort and freedom of movement
- Lightweight and soft material – only 265 g/m<sup>2</sup>
- Inherent flame protection
- Multinorm
- Electric arc protection tested to both Box Test and Open Arc Test
- Tested for electric arc layer-on-layer protection
- Heat and flame protection
- Electrostatic discharge protection
- Metal free
- Liquid chemical protection
- Certified high-vis garments
- Service trousers are approved for welding
- Tested in layers for class 2 welding
- Knee pockets certified together with knee pads 124292
- Flame retardant and antistatic CORDURA® reinforcements
- Dirt, oil and water repellent
- Tested for industrial laundry according to ISO 15797 and PRO labelled
- Certified after 50 washes in 60°
- OEKO-TEX® certified

## ATHF material

ATHF fabric is a lightweight stretch material that makes the garments incredibly comfortable to wear and allows for outstanding freedom of movement. The ATHF fabric has the same advantages as our ATHS material but is more lightweight and contains elastane, which adds a comfortable stretch effect to the garments.

The material has inherent flame protection and is made from modacrylic, cotton, polyamide, elastane and antistatic fibres. The fabric is dirt, oil and water repellent and the inside has a soft surface providing a comfortable feeling closest to the body. It is quick drying and has excellent moisture management properties. We have added polyamide to the fabric to achieve higher resistance to wear and tear.

The ATHF material has multinorm protection and protects against electric arc, welding and liquid chemicals, and is antistatic. The material is PRO labelled and tested for industrial laundry according to ISO 15797. The garments are certified after 50 washes at 60°. The ATHF material is OEKO-TEX® certified.

**WEIGHT:** 265 g/m<sup>2</sup>    **LOI:** 35%  
**EBT:** 10.3 cal/cm<sup>2</sup>    **HAF:** 80%

APPROVED FOR  
WELDING

**CORE**

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### FLAMESTAT HIGHVIS STRETCH TROUSERS CLASS 1 2162 ATHF

Article no 129518

Stretch fabric / Dirt, oil and water repellent / 2 front pockets / 2 CORDURA® reinforced back pockets with flap and concealed snap fastening / Double crotch seam / Hammer loop / CORDURA® reinforced folding rule pocket with flap and concealed snap fastening, button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening, D-ring under flap / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Reinforced 2 needle stitching on reflective tape / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 Class 1, EN 61482-1-1 EBT: 10,3 cal/cm2 HAF: 80% (see Electric arc table for certified garments combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 13034 Type PB [6] and EN ISO 20471 Class 1 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

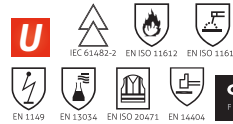
**MATERIAL** 45% modacrylic, 34% cotton, 17% polyamide, 2% elastane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 265 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C44-C62, C146-C156, D84-D116.



APPROVED FOR  
WELDING

**CORE**

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### FLAMESTAT HIGHVIS STRETCH TROUSERS CLASS 2 2161 ATHF

Article no 129517

Stretch fabric / Dirt, oil and water repellent / 2 front pockets / 2 CORDURA® reinforced back pockets with flap and concealed snap fastening / Double crotch seam / Hammer loop / CORDURA® reinforced folding rule pocket with flap and concealed snap fastening, button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening, D-ring under flap / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Reinforced 2 needle stitching on reflective tape / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 Class 1, EN 61482-1-1 EBT: 10,3 cal/cm2 HAF: 80% (see Electric arc table for certified garments combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN ISO 11611 A1 Class 1 (see Flame and welding table for certified garment combinations), EN 13034 Type PB [6], EN ISO 20471 class 2 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 34% cotton, 17% polyamide, 2% elastane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 265 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C44-C62, C146-C156, D84-D116.



**CORE**

SEE PAGE 9



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**PRO T1**

### FLAMESTAT HIGHVIS STRETCH CRAFTSMAN TROUSERS CLASS 1 2163 ATHF

Article no 129519

Stretch fabric / Dirt, oil and water repellent / 2 front pockets / 2 CORDURA® reinforced loose-hanging pockets, 1 with 3 small pockets and tool loops and 1 with extra pocket / 2 CORDURA® reinforced back pockets, one with with flap and concealed snap fastening / Double crotch seam / Hammer loop / CORDURA® reinforced folding rule pocket with pen holder and button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening, D-ring under flap / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Reinforced 2 needle stitching on reflective tape / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 Class 1, EN 61482-1-1 EBT: 10,3 cal/cm2 HAF: 80% (see Electric arc table for certified garments combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5 and EN ISO 20471 class 1 / Fabric is approved according to EN 13034 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 34% cotton, 17% polyamide, 2% elastane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 265 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C44-C62, C146-C156, D84-D116.



**CORE**

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**PRO T3**

### FLAMESTAT HIGHVIS STRETCH CRAFTSMAN TROUSERS CLASS 2 2167 ATHF

Article no 129520

Stretch fabric / Dirt, oil and water repellent / 2 front pockets / 2 CORDURA® reinforced loose-hanging pockets, 1 with 3 small pockets and tool loops and 1 with extra pocket / 2 CORDURA® reinforced back pockets, one with with flap and concealed snap fastening / Double crotch seam / Hammer loop / CORDURA® reinforced folding rule pocket with pen holder and button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening, D-ring under flap / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Reinforced 2 needle stitching on reflective tape / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 Class 1, EN 61482-1-1 EBT: 10,3 cal/cm2 HAF: 80% (see Electric arc table for certified garments combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5 and EN ISO 20471 class 2 / Fabric is approved according to EN 13034 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 34% cotton, 17% polyamide, 2% elastane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 265 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C44-C62, C146-C156, D84-D116.



FLAME PROTECTION



# Women's Collection

See pages 222-251



**FLAMESTAT HIGH VIS LONG SLEEVE  
T-SHIRT WOMAN CLASS 3 7097 TFLH**  
Art no 129522> Page 248

**FLAMESTAT HIGH VIS CRAFTSMAN  
TROUSERS WOMAN CLASS 2 2775 ATHS**  
Art no 122196> Page 247

**FLAMESTAT LONG SLEEVE T-SHIRT  
WOMAN 7098 TFLH**  
Art no 129523> Page 248

**FLAMESTAT HIGHVIS STRETCH CRAFTSMAN  
TROUSERS WOMAN CLASS 1 2171 ATHF**  
Art no 129521> Page 247

**FLAMESTAT SHIRT WOMAN 7099 ATS**  
Art no 129524> Page 249

**FLAMESTAT HIGH VIS TROUSERS  
WOMAN CLASS 1 2776 ATHS**  
Art no 122197> Page 247



# Fristads Flamestat Multinorm

## Superior protection, function, comfort and durability

Our high-performance Flamestat Multinorm collection is certified according to several European norms to protect workers in many different professions and to meet most risk assessments. All Flamestat garments have inherent flame protection, which means that the material fibres are inherent and offer permanent flame protection.

- Inherent flame protection
- Great comfort and freedom of movement
- Comfortable and durable
- Broad target group
- Garments for all seasons
- Large size range
- Women's collection
- Electric arc protection tested to both Box Test and Open Arc Test
- Tested for electric arc layer-on-layer protection
- Heat and flame protection. Tested layer-on-layer for increased protection
- Welding garments tested for layer-on-layer protection for class 2 welding
- Antistatic – electrostatic discharge protection
- Chemical splash protection
- The majority are certified high-visibility garments
- Metal free
- Knee pockets are certified together with our kneepads 124292
- Flame retardant and antistatic CORDURA® reinforcements
- All garments in ATHF, ATHR and ATHS materials are dirt, oil and water repellent
- The majority of the garments are leasing-laundry tested according to ISO 15797 and PRO labelled. Certified after 25-50 washes
- OEKO-TEX® certified



# High-Performance Flamestat Multinorm Garments

Roomy chest pocket with opening for radio-antenna at top and pocket with vertical zip

Roomy chest pocket with inside D-ring, pen strap and concealed snap fastening

Roomy chest pocket with vertical zip

Inside phone pocket with velcro fastening and loop for mobile phone earpiece

Front placket opening with zip to top of collar and concealed snap fastening

Inside pocket with button

2 front pockets with concealed snap fastening

Extended back

Adjustable cuffs and waist

Tuckable, CORDURA®-reinforced, loose-hanging front pockets.  
One with 3 pockets and tool loops and one with extra pocket

Reinforced crotch seam

Reinforced thigh panels

CORDURA®-reinforced folding rule pocket with tool pocket,  
button and loop for sheath knife

Leg pocket with flap and concealed snap fastening, phone pocket  
with flap and velcro fastening, D-ring

Pre-shaped knees

CORDURA®-reinforced knee pockets with inside opening for height-adjustable knee pads.  
Approved according to EN 14404 together with knee pads 124292

Double-stitched seams on all reflective tapes give better durability

CORDURA® reinforced leg ends



**FLAMESTAT HIGH VIS JACKET CLASS 2 4176 ATHS**

Art no 120929> Page 187

**FLAMESTAT HIGH VIS CRAFTSMAN TROUSERS CLASS 2 2075 ATHS**

Art no 109420> Page 188

APPROVED FOR  
WELDING



540



### FLAMESTAT JACKET 4174 ATHS

Article no 119921

Dirt, oil and water repellent / Reflective detailing on shoulders / Front placket opening with zip to top of collar and concealed snap fastening / 1 chest pocket with bellows pocket bag, inside D-ring, pen strap and concealed snap fastening / 1 chest pocket with zip fastening / 2 front pockets with concealed snap fastening / Inside pockets with button / Inside mobile phone pocket with velcro fastening and loop for mobile phone earpiece / Adjustable waist and cuffs / Reflective tape around sleeves / Extended back / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12,8 cal/cm<sup>2</sup> HAF: 84,2% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5 and EN 13034 Type PB [6] / Leasing laundry-tested according to ISO 15797 / Approved after 50 washes / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 300 g/m<sup>2</sup>. **COLOUR** 540 Dark Navy. **SIZE** XS-3XL.



APPROVED FOR  
WELDING

**CORE**

SEE PAGE 9



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### FLAMESTAT HIGH VIS JACKET CLASS 3 4175 ATHS

Article no 119922

Dirt, oil and water repellent / Reflective detailing on shoulders / Front placket opening with zip to top of collar and concealed snap fastening / 1 chest pocket with bellows pocket bag, inside D-ring, pen strap and concealed snap fastening / 1 chest pocket with zip fastening / 2 front pockets with concealed snap fastening / Inside pocket with button / Inside mobile phone pocket with velcro fastening and loop for mobile phone earpiece / Adjustable waist and cuffs / Reflective tape around sleeves / Extended back / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12,8 cal/cm<sup>2</sup> HAF: 84,2% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 class 2 – size XS and class 3 – sizes S-3XL / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 300 g/m<sup>2</sup>. **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



**CORE**

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### FLAMESTAT HIGH VIS JACKET CLASS 2 4176 ATHS

Article no 120929

Dirt, oil and water repellent / Reflective detailing on shoulders / Front placket opening with zip to top of collar and concealed snap fastening / 2 bellows chest pockets with flap and concealed snap fastening, 1 with inside D-ring and pen strap and 1 with opening for radio-antenna at top / 1 chest pocket with zip / 2 front pockets with concealed snap fastening / Inside pocket with button / Inside phone pocket with velcro fastening and loop for mobile phone earpiece / Adjustable waist and cuffs / Reflective tape around sleeves / Extended back / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12,8 cal/cm<sup>2</sup> HAF: 84,2% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 class 1 sizes XS-S, class 2 sizes M-3XL / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 300 g/m<sup>2</sup>. **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



## ATHS material

ATHS is a lightweight and durable material that makes the garments comfortable to wear and allows for better freedom of movement. ATHS is inherently flame retardant and is made of modacrylic, cotton, polyamide and antistatic fibres.

The outside of the fabric is dirt, oil and water repellent and the reverse side has a soft surface, providing a comfortable feeling next to the body. It is quick drying and has excellent moisture management properties. We have added polyamide to the material for stronger resistance to wear and tear.

The ATHS material has multinorm protection and protects against electric arc, welding and chemical splashes, and is antistatic. The material is leasing-laundry tested according to ISO 15797 and PRO labelled. The garments are certified after 50 washes at 75°. The ATHS material is OEKO-TEX® certified.

**WEIGHT:** 300 g/m<sup>2</sup>

**LOI:** 35%

**EBT:** 12.8 cal/cm<sup>2</sup>

**HAF:** 84.2%



**CORE**

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**CORE**

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**FLAMESTAT HIGH VIS CRAFTSMAN TROUSERS CLASS 1 2074 ATHS**

Article no 109417

Dirt, oil and water repellent / 2 tuckable, CORDURA® reinforced, loose-hanging front pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 front pockets / D-ring at waistband / 2 CORDURA®-reinforced back pockets one with flap / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening and D-ring / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, button and loop for sheath knife / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12,8 cal/cm² HAF: 84,2% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5 and EN ISO 20471 class 1 / Fabric is approved according to EN 13034 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Inherent flame protection. Reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 300 g/m².

**COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C44-C62, C146-C156, D84-D116.

**FLAMESTAT HIGH VIS CRAFTSMAN TROUSERS CLASS 2 2075 ATHS**

Article no 109420

Dirt, oil and water repellent / 2 tuckable, CORDURA® reinforced, loose-hanging front pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 front pockets / D-ring at waistband / 2 CORDURA®-reinforced back pockets one with flap / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening, D-ring / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, button and loop for sheath knife / Reinforced thigh panels in contrast colour / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12,8 cal/cm² HAF: 84,2% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5 and EN ISO 20471 class 2 / Fabric is approved according to EN 13034 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Inherent flame protection. Reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 300 g/m².

**COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C44-C62, C146-C156, D84-D116.

APPROVED FOR  
WELDING**CORE**

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**FLAMESTAT HIGH VIS TROUSERS CLASS 1 2176 ATHS**

Article no 121355

Dirt, oil and water-repellent / 2 front pockets / D-ring at waistband / 2 CORDURA® reinforced back pockets with flaps / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening, D-ring / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, button and loop for sheath knife / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / 2-needle stitching on reflective tape / Adjustable leg length with 5 cm hem allowance / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12,8 cal/cm² HAF: 84,2 % (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 class 1 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2%anti-static fibre. Inherent flame protection. Reinforcement: 79% cotton, 20% polyamide, 1% anti-static fibre. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C44-C62, D84-D116.





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### FLAMESTAT HIGH VIS BIB'N'BRACE CLASS 2 1075 ATHS

Article no 109419

Dirt, oil and water repellent / Front placket opening with two-way, full-length front zip and concealed snap fastening / 2 chest pockets with concealed snap fastening / Elasticated braces / 2 tuckable, CORDURA®-reinforced, loose-hanging pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / D-ring at waist / Double reinforced crotch seam / 2 CORDURA®-reinforced back pockets, one with flap / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening, D-ring / Hammer loop / CORDURA®-reinforced folding rule pocket with tool pocket, button and loop for sheath knife / Reinforced thigh panels in contrast colour / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12.8 cal/cm² HAF: 84,2% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5 and EN ISO 20471 class 2 / Fabric is approved according to EN 13034 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Inherent flame protection. Reinforcement in 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 300 g/m².

**COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C44-C62.



CAN EASILY BE  
ATTACHED TO  
ANY TROUSERS



Combine with belt 117320.  
See page 214.



### FLAME NAIL POCKETS 9179 ATHS

Article no 131925

2 CORDURA® reinforced loose hanging pockets, one with 3 smaller pockets and tool loops, one with extra pocket / Attached with velcro fastening / Fits with trousers 121355, 122197, 121354, 125038, 109424, 125940, 125942, 125943, 125945, 125949, 125951, 126510, 100330, 130666 and belt 117320 / Fabric is approved according to EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1, EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 12 cal/cm² ELIM: 9 cal/cm², EN 13034 and EN 1149-3 / Leasing laundry-tested according to EN ISO 15797 / OEKO-TEX®-certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. **WEIGHT** 300 g/m². **COLOUR** 540 Dark Navy. **SIZE** One size.



APPROVED  
FOR WELDING



540



### FLAMESTAT TROUSERS 2148 ATHS

Article no 125038

Dirt, oil and water repellent / 2 front pockets / D-ring at waistband / 2 back pockets with flap and velcro fastening / Leg pocket with flap and snap fastening / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening, D-ring / Adjustable leg length with 5 cm hem allowance / Metal free garment / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12.8 cal/cm² HAF: 84,2 % (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5 and EN 13034 Type PB [6] / Approved after 50 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 300 g/m². **COLOUR** 540 Dark Navy. **SIZE** C44-C62, D84-D116.



APPROVED FOR  
WELDING



540



### FLAMESTAT TROUSERS 2144 ATHS

Article no 121354

Dirt, oil and water repellent / 2 front pockets / 2 back pockets with flap / D-ring at waistband / Double reinforced crotch seam / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening, D-ring / Leg pocket with flap / Folding rule pocket / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Adjustable leg length with 5 cm hem allowance / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12.8 cal/cm² HAF: 84,2 % (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5 and EN 13034 Type PB [6] / Approved after 50 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Inherent flame protection. Reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 300 g/m². **COLOUR** 540 Dark Navy. **SIZE** C44-C62, D84-D116.





APPROVED  
FOR WELDING



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### FLAMESTAT HIGH VIS COVERALL CLASS 3 8175 ATHS

Article no 125893

Dirt, oil and water repellent / Reflective detailing on shoulders / Front placket opening with zip to top of collar and concealed snap fastening / 2 bellowed chest pocket with flap and concealed snap fastening, one with inside D-ring and pen strap / Chest pocket with zip / 2 front pockets / 2 bellowed back pockets with flap and velcro fastening / Hammer loop / Folding rule pocket with flap and concealed snap fastening and button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, 1 phone pocket with flap and velcro fastening / CORDURA® reinforced knee pocket with inside opening / Height adjustment for knee pads in knee pocket / Adjustable waist and cuffs / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12,8 cal/cm² HAF: 84,2% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations for EN 11612 C2, E3, F2 and EN 11611 A1 class 2), EN 1149-5, EN 13034 Type PB [6], EN 14404 together with kneepads 124292 and EN ISO 20471 class 3 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Inherent flame protection. Reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 300 g/m².

**COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



APPROVED  
FOR WELDING



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### FLAMESTAT HIGH VIS COVERALL CL 1 8174 ATHS

Article no 130666

Dirt, oil and water repellent / Front placket opening with zip to top of collar and concealed snap fastening / 2 bellowed chest pocket with flap and concealed snap fastening, one with inside D-ring and pen strap / Chest pocket with zip / 2 front pockets / Hammer loop / 2 bellowed back pockets with flap and velcro fastening / Folding rule pocket with flap and concealed snap fastening and button and loop for sheath knife / Leg pocket with zip, flap and concealed snap fastening, 1 phone pocket with flap and velcro fastening / CORDURA® reinforced knee pocket with inside opening / Height adjustment for knee pads in knee pocket / Adjustable waist and cuffs / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12,8 cal/cm² HAF: 84,2% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations for EN 11612 C2, E3, F2 and EN 11611 A1 class 2), EN 1149-5, EN 13034 Type PB [6], EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Inherent flame protection. Reinforcement: 79% cotton FR, 20% polyamide, 1% antistatic fibre. **WEIGHT** 300 g/m².

**COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



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### FLAMESTAT HIGH VIS WAISTCOAT CLASS 2 5075 ATHS

Article no 110642

Dirt, oil and water repellent / Reflective detailing on shoulders / Front placket opening with zip and concealed snap fastening / 2 loose-hanging chest pockets with snap fastening, one with flap and D-ring with concealed snap fastening / 2 front pockets / 2 CORDURA® reinforced loose-hanging, tuckable front pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 CORDURA® reinforced loose-hanging back pockets, both with extra tool pocket / 2 hammer loops / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12,8 cal/cm² HAF: 84,2%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5 all certifications together with long sleeve garments with at least the same certifications, EN ISO 20471 class 2 and fabric approved according to EN 13034 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Inherent flame protection. Reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 300 g/m².

**COLOUR** 130 Hi-Vis Yellow. **SIZE** XS-2XL.



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### FLAMESTAT COAT 3074 ATHS

Article no 121115

Dirt, oil and water repellent / Reflective detailing on shoulders / Front placket opening with concealed snap fastening / 1 chest pocket with pen pocket, flap with concealed snap fastening and outside pen straps / 2 front pockets with concealed snap fastening and flap / Cuffs with concealed snap fastening / Reflective tape around body / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12,8 cal/cm² HAF: 84,2%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5 and EN 13034 Type PB [6] / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 300 g/m². **COLOUR** 540 Dark Navy. **SIZE** XS-3XL.





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### FLAMESTAT HIGH VIS SHIRT CLASS 1 7051 ATS

Article no 124309

Reflective detailing on shoulders / Concealed snap fastening under front placket / 2 chest pockets with flap and concealed snap fastenings, 1 with pen loops / Cuffs with concealed snap fastening / Extended back / Side slits / Metalfree garment / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 9,9 cal/cm<sup>2</sup> HAF: 78,0% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 A2 B1 C1 F1, EN 1149-5, EN ISO 20471 class 1, EN 13034 Type PB [6] / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 54% modacrylic, 44% cotton, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m<sup>2</sup>. **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



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### FLAMESTAT HIGH VIS SHIRT CLASS 3 7050 ATS

Article no 124178

Reflective detailing on shoulders / Concealed snap fastening under front placket / 2 chest pockets with flap and concealed snap fastenings, 1 with pen loops / Cuffs with concealed snap fastening / Extended back / Side slits / Metalfree garment / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 9,9 cal/cm<sup>2</sup> HAF: 78,0% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 A2 B1 C1 F1, EN 1149-5, EN ISO 20471 class 3, EN 13034 Type PB [6] / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 54% modacrylic, 44% cotton, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m<sup>2</sup>. **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.

APPROVED  
FOR WELDING

CORE

SEE PAGE 9



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### FLAMESTAT SHIRT 7200 ATS

Article no 114095

Front placket opening with concealed snap fastening / Cuffs with concealed snap fastenings / Extended back / 2 chest pockets with flap and concealed snap fastenings / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 9,9 cal/cm<sup>2</sup> HAF: 78,0% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 A2 B1 C1 F1, EN ISO 11611 A1 A2 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5 and EN 13034 type PB [6] / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 54% modacrylic, 44% cotton, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m<sup>2</sup>. **COLOUR** 540 Dark Navy. **SIZE** XS-4XL.



CORE

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### FLAMESTAT SHIRT 7074 ATS

Article no 109425

Reflective detailing on shoulders / Concealed snap fastening under front placket / Cuffs with concealed snap fastening / Extended back / 2 chest pockets with flap and concealed snap fastenings, 1 with pen loops / Metalfree garment / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 9,9 cal/cm<sup>2</sup> HAF: 78,0% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 A2 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6] / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 54% modacrylic, 44% cotton, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m<sup>2</sup>. **COLOUR** 540 Dark Navy. **SIZE** XS-4XL.





## CORE

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Navy  
sweatshirt  
see page 205



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### FLAMESTAT HIGH VIS SWEATSHIRT CLASS 3 7076 SFLH

Article no 109428

Reflective detailing on shoulders / Rib-knit neck, cuffs and hem / 5 cm gusset in side with gap in the reflective tape for comfort and freedom of movement / Approved in accordance with EN 61482-1-2 class 1, EN 61482-1-1 EBT: 18,9 cal/cm<sup>2</sup> HAF: 90,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1, EN 1149-5 and EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-3XL / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 60% modacrylic, 37% cotton, 3% anti-static fibre. Inherent flame protection. **WEIGHT** 400 g/m<sup>2</sup>. **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



## CORE

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### FLAMESTAT HIGH VIS LONG SLEEVE T-SHIRT CLASS 3 7077 TFLH

Article no 125041

Reflective detailing on shoulders / Rib-knit neck and cuffs / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 5,9 cal/cm<sup>2</sup> HAF: 78,9% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1, EN 1149-5 and EN 20471 class 2 – sizes XS-S and class 3 – sizes M-3XL / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 60% modacrylic, 37% cotton, 3% anti-static fibre. Inherent flame protection. **WEIGHT** 230 g/m<sup>2</sup>. **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-4XL.



## CORE

SEE PAGE 9



540



### FLAMESTAT T-SHIRT 7073 TFLH

Article no 110736

Reflective detail on shoulders / Rib-knit neck / Worn together with EN ISO 11612 garments / Approved according to EN ISO 14116 Index 3 and EN 1149-5 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 60% modacrylic, 37% cotton, 3% anti-static fibre. Inherent flame protection. **WEIGHT** 230 g/m<sup>2</sup>. **COLOUR** 540 Dark Navy. **SIZE** XS-4XL.



## CORE

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Long-sleeved  
polo shirt  
see page 205



540



### FLAMESTAT LONG SLEEVE T-SHIRT 7072 TFLH

Article no 111842

Reflective detailing on shoulders / Rib-knit neck and cuffs / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 5,9 cal/cm<sup>2</sup> HAF: 78,9% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 and EN 1149-5 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 60% modacrylic, 37% cotton, 3% anti-static fibre. Inherent flame protection. **WEIGHT** 230 g/m<sup>2</sup>. **COLOUR** 540 Dark Navy. **SIZE** XS-4XL.



# Flamestat knitted tops

- Soft and comfortable materials
- Inherent flame protection
- Protection against electric arc – Open Arc Test and Box Test
- Protection against electrostatic discharge
- V-neck T-shirts of TFL material has higher protection against electric arc
- PRO labelled and tested for industrial laundry according to ISO 15797
- OEKO-TEX® certified
- Available in women's models

## TFL / TFLH / SFLH materials

Our T-shirts and sweatshirts are made of soft materials consisting of modacrylic, cotton and antistatic fibres. The materials feature inherent (built-in) flame protection, are antistatic and also protect against electric arc. The difference between TFL and TFLH is that TFL has higher protection against electric arc and protection against contact heat. The materials are tested for industrial laundry according to ISO 15797 and PRO labelled. They are also OEKO-TEX® certified.

NEW

ELECTRIC ARC  
ELIM 9,5 CAL/CM²



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### FLAMESTAT HIGH VIS LONG SLEEVE T-SHIRT CLASS 1 7107 TFL

Article no 133268

V-neck / Raglan sleeves / Rib-knit neck and cuffs / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ELIM: 9,5 cal/cm², EN ISO 11612 A1 A2 B1 C1 F1, EN 1149-5 and EN ISO 20471 class 1 / Approved after 25 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 54% modacrylic, 44% cotton, 2% anti-static fibre. **WEIGHT** 270 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-4XL.



FLAME PROTECTION

ELECTRIC ARC  
ELIM 9,5 CAL/CM²



SEE PAGE 248



ELECTRIC ARC  
ELIM 9,5 CAL/CM²



SEE PAGE 248



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### FLAMESTAT LONG SLEEVE T-SHIRT 7360 TFL

Article no 131149

V-neck / Raglan sleeves / Rib-knit neck and cuffs / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ELIM 9,5 cal/cm², EN ISO 11612 A1 A2 B1 C1 F1 and EN 1149-5 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 54% modacrylic, 44% cotton, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 270 g/m². **COLOUR** 556 Navy/Hi-Vis Yellow. **SIZE** XS-4XL.



### FLAMESTAT HIGH VIS LONG SLEEVE T-SHIRT CLASS 3 7359 TFL

Article no 131147

V-neck / Raglan sleeves / Rib-knit neck and cuffs / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ELIM 9,5 cal/cm², EN ISO 11612 A1 A2 B1 C1 F1, EN 1149-5 and EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-4XL / Approved after 25 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 54% modacrylic, 44% cotton, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 270 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-4XL.





# Functional Softshell Jacket

Windproof and water-repellent stretch jacket with high cotton comfort. A flexible metal-free garment in both men's and women's model for use all year round. The jacket has inherent flame protection and can also offer protection against electric arc, electrostatic discharge, welding and chemical splashes. The hood is sold separately and can easily be attached to the garment.

Also suitable for women's jacket 130238. See page 246.



## FLAMESTAT SOFTSHELL HOOD 4077 FSS

Article no 130239

Hood for use with 130238 or 127669 / Reflective detailing at top / Adjustable with drawstring / Metal free / Can be used over helmet / Certification only valid when worn together with soft shell jackets 130238 or 127669 / OEKO-TEX® certified.

**MATERIAL** 45% Modacrylic, 35% Cotton, 18% Polyamide, 2% Antistatic. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



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WINDPROOF  
WATER-  
REPELLENT  
HOOD CAN BE  
ATTACHED

**CORE**

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## FLAMESTAT SOFTSHELL JACKET CLASS 3 4016 FSS

Article no 127669

Windproof and water-repellent / Stretch quality / Front placket opening with zip to top of collar and concealed snap fastening / Collar with concealed snap fastening for attachable hood 130239 / 1 chest pockets with zip / Microphone holder on left front side / 2 front pockets with zip / Elasticated ribbon at sleeve end / Adjustable hem with drawstring / Metal free / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 ATPV: 28 cal/cm² HAF: 92,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN ISO 11611 A1 Class 2, EN 13034 Type PB [6], EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-3XL / OEKO-TEX® certified.

**MATERIAL** 47% modacryl, 37% cotton, 12% polyurethane, 2% polyamide, 1% anti-static fibre, 1% elastane. Inherent flame protection. **WEIGHT** 365 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



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## FLAMESTAT HIGH VIS FLEECE JACKET CLASS 3 4063 ATF

Article no 122233

Reflective detailing on shoulders / Front placket opening with zip to top of collar and concealed snap fastening / D-ring / Chest pocket with concealed zip / 2 front pockets / Drawstring at hem / Thumb grip / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 6,9 cal/cm² HAF: 86,8% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN ISO 20471 class 2 – sizes XS and class 3 – sizes S-3XL / OEKO-TEX® certified.

**MATERIAL** 50% modacrylic, 30% cotton, 18% polyester, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 370 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



Black fleece jacket  
see page 213.



540



## FLAMESTAT FLEECE JACKET 4073 ATF

Article no 109430

Reflective detailing on shoulders / Front placket opening with zip to top of collar and concealed snap fastening / Chest pocket with concealed zip and D-ring / 2 front pockets / Drawstring at hem / Reflective tape on sleeves / Thumb grip / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 6,9 cal/cm² HAF: 86,8% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1 and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 50% modacryl, 30% cotton, 18% polyester, 2% anti-static fibre. **WEIGHT** 370 g/m². **COLOUR** 540 Dark Navy. **SIZE** XS-3XL.



# Flamestat Winter

Multinorm garments with inherent flame protection lined with fleece and soft, silky quilt for extra great comfort. Our ATHS material provides high durability and is dirt-, oil- and water-repellent. The parka is also water- and windproof. Leasing-laundry tested according to ISO 15797 and approved after 25 washes.



LINED HOOD FOR WINTER JACKET

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Also suitable for women's jacket 129548. See page 249.



## FLAMESTAT WINTER HOOD 9185 ATHS

Article no 125064

Lined hood for use with 119923 and 129548 / Reflective detailing at top / Adjustable with drawstring / Metal free / Can be used over helmet / Certification only valid when worn together with winter jacket 119923 / Approved after 25 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre, dirt, oil and water repellent. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



WATER- AND WINDPROOF, BREATHABLE

**CORE**  
SEE PAGE 9



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## FLAMESTAT HIGH VIS AIRTECH® WINTER PARKA CLASS 3 4086 ATHR

Article no 109423

Breathable, wind and waterproof / Fleece-lined in body and silky and soft lining in sleeve / Reflective detailing on shoulders / Front placket opening with zip to top of collar and concealed snap fastening / Fleece-lined collar / Detachable lined hood with drawstring / Microphone holder / Concealed buttons and loop for sheath knife / 2 chest pockets with flaps and concealed snap fastening, 1 with D-ring and 1 with tool loops / 2 front pockets with pocket flaps with concealed snap fastening, both with fleece-lined hand-warmer pocket with side opening / Map pocket with inside mobile phone pocket / 2 inside pockets, 1 with button and 1 mobile phone pocket with velcro fastening and earpiece loop / Elastic inner cuff / Adjustable waist with drawstring / Zip in lining for easy embroidery and transfer / Waterpillar 10.000 mm / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 main fabric ATPV: 34 cal/cm² HAF: 92 % (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 A2 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6], EN ISO 20471 class 3, EN 342 and EN 343 class 3/1. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3. / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** Airtech® breathable, wind and waterproof material. Outer fabric 50% modacrylic, 41% cotton, 7% PU, 2% anti-static fibre 2-layer laminate, breathable, wind and waterproof. Taped seams. Fleece lining 50% modacrylic, 30% cotton, 18% polyester, 2% anti-static fibre. Silky quilted lining: 40% modacrylic, 37% viscose FR, 22% viscose, 1% anti-static fibre. Inherent flame protection. **WEIGHT** Outer fabric 260 g/m², fleece lining 370 g/m², silky quilted lining 260 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** 2XS-3XL.



HOOD  
125064 CAN  
BE ATTACHED

**CORE**  
SEE PAGE 9



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## FLAMESTAT HIGH VIS WINTER JACKET CLASS 3 4185 ATHS

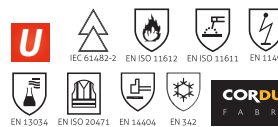
Article no 119923

Dirt, oil and water-repellent / Fully lined with fleece in body and silky and soft quilted lining in sleeve / Reflective detailing on shoulders / Front placket opening with zip to top of collar and concealed snap fastening / Fleece-lined collar with snap fastening for attachable hood, 125064 / 1 chest pocket with bellows pocket bag, inside D-ring, pen strap and concealed snap fastening / 1 chest pocket with zip fastening / Buttons and loop for sheath knife on left chest / Microphone holder on left front side / 2 fleece-lined front pockets with concealed snap fastening / Map pocket with inside mobile phone pocket accessible from outside / 2 inside pockets 1 with button and 1 mobile phone pocket with velcro fastening and earpiece loop / Elastic cuffs inside sleeves / Extended back / Adjustable drawstring at hem / Zip in lining for easy embroidery and transfer / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 main fabric EBT: 26,4 cal/cm² HAF: 93,2% (see Electric arc table for certified garment combinations for open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5, EN 13034 Type PB [6], EN ISO 20471 class 2 – size XS and class 3 – sizes S-3XL and EN 342 / Approved after 25 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre, dirt, oil and water repellent. Fleece lining 50% modacrylic, 30% cotton, 18% polyester, 2% anti-static fibre. Silky quilted lining 40% modacrylic, 37% viscose FR, 22% viscose, 1% anti-static fibre. Inherent flame protection. **WEIGHT** Outer fabric 300 g/m², fleece lining 370 g/m², silky quilted lining 260 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



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## FLAMESTAT HIGH VIS WINTER TROUSERS CLASS 2 2085 ATHS

Article no 109424

Dirt, oil and water-repellent / Fully lined with silky and soft quilted lining / Elastic detachable braces / Belt loops / D-ring / 2 front pockets with concealed zips / 2 back pockets / Hammer loop / Double reinforced crotch seam / CORDURA® reinforced folding rule pocket with tool pocket / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening and D-ring / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced thigh panel in contrast colour / Thigh pocket with flap and concealed snap fastening / Concealed zip up to knees / Snow gaiters / Adjustable, CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 class 2, EN 61482-1-1 main fabric EBT: 26,4 cal/cm² HAF: 93,2% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5, EN 13034 Type PB [6], EN ISO 20471 class 2 and EN 342 / Approved after 25 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** Outer fabric 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre, dirt, oil and water repellent. Reinforcement 79% FR cotton, 20% polyamide, 1% anti-static fibre. Silky quilted lining 40% modacrylic, 37% viscose FR, 22% viscose, 1% anti-static fibre. Inherent flame protection. **WEIGHT** Outer fabric 300 g/m², silky quilted lining 260 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.





# Protection for working with molten iron and aluminium

- Developed specially for work in foundries and work with molten iron and aluminium
- Soft and comfortable material that provides great freedom of movement
- Reinforced in exposed areas
- Special seams prevent metal splashes from sticking to the garments
- Inherent flame protection
- Highest protection against molten aluminium - D3
- Highest protection against molten iron - E3
- Approved for welding. Tested in layer-on-layer for class 2 welding
- Heat and flame protection
- Electric arc protection – tested to both Box Test and Open Arc Test
- Metal free
- Certified after 50 washes at 60°
- OEKO-TEX® certified



## MFA material

Despite its high protection against molten metal, our MFA material is a soft and comfortable material that provides great freedom of movement. The material is inherently flame retardant and is made of flame retardant viscose, wool, lyocell and polyamide. We have added polyamide to the material for stronger resistance to wear and tear. The MFA material has the highest degree of protection according to EN ISO 11612 – D3 for protection against splashes from molten aluminium and E3 for splashes of molten iron. It also has protection for electric arc and welding. The MFA material is certified after 50 washes at 60° och OEKO-TEX® certified.



556



### FLAMESTAT JACKET 4965 MFA

Article no 122286

Front placket opening with zip to top of collar and concealed snap fastening / 2 bellowed chest pockets with flap and concealed snap fastening, 1 with inside D-ring and pen strap, 1 with opening for radio-antenna at top / 2 front pockets with zip / Adjustable waist with drawstring / Inside mobile phone pocket / Inside pocket with button / Adjustable cuffs with snap fastening / Extended back / Visibility detailing at shoulders / Metal free / Reinforcement at front and back yoke and sleeve ends / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 8,0 cal/cm² HAF: 78,2%. EN ISO 11612 A1 A2 B1 C1 D3 E3 F1 / EN ISO 11611 A1 A2 class 1 (see Flame and welding table for certified garment combinations) / Approved after 50 washes / OEKO-TEX® certified.

**MATERIAL** 60% viscose FR, 20% wool, 10% lyocell, 10% polyamide. Reinforcement 55% viscose FR, 40% wool, 5% polyamide. Inherent flame protection. **WEIGHT** 350 g/m², reinforcement 465 g/m².

**COLOUR** 556 Navy/Hi-Vis Yellow. **SIZE** XS-3XL.



556



### FLAMESTAT TROUSERS 2165 MFA

Article no 122287

2 front pockets / 2 reinforced back pockets with flap and velcro fastening / Double reinforced crotch seam / Reinforced bellowed folding rule pocket with flap and concealed snap fastening, button and loop for sheath knife, pen pocket / Leg pocket with flap and concealed snap fastening / Knee pockets with inside opening for height-adjustable knee pads / Visibility details on sides of knees / Adjustable leg length with 5 cm hem allowance / Metal free / Reinforcement on front leg and leg end / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 8,0 cal/cm² HAF 78,2%. EN ISO 11612 A1 A2 B1 C1 D3 E3 F1, EN ISO 11611 A1 A2 class 1 (see Flame and welding table for certified garment combinations) and EN 14404 together with kneepads 124292 / Approved after 50 washes / OEKO-TEX® certified.

**MATERIAL** 60% viscose FR, 20% wool, 10% lyocell, 10% polyamide. Reinforcement 55% viscose FR, 40% wool, 5% polyamide. Inherent flame protection. **WEIGHT** 350 g/m², reinforcement 465 g/m².

**COLOUR** 556 Navy/Hi-Vis Yellow. **SIZE** C44-C62, D84-D120.



# Rainwear and waistcoat with flame protection

Our rainwear and waistcoat are made of flame-retardant treated materials and should be worn over protective garments certified according to EN 11612.

The waistcoat fabric is approved for electrostatic discharge EN 1149-5, but because of the short sleeves it must be worn over garments with similar certification.



130



## FLAME HIGH VIS RAIN JACKET CLASS 3 4845 RSHF

Article no 101038

Detachable drawstring hood / Buttons and zip / Pocket for communication radio / 2 front pockets, 1 with inside mobile phone pocket / Ventilation at back yoke / Adjustable cuffs / Reflective tape over shoulder / Worn over EN ISO 11612 garments / Approved according to EN ISO 14116 Index 1, EN 1149-5, EN ISO 20471 class 3 and EN 343 class 3/1.

**MATERIAL** 100% polyester FR PU-coated. **WEIGHT** 170 g/m². **COLOUR** 130 Hi-Vis Yellow. **SIZE** XS-3XL.



FLAME PROTECTION

FABRIC  
APPROVED FOR  
ELECTROSTATIC  
DISCHARGE



130



## FLAME HIGH VIS WAISTCOAT CLASS 3 5023 FHA

Article no 124295

Front zip / Chest pocket with velcro fastening / Worn over EN ISO 11612 garments / Approved according to EN ISO 14116 Index 1 and EN 20471 class 3, fabric is approved according to EN 1149-3 / OEKO-TEX® certified.

**MATERIAL** 98% polyester FR, 2% anti-static fibre. **WEIGHT** 120 g/m². **COLOUR** 130 Hi-Vis Yellow. **SIZE** 2XS/XS-2XL/3XL.



130



## FLAME HIGH VIS RAIN TROUSERS CLASS 2 2047 RSHF

Article no 101056

Adjustable waist / Adjustable legs / Adjustable elasticated braces / Worn over EN ISO 11612 garments / Approved according to EN ISO 14116 Index 1, EN 1149-5, EN ISO 20471 class 2 and EN 343 class 3/1.

**MATERIAL** 100% polyester FR PU-coated. **WEIGHT** 170 g/m². **COLOUR** 130 Hi-Vis Yellow. **SIZE** XS-3XL.





# Fristads Flame Collections

Front placket opening with zip to top of collar and concealed snap fastening

Strap for gas measurement tools, radios, transponders etc

2 chest pockets, one with inside D-ring

Inside pocket and mobile pocket

Adjustable cuffs

Front pockets

Extended back. Adjustable waist

CORDURA®-reinforced, loose-hanging front pockets with extra pockets

Double reinforced crotch seam

CORDURA®-reinforced folding rule pocket with pen pocket. Button and loop for sheath knife

Leg pocket with flap with phone pocket D-ring and ID-card pocket

CORDURA®-reinforced knee pockets

CORDURA®-reinforced leg ends

Front placket opening with zip to top of collar and concealed snap fastening

2 chest pockets. "Napoleon" pocket under right chest pocket. Concealed button and loop for sheath knife

Inside pocket with zip accessible from outside

Adjustable cuffs

Front pockets

Extended back. Adjustable waist

Loose-hanging front pockets with extra pockets

Folding rule pocket with tool pocket. Button and loop for sheath knife

Leg pocket with extra pocket and phone pocket

Knee pockets

**FLAME HIGH VIS JACKET CLASS 3 4584 FLAM**  
Art no 125938> Page 200

**FLAME HIGH VIS CRAFTSMAN TROUSERS CLASS 2 2584 FLAM**  
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**FLAME JACKET 4030 FLAM**  
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**FLAME CRAFTSMAN TROUSERS 2030 FLAM**  
Art no 100329> Page 204

# Flame

## High visibility, industry and welding collections

Our Flame collection can offer a complete range of garments in flame-retardant treated material. The garments are certified according to European norms to fit a broad target group and many professions with different safety requirements. All garments are OEKO-TEX® certified at garment level, which means that the entire garment is free from harmful chemicals and does not pose a health risk.

- High cotton comfort
- Multinorm
- Comfortable and durable
- Broad target group
- Garments for all seasons
- Large size range
- Women's collection
- Electric arc protection tested to both Box Test and Open Arc Test
- Tested for electric arc layer-on-layer protection
- Heat and flame protection. Tested layer-on-layer for increased protection
- Most garments are approved for welding
- Tested layer-on-layer for class 2 welding
- Antistatic – electrostatic discharge protection
- Knee pockets are certified together with our kneepads 124292
- Most garments have reinforcements and knee pockets in CORDURA® or aramid
- Leasing-laundry approved according to ISO 15797 and PRO labelled
- The garments are certified after 25-50 washes
- OEKO-TEX® certified

## Flam material

Our Flam fabric is a comfortable and durable material made of 75% cotton and 25% polyester. The high proportion of cotton provides easy comfort next to the body and the polyester makes the garments very durable. The material is flame-retardant treated and antistatic, and protects against electric arc and welding. Flam material is leasing-laundry tested according to ISO 15797 and PRO labelled. The garments are certified after 50 washes at 75°. The Flam material is OEKO-TEX® certified.

**WEIGHT:** 365 g/m<sup>2</sup> **LOI:** 28%  
**ATPV:** 10.6 cal/cm<sup>2</sup> **HAF:** 80.4%

**CORE**

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### FLAME HIGH VIS CRAFTSMAN TROUSERS CLASS 1 2586 FLAM

Article no 125941

2 CORDURA® reinforced, loose-hanging front pockets, 1 with 3 pockets and tool loops and 1 with extra pocket / 2 front pockets / 2 CORDURA® reinforced back pockets, 1 with flap and concealed snap fastening / Double reinforced crotch seam / Hammer loop / CORDURA® reinforced folding rule pocket with pen pocket and button and loop for sheath knife / Leg pocket with flap and and concealed snap fastening, mobile phone pocket with flap and velcro fastening and D-ring / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg end / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 10,6 cal/cm<sup>2</sup> HAF: 80,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN ISO 20471 class 1 and EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 365 g/m<sup>2</sup>. **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C44-C64, C146-C158, D84-D120.



**CORE**

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### FLAME HIGH VIS CRAFTSMAN TROUSERS CLASS 2 2584 FLAM

Article no 125939

2 CORDURA® reinforced, loose-hanging front pockets, 1 with 3 pockets and tool loops and 1 with extra pocket / 2 front pockets / 2 CORDURA® reinforced back pockets, 1 with flap and concealed snap fastening / Double reinforced crotch seam / Hammer loop / CORDURA® reinforced folding rule pocket with pen pocket and button and loop for sheath knife / Leg pocket with flap and and concealed snap fastening, mobile phone pocket with flap and velcro fastening and D-ring / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg end / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 10,6 cal/cm<sup>2</sup> HAF: 80,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN ISO 20471 class 2 and EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 365 g/m<sup>2</sup>. **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C44-C64, C146-C158, D84-D120.





# Flame High-Visibility Welding

Fristads Flame welding collection was created to meet the high demands of welders, rail-workers, miners and foundry workers. The design prevents sparks and metal splashes from getting stuck in the garment and the aramide reinforcements offer extra protection.

## Increase your protection

- Attain the highest class 2 welding protection
- Increase the protection against radiant heat, contact heat and molten iron splashes

All these garments have been part of Fristads layer-on-layer test for welding (EN ISO 11611) and heat and flame (EN ISO 11612). The key to achieving a higher level of protection is to use our underwear in MOF fabric underneath your ordinary welding protective clothing. Read more on page 177. See our table with certified garment combinations at [fristads.com](http://fristads.com).

SPECIALLY  
DESIGNED FOR  
WELDING



540



### FLAME WELDING COAT 3587 FLAM

Article no 125953

Velcro fastening at back neck / Ribbon fastening at back / Aramide reinforced front and sleeves / Elasticated sleeve end / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV 10,6 cal/cm<sup>2</sup> HAF 80,4%, EN ISO 11612 A1 B1 C1 E2, F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations for EN 11612 C2, E3, F2 and EN 11611 A1 class 2) and EN 1149-5 (Should be worn together with garments with the same certifications) / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Reinforcement: 74% cotton, 25% para-aramid, 1% anti-static fibre. **WEIGHT** 365 g/m<sup>2</sup>, reinforcement 340 g/m<sup>2</sup>. **COLOUR** 540 Dark Navy. **SIZE** XS-4XL.



## CORE

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### FLAME HIGH VIS JACKET CLASS 3 4584 FLAM

Article no 125938

Front placket opening with zip to top of collar and concealed snap fastening / 2 bellowed chest pockets with flap and concealed snap fastening, 1 with inside D-ring / 2 front pockets with concealed snap fastening / Inside pocket with button fastening and mobile phone pocket with flap and velcro fastening / Adjustable waist with button / Adjustable cuffs with snap fastening / Extended back / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV 10,6 cal/cm<sup>2</sup> HAF 80,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5 and EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-3XL / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. **WEIGHT** 365 g/m<sup>2</sup>. **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



## CORE

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### FLAME HIGH VIS TROUSERS CLASS 2 2585 FLAM

Article no 125940

2 front pockets / 2 CORDURA®-reinforced back pockets with flap and concealed snap fastening / Double reinforced crotch seam / Hammer loop / CORDURA®-reinforced folding rule pocket with flap and concealed snap fastening and button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening and D-ring / Aramide-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Aramide-reinforced thigh panels / CORDURA®-reinforced leg end / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 10,6 cal/cm<sup>2</sup> HAF: 80,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations for EN 11612 C2, E3, F2 and EN 11611 A1 class 2), EN 1149-5, EN ISO 20471 class 2 and EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Reinforcement: 74% cotton, 25% para-aramid, 1% anti-static fibre. CORDURA® reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 365 g/m<sup>2</sup>. Reinforcement 340 g/m<sup>2</sup>. **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C44-C64, C146-C158, D84-D120.





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### FLAME HIGH VIS BIB'N'BRACE CLASS 2 1584 FLAM

Article no 126510

Front placket opening with two-way, full-length front zip and concealed snap fastening / 2 CORDURA® reinforced chest pockets with flap and concealed snap fastening, 1 with D-ring / 2 front pockets / Double reinforced crotch seam / 2 CORDURA® reinforced back pockets with flap and concealed snap fastening / Hammer loop / CORDURA® reinforced folding rule pocket with flap and concealed snap fastening, pen pocket and button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening / Aramide-reinforced thigh panels / Aramide-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg ends / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 10,6 cal/cm² HAF: 80,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations for EN 11612 C2, E3, F2 and EN 11611 A1 class 2), EN 1149-5, EN ISO 20471 class 2 and EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Reinforcement: 74% cotton, 25% para-aramid, 1% anti-static fibre. CORDURA® reinforcement: 79% cotton FR, 20% polyamide, 1% antistatic fibre.

**WEIGHT** 365 g/m², reinforcement 340 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C44-C64, C146-C158, D84-D120.



### CORE

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### FLAME HIGH VIS TROUSERS CLASS 1 2587 FLAM

Article no 125942

2 front pockets / 2 CORDURA®-reinforced back pockets with flap and concealed snap fastening / Double reinforced crotch seam / Hammer loop / CORDURA®-reinforced folding rule pocket with flap and concealed snap fastening and button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening and D-ring / Aramide-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Aramide-reinforced thigh panels / CORDURA®-reinforced leg end / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 10,6 cal/cm² HAF: 80,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations for EN 11612 C2, E3, F2 and EN 11611 A1 class 2), EN 1149-5, EN ISO 20471 class 1 and EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Reinforcement: 74% cotton, 25% para-aramid, 1% anti-static fibre. CORDURA® reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre.

**WEIGHT** 365 g/m². Reinforcement 340 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C44-C64, C146-C158, D84-D120.



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### FLAME HIGH VIS BIB'N'BRACE CLASS 2 1585 FLAM

Article no 125943

Elasticated braces / Bib pocket with flap and concealed snap fastening / Inside bib pocket with zip / 2 front pockets / Adjustable waist with buttons / Zip fly / Double reinforced crotch seam / 2 CORDURA® reinforced back pockets with flap and concealed snap fastening / CORDURA® reinforced folding rule pocket with flap and concealed snap fastening and button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening and D-ring / Hammer loop / Aramide-reinforced thigh panels / Aramide-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg ends / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 10,6 cal/cm² HAF: 80,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations for EN 11612 C2, E3, F2 and EN 11611 A1 class 2), EN 1149-5, EN ISO 20471 class 2 and EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Reinforcement: 74% cotton, 25% para-aramid, 1% anti-static fibre. CORDURA® reinforcement: 79% cotton FR, 20% polyamide, 1% antistatic fibre.

**WEIGHT** 365 g/m², reinforcement 340 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C44-C64, C146-C158, D84-D120.



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### FLAME HIGH VIS COVERALL CLASS 3 8084 FLAM

Article no 125949

Front placket opening with 2-way zip to top of collar and concealed snap fastening / 2 bellowed chest pockets with flap and concealed snap fastening, 1 with inside D-ring / Inside pocket with button fastening and mobile phone pocket with flap and velcro fastening / Adjustable waist with elasticated band and button / Adjustable cuffs with snap fastening / Double reinforced crotch seam / 2 front pockets / 2 CORDURA® reinforced back pockets with flap and concealed snap fastening / CORDURA® reinforced folding rule pocket with flap and concealed snap fastening and button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening and D-ring / Hammer loop / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg ends / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 10,6 cal/cm² HAF: 80,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5, EN ISO 20471 class 3 and EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. **WEIGHT** 365 g/m².

**COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** S-XL.





# Flame High-Visibility Winter Welding

Our Flame winter garments are made of our high-visibility Flam fabric and has quilted lining. All garments are approved for welding. Leasing-laundry tested and approved after 25 washes.

LINED HOOD  
FOR JACKET,  
PARKA  
AND COVERALL



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## FLAME WINTER HOOD 9588 FLAM

Article no 125946

Lined hood for use with 125944, 125947 and 125948 / Reflective detailing at top / Adjustable with strap and drawstring / Can be used over helmet / Certification only valid when worn together with 125944, 125947 and 125948 / Approved after 25 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Lining 100% polyester.

**WEIGHT** Outer fabric 365 g/m², lining 252 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



HOOD CAN BE  
ATTACHED

**CORE**

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## FLAME HIGH VIS WINTER JACKET CLASS 3 4588 FLAM

Article no 125944

Fully lined / Front placket opening with zip to top of collar and concealed snap fastening / Concealed buttons in collar for attachment of hood 125946 / 2 bellowed chest pockets with flap and concealed snap fastening, 1 with inside D-ring / 2 front pockets with concealed snap fastening / Inside pocket with button fastening and mobile phone pocket with flap and velcro fastening / Adjustable waist with button / Adjustable sleeve end with snap fastening / Rib-knitted cuff / Extended back / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 ATPV: 56 cal/cm² HAF: 93,8% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5, EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-3XL and EN 342 / Approved after 25 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Lining 100% polyester.

**WEIGHT** Outer fabric 365 g/m², lining 315 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



DETACHABLE  
BRACES



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## FLAME HIGH VIS WINTER TROUSERS CLASS 2 2588 FLAM

Article no 125945

Fully lined / Elastic detachable braces / Belt loops / 2 front pockets with flap, snap fastening and zip / 2 CORDURA® reinforced back pockets with flap and snap fastening / Hammer loop / Double reinforced crotch seam / CORDURA® reinforced folding rule pocket with flap and snap fastening, button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced thigh panel in contrast colour / Concealed zip up to knees / Snow gaiters / Adjustable, CORDURA® reinforced leg ends / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 ATPV: 56 cal/cm² HAF: 93,8% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations for EN 11612 C2, E3, F2 and EN 11611 A1 class 2), EN 1149-5, EN ISO 20471 class 2, EN 342 and EN14404 together with kneepads 124292 / Approved after 25 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Lining 100% polyester. Reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** Outer fabric 365 g/m², lining 315 g/m².

**COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



HOOD CAN BE  
ATTACHED



171



## FLAME HIGH VIS WINTER PARKA CLASS 3 4589 FLAM

Article no 125947

Fully lined / Front placket opening with zip to top of collar and concealed snap fastening / Concealed buttons in collar for attachment of hood 125946 / 2 bellowed chest pockets with flap and concealed snap fastening, 1 with inside D-ring / Microphone holder on left front side / 2 front pockets with concealed snap fastening / Inside pocket with button fastening and mobile phone pocket with flap and velcro fastening / Adjustable waist with drawstring / Adjustable sleeve end with snap fastening / Rib-knitted cuff / Extended back / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 ATPV: 56 cal/cm² HAF: 93,8% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations for EN 11612 C2, E3, F2 and EN 11611 A1 class 2), EN 1149-5, EN ISO 20471 class 3 and EN 342 / Approved after 25 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Lining 100% polyester.

**WEIGHT** Outer fabric 365 g/m², lining 315 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



# Flame All-Weather Shell Garments

The Flame shell jacket and trousers provide Multinorm protection, class 2 arc rating and great comfort for work all year round. The soft FLR fabric with cotton feeling has a membrane and is waterproof and windproof as well as breathable. Certified after 20 washes at 60°.



WATER- AND  
WINDPROOF,  
BREATHABLE  
CLASS 2 ARC  
PROTECTION



171



## FLAME HIGH VIS AIRTECH® SHELL JACKET CLASS 3 4022 FLR

Article no 129869

Breathable windproof and waterproof / Fleece lined collar / Detachable hood with drawstring / Front placket opening with 2-way zip to top of collar and concealed snap fastening / 2 bellowed chest pockets with flap and concealed snap fastening, 1 with inside D-ring and ID-card holder / Microphone holder on left front side / Inside map pocket with zip and mobile phone pocket with velcro fastening / 2 front pockets with snap fastening and fleece lining / Adjustable cuffs with velcro fastening / Zip in lining to make embroidery and transfer easier / Adjustable bottom with drawstring / Extended back / Metal free / Waterpillar 10.000 mm / Breathability RET 7,6 / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 ELIM: 27 cal/cm² (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2), EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 343 class 3/2, EN 13034 Type PB (6) and EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-4XL / OEKO-TEX® certified.

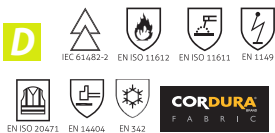
**MATERIAL** 50% cotton, 45% polyester, 4% polyurethane, 1% antistatic fibre. Lining 100% cotton.  
**WEIGHT** Outer fabric 275 g/m², lining 185 g/m². **COLOUR** 540 Dark Navy. **SIZE** XS-4XL.



HOOD CAN BE  
ATTACHED



171



## FLAME HIGH VIS WINTER COVERALL CLASS 3 8088 FLAM

Article no 125948

Fully lined / Front placket opening with 2-way zip to top of collar and concealed snap fastening / 2 bellowed chest pockets with flap and concealed snap fastening, one with inside D-ring / Microphone holder on left front side / Inside pocket with button fastening and mobile phone pocket with flap and velcro fastening / Adjustable waist with drawstring / Adjustable sleeve end with snap fastening / Rib-knitted cuff / Front pockets with flap, snap fastening and zip / 2 CORDURA® reinforced back pockets with flap and snap fastening / Hammer loop / Double reinforced crotch seam / CORDURA® reinforced folding rule pocket with flap and snap fastening, button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Concealed zip up to knees / Snow gaiters / Adjustable, CORDURA® reinforced leg ends / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 ATPV: 56 cal/cm² HAF: 93,8% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5, EN ISO 20471 class 3, EN 342 and EN14404 together with kneepads 124292 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

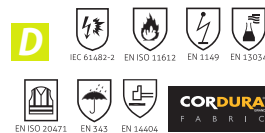
**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Lining 100% polyester.  
**WEIGHT** Outer fabric 365 g/m², lining 315 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** S-3XL.



WATER- AND  
WINDPROOF,  
BREATHABLE  
CLASS 2 ARC  
PROTECTION



171



## FLAME HIGH VIS AIRTECH® SHELL TROUSERS CLASS 2 2152 FLR

Article no 129870

Breathable, windproof and waterproof / Elastic detachable braces / Belt loops / 2 front pockets with flap, snap fastening and zip / Double reinforced crotch seam / 2 CORDURA® reinforced back pockets with flap and snap fastening / Hammer loop / 1 CORDURA® reinforced folding rule pocket with flap and snap fastening, button and loop for sheath knife / 1 leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Concealed zip up to knees / Snow gaiters / Adjustable, CORDURA® reinforced leg ends / Metal free / Waterpillar 10.000 mm / Breathability RET 7,6 / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 class 2, EN 61482-1-1 ELIM: 27 cal/cm² (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2), EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 343 class 3/2, EN 13034 Type PB (6) and EN ISO 20471 class 2 / OEKO-TEX® certified.

**MATERIAL** 50% cotton, 45% polyester, 4% polyurethane, 1% antistatic fibre. Lining 100% cotton.  
**WEIGHT** Outer fabric 275 g/m², lining 185 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-4XL.





# Flame

A comfortable collection with enhanced visibility and a high level of protection. Made of Flame material, a durable, flame-retardant treated material with high cotton comfort. The collection includes garments approved for welding as well as winter garments.

- Flame material – comfortable and durable
- High cotton comfort
- Yellow details for increased visibility
- Welding garments – see next spread
- Winter jackets – see next spread
- Electric arc protection tested to both Box Test and Open Arc Test
- Tested for electric arc layer-on-layer protection
- Heat and flame protection. Tested layer-on-layer for increased protection
- Antistatic – electrostatic discharge protection
- Knee pockets are certified together with our kneepads 124292
- Flame-retardant treated
- ATS shirt and knitted tops with inherent flame protection
- Leasing-laundry tested according to ISO 15797 and PRO labelled. Certified after 50 washes at 85°
- OEKO-TEX® certified



## FLAME JACKET 4030 FLAM

Article no 100333

Front placket opening with zip to top of collar and concealed snap fastening / 2 chest pockets, 1 with flap and concealed snap fastening and 1 with extra pocket and pen pocket / Napoleon pocket under right chest pocket / Inside pocket with zip accessible from outside / Concealed button and loop for sheath knife / 2 front pockets / Inside phone pocket with velcro fastening and loop for earpiece / Adjustable cuffs with velcro fastener / Adjustable waist with buttons / Extended back / Approved according to EN 61482-1-2 class 1, 61482-1-1 ATPV: 10,6 cal/cm² (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and for open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1 (see Flame and welding table for certified garment combinations), and EN 1149-5 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton FR, 24% polyester, 1% anti-static fibre. **WEIGHT** 365 g/m². **COLOUR** 540 Dark Navy. **SIZE** XS-2XL



SEE PAGE 251



## FLAME BIB'N'BRACE 0030 FLAM

Article no 100328

Front placket opening with two-way, full-length front zip and concealed snap fastening / 2 loose-hanging chest pockets with snap fastening, 1 with flap and concealed snap fastening and 1 with extra pocket and pen pocket / Concealed button and loop for sheath knife / Elasticated braces / 2 tuckable, reinforced, loose-hanging pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 front pockets / 2 reinforced back pockets / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening, loop for ID card holder / Hammer loop / Reinforced folding rule pocket with pen pocket and button and loop for sheath knife / Pre-shaped knees / Knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 61482-1-2 class 1, 61482-1-1 ATPV: 10,6 cal/cm² (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and for open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1 (see Flame and welding table for certified garment combinations), EN 1149-5 and EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton FR, 24% polyester, 1% anti-static fibre. **WEIGHT** 365 g/m². **COLOUR** 540 Dark Navy. **SIZE** C46-C62.



2 reinforced, loose-hanging front pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 front pockets / 2 reinforced back pockets / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening, loop for ID card holder / Hammer loop / Reinforced folding rule pocket with pen pocket and button and loop for sheath knife / Pre-shaped knees / Knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 61482-1-2 class 1, 61482-1-1 ATPV: 10,6 cal/cm² (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and for open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1 (see Flame and welding table for certified garment combinations), EN 1149-5 and EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton FR, 24% polyester, 1% anti-static fibre. **WEIGHT** 365 g/m². **COLOUR** 540 Dark Navy. **SIZE** C44-C62, C146-C156, D92-D116.



**CORE**

SEE PAGE 9



540

**PRO****FLAMESTAT SWEATSHIRT 984 SFLA**

Article no 100581

Elasticated band at neck, wrists and hem / Chest pocket with flap / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 13 cal/cm<sup>2</sup> ELIM: 12 cal/cm<sup>2</sup> (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C2 and EN 1149-5 / Leasing-laundry tested according to ISO 15797.

**MATERIAL** 60% modacrylic, 38% cotton, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 390 g/m<sup>2</sup>. **COLOUR** 540 Dark Navy. **SIZE** XS-3XL.

**CORE**

SEE PAGE 9



540

**PRO****FLAMESTAT LONG SLEEVE POLO SHIRT 784 PFLA**

Article no 100472

3-button placket / Chest pocket / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 6,2 cal/cm<sup>2</sup> ELIM: 4,4 cal/cm<sup>2</sup> (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 and EN 1149-5 / Leasing laundry-tested according to ISO 15797.

**MATERIAL** 60% modacrylic, 38% cotton, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 255 g/m<sup>2</sup>. **COLOUR** 540 Dark Navy. **SIZE** XS-3XL.



FLAME PROTECTION



# Flame Welding

Specially designed to provide optimum protection and comfort for welders.

- Flame material – comfortable and durable
- High cotton comfort
- Yellow details for increased visibility
- Approved for welding
- Tested layer-on-layer for class 2 welding
- Electric arc protection tested to both Box Test and Open Arc Test
- Tested for electric arc layer-on-layer protection
- Heat and flame protection
- Antistatic – electrostatic discharge protection
- Knee pockets are certified together with our kneepads 124292
- Flame-retardant treated
- Leasing-laundry tested according to ISO 15797 and PRO labelled. Certified after 50 washes at 85°C. Winter garments certified after 25 washes at 60°
- OEKO-TEX® certified

**CORE**

SEE PAGE 9



## FLAME WELDING JACKET 4031 FLAM

Article no 100334

Front placket opening with zip to top of collar and concealed snap fastening / 2 chest pockets with flaps and concealed snap fastening / Inside pocket with button and mobile pocket with velcro fastening and loop for earpiece / 2 front pockets with flap and concealed snap fastening / Adjustable cuffs with velcro fastener / Adjustable waist with buttons / Extended back / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 10,6 cal/cm² (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and for open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations) and EN 1149-5 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified

**MATERIAL** 75% cotton FR, 24% polyester, 1% anti-static fibre. **WEIGHT** 365 g/m². **COLOUR** 540 Dark Navy. **SIZE** XS-2XL



## LEATHER APRON 9330 LTHR

Article no 100867

With bib / Nylon waist and neck straps / Length 87 cm, waist width 56 cm.

**MATERIAL** 100% heavy duty split leather. **COLOUR** 240 Brown. **SIZE** One size.

**CORE**

SEE PAGE 9



## FLAME WELDING TROUSERS 2031 FLAM

Article no 100330

2 front pockets / 2 reinforced back pockets with flaps and concealed snap fastening / Hammer loop / Leg pocket with flap and and concealed snap fastening, phone pocket with flap and velcro fastening, loop for ID card holder / Reinforced folding rule pocket with flap and concealed snap fastening, pen pocket and button and loop for sheath knife / Pre-shaped knees / Knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 10,6 cal/cm² (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and for open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5 and EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton FR, 24% polyester, 1% anti-static fibre. **WEIGHT** 365 g/m². **COLOUR** 540 Dark Navy. **SIZE** C44-C62, C146-C156, D92-D116.



DIRT, OIL  
AND WATER-  
REPELLENT



540



### FLAME WINTER JACKET 4032 FLI

Article no 100342

Dirt, oil and water-repellent / Fully lined / Front placket opening with zip to top of collar and concealed snap fastening / 2 chest pockets with flaps and concealed snap fastening / 2 inside pockets with button, right with mobile pocket with velcro fastening and loop for earpiece / 2 front pockets with flap and concealed snap fastening / Elasticated inner cuff / Adjustable waist with buttons / Extended back / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 ATPV: 56 cal/cm<sup>2</sup> (see Electric arc table for certified garment combinations for open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1 and EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5 and EN 342 / OEKO-TEX® certified.

**MATERIAL** 75% cotton FR, 24% polyester dirt, oil and water-repellent, 1% anti-static fibre. Quilted lining: 50% cotton FR, 50% polyester FR. **WEIGHT** Outer fabric 320 g/m<sup>2</sup>, lining 315 g/m<sup>2</sup>. **COLOUR** 540 Dark Navy. **SIZE** 2XS-2XL.



DIRT, OIL  
AND WATER-  
REPELLENT



540



### FLAME WINTER PARKA 4033 FLI

Article no 100343

Dirt, oil and water-repellent / Fully lined / Detachable lined hood with drawstring / Front placket opening with zip to top of collar and concealed snap fastening / 2 chest pockets with flaps and concealed snap fastening, left with tool loops / 2 inside pockets with button, right with mobile pocket with velcro fastening and loop for earpiece / 2 front pockets with flap and concealed snap fastening / Elasticated inner cuff / Adjustable waist with inside drawstring / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 ATPV: 56 cal/cm<sup>2</sup>, EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 B1 C1 and EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5 and EN 342 / OEKO-TEX® certified.

**MATERIAL** 75% cotton FR, 24% polyester dirt, oil and water-repellent, 1% anti-static fibre. Quilted lining: 50% cotton FR, 50% polyester FR. **WEIGHT** Outer fabric 320 g/m<sup>2</sup>, Lining 315 g/m<sup>2</sup>. **COLOUR** 540 Dark Navy. **SIZE** S-2XL.



### CORE

SEE PAGE 9



540



### FLAME WELDING COVERALL 8030 FLAM

Article no 100338

Front placket opening with two-way, full-length front zip and concealed snap fastening / 2 chest pockets with flap and concealed snap fastening, left with tool loops / Inside pocket with button and mobile pocket with velcro fastening and loop for earpiece / Covered side opening to inside / Adjustable cuffs with velcro fastener / Adjustable waist / 2 front pockets / 2 reinforced back pockets with flap and concealed snap fastening / Hammer loop / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening, loop for ID card holder / Reinforced folding rule pocket with flap and concealed snap fastening, pen pocket and button and loop for sheath knife / Pre-shaped knees / Knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 10,6 cal/cm<sup>2</sup> (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and for open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5 and EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton FR, 24% polyester, 1% anti-static fibre. **WEIGHT** 365 g/m<sup>2</sup>. **COLOUR** 540 Dark Navy. **SIZE** Regular: S-2XL.



### CORE

SEE PAGE 9



540



### FLAMESTAT SHIRT 7200 ATS

Article no 114095

Front placket opening with concealed snap fastening / Cuffs with concealed snap fastenings / Extended back / 2 chest pockets with flap and concealed snap fastenings / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 9,9 cal/cm<sup>2</sup> HAF: 78,0% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 A2 B1 C1 F1, EN ISO 11611 A1 A2 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5 and EN 13034 type PB [6] / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 54% modacrylic, 44% cotton, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m<sup>2</sup>. **COLOUR** 540 Dark Navy. **SIZE** XS-4XL.





# Flame Class 2 Welding

- Optimal comfort during exposure to welding, heat and molten iron
- Extreme tear-, tensile- and abrasion strength for heavy duties
- Perfect for welders, foundry workers and workers within maintenance and mining
- High cotton comfort
- Multinorm
- Yellow details for increased visibility
- Approved for welding class 2
- Heat and flame protection.
- Electric arc protection – tested to both Box Test and Open Arc Test.
- Antistatic – Electrostatic discharge protection
- Chemical splash protection
- Knee pockets are certified together with our kneepads 124292
- Flame retardant and antistatic CORDURA® reinforcements
- Aramide-reinforced knee pockets
- Flame-retardant treated
- Leasing-laundry tested according to ISO 15797 and PRO labelled. Certified after 50 washes at 75°.
- OEKO-TEX® certified

## WEL material

Our fabric WEL provides outstanding molten metal and spark protection. Due to a smooth surface, molten metal splashes and sparks run right off. The fabric is flame-retardant treated and made of cotton, polyester and antistatic fibre, a satin weave which feels very soft and comfortable thanks to the high amount of cotton. The tear and tensile strength and abrasion resistance have very good performance and the material retains its strength even after extensive industrial laundering.

The WEL material has multinorm protection and protects against electric arc, welding and chemical splashes, and it is antistatic. The material is tested for industrial laundry according to ISO 15797 and is PRO labelled. The garments are certified after 50 washes at 75°. The WEL material is OEKO-TEX® certified.

**WEIGHT:** 450 g/m<sup>2</sup>

**ATPV:** 19.6 cal/cm<sup>2</sup> **ELIM:** 13.6 cal/cm<sup>2</sup>



556



### FLAME WELDING JACKET 4077 WEL

Article no 131168

Front placket opening with zip to top of collar and concealed snap fastening / 2 chest pockets with flaps and concealed snap fastening, 1 with inside D-ring / Inside pocket with button and mobile pocket with velcro fastening / 2 front pockets with flap and concealed snap fastening / Adjustable cuffs with snap fastening / Adjustable waist with buttons / Extended back / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 19 cal/cm<sup>2</sup> ELIM: 13 cal/cm<sup>2</sup>, EN ISO 11612 A1 A2 B1 C1 E3 F1, EN ISO 11611 A1, A2 class 2, EN 1149-5, EN 13034 Type PB (6) / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 79% cotton, 20% polyester, 1% anti-static fibre. **WEIGHT** 450 g/m<sup>2</sup>.

**COLOUR** 556 Navy/Hi-Vis Yellow. **SIZE** XS-4XL.



556



### FLAME WELDING TROUSERS 2656 WEL

Article no 131167

2 front pockets / Double reinforced crotch seam / Hammer loop / 2 CORDURA® reinforced bellowed back pockets with flap and concealed snap fastening / CORDURA® reinforced folding rule pocket with flap and snap fastening, pen pocket and button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening / Aramide reinforced knee pockets with outside opening with velcro fastening / Height adjustment for knee pads in knee pocket / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 19 cal/cm<sup>2</sup> ELIM: 13 cal/cm<sup>2</sup>, EN ISO 11612 A1 A2 B1 C1 E3 F1, EN ISO 11611 A1, A2 class 2, EN 1149-5, EN 13034 Type PB (6), EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 79% cotton, 20% polyester, 1% anti-static fibre. Reinforcement: 98% aramid fibre, 2% anti-static fibre. **WEIGHT** 450 g/m<sup>2</sup>, reinforcement 545 g/m<sup>2</sup>. **COLOUR** 556 Navy/Hi-Vis Yellow. **SIZE** C44-C66.





556



940



### FLAME WELDING BIB'N'BRACE 1029 WEL

Article no 131165

Front placket opening with two-way, full-length front zip and concealed snap fastening / 2 CORDURA® reinforced chest pockets with flap and concealed snap fastening, 1 with D-ring / 2 front pockets / Double reinforced crotch seam / 2 CORDURA® reinforced back pockets with flap and concealed snap fastening / Hammer loop / CORDURA® reinforced folding rule pocket with flap and concealed snap fastening, pen pocket and button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening / Aramide reinforced knee pockets with outside opening with velcro fastening / Height adjustment for knee pads in knee pocket / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 19 cal/cm² ELIM: 13 cal/cm², EN ISO 11612 A1 A2 B1 C1 E3 F1, EN ISO 11611 A1, A2 class 2, EN 1149-5, EN 13034 Type PB (6), EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 79% cotton, 20% polyester, 1% anti-static fibre. Reinforcement: 98% aramid fibre, 2% anti-static fibre. **WEIGHT** 450 g/m², reinforcement 545 g/m². **COLOUR** 556 Navy/Hi-Vis Yellow. **SIZE** C44-C66.



### FLAME WELDING SLEEVE COVER 9207 KEVS

Article no 131169

Flame retardant / Adjustable strap for fastening around arm / Elasticated cuffs / Approved according to EN ISO 11612 A1 B1 C1 E3 F1, EN ISO 11611 Class 1 A1 and EN 1149-5.

**MATERIAL** 79% cotton, 20% polyester, 1% anti-static fibre. Reinforcement 98% aramid fibre, 2% anti-static fibre. **WEIGHT** 450 g/m², reinforcement 545 g/m². **COLOUR** 940 Black. **SIZE** One size.



556



### FLAME WELDING COVERALL 8044 WEL

Article no 131166

Front placket opening with two-way zip to top of collar and concealed snap fastening / 2 bellowed chest pockets with flap and concealed snap fastening, 1 with inside D-ring / Inside pocket with button fastening and mobile phone pocket with flap and velcro fastening / Adjustable waist with elasticated band and button / Adjustable cuffs with snap fastening / Double reinforced crotch seam / 2 front pockets / 2 CORDURA® reinforced back pockets with flap and concealed snap fastening / CORDURA® reinforced folding rule pocket with flap and concealed snap fastening and button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening, D-ring / Hammer loop / Aramide reinforced knee pockets with outside opening with velcro fastening / Height adjustment for knee pads in knee pocket / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 19 cal/cm² ELIM: 13 cal/cm², EN ISO 11612 A1 A2 B1 C1 E3 F1, EN ISO 11611 A1, A2 class 2, EN 1149-5, EN 13034 Type PB (6), EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 79% cotton, 20% polyester, 1% anti-static fibre. Reinforcement: 98% aramid fibre, 2% anti-static fibre. **WEIGHT** 450 g/m², reinforcement 545 g/m². **COLOUR** 556 Navy/Hi-Vis Yellow. **SIZE** XS-4XL.





# Increase the safety – dress layer on layer

You can extend the period during which you are protected if you wear flame-retardant underwear underneath your regular flame-retardant clothes. Fristads has conducted different layer-on-layer tests and then certified a large number of clothing combinations that include our MOF underwear. By wearing this underwear under your regular flame-retardant clothes you can achieve the following:

- Increased electric arc protection
- The highest welding class 2 protection
- Increased protection against radiant heat, contact heat and molten iron splashes

Read more about our layer-on-layer tests on pages 176-177 and see the tables of certified garment combinations at [fristads.com](http://fristads.com).



940



## FLAMESTAT BRA 7036 MOF

Article no 121643

Racer back / Double layer of fabric at front / Elastic rib at bottom / Approved according to EN ISO 14116 Index 3 (fabric is approved according to EN ISO 11612 A1 B1 C1 F1 and EN 61482-1-2 class 1) and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** S-2XL.



940



## FLAMESTAT BRA 7105 MOF

Article no 131145

Adjustable straps / Double layer of fabric at front / Padded / 3 rows x 4 way hook and eye closure / Elastic rib at bottom / Approved according to EN ISO 14116 Index 3 (fabric is approved according to EN ISO 11612 A1 B1 C1 F1 and EN 61482-1-2 class 1) and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** 75 A-C, 80 A-C, 85 B-D, 90 C-D, 95 C-D.



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## FLAMESTAT BRIEFS 7022 MOF

Article no 122230

Elasticated waist / Approved according to EN ISO 14116 Index 3 (fabric is approved according to EN ISO 11612 A1 B1 C1 F1 and EN 61482-1-2 class 1) and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** S-XL.



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## FLAMESTAT BRIEFS 7466 MOF

Article no 131150

Elasticated waist / Approved according to EN ISO 14116 Index 3 (fabric is approved according to EN ISO 11612 A1 B1 C1 F1 and EN 61482-1-2 class 1) and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** XS-3XL.



## CORE

SEE PAGE 9



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## FLAMESTAT BOXERS 7031 MOF

Article no 121642

Elasticated waist / Approved according to EN ISO 14116 Index 3 (fabric is approved according to EN ISO 11612 A1 B1 C1 F1 and EN 61482-1-2 class 1) and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** S-3XL.



CORE

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### FLAMESTAT LONG SLEEVE T-SHIRT 7026 MOF

Article no 121639

Round neck / Long-sleeved / Approved according to EN 61482-1-2 class 1 (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1 and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane, 2% anti-static fibre. Inherent flame protection.  
**WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** XS-4XL.



CORE

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### FLAMESTAT HALF ZIP 7029 MOF

Article no 121640

High collar with short zip / Long-sleeved / Approved according to EN 61482-1-2 class 1 (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1 and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane, 2% anti-static fibre. Inherent flame protection.  
**WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** XS-4XL.



FLAME PROTECTION

CORE

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### FLAMESTAT LONG JOHNS 7027 MOF

Article no 121641

Elastic waist / Approved according to EN 61482-1-2 class 1 (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1 and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane, 2% anti-static fibre. Inherent flame protection.  
**WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** XS-4XL.



## MOF material

MOF is a soft and smooth fabric in elastic jersey quality with very high comfort. The MOF material has inherent flame protection and is made of modacrylic, cotton, elastane and beltron. The material has electric arc protection and is antistatic. MOF material can be machine washed at 60° and is OEKO-TEX® certified.





**CORE**

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### FLAMESTAT DEVOLD® LONG SLEEVE T-SHIRT 7436 UD

Article no 109848

Very elastic / Lightweight / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1A2 B1 C1 and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 50% viscose FR®, 40% merino wool, 8% polyamide, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 230 g/m². **COLOUR** 940 Black. **SIZE** XS-2XL.



### FLAMESTAT DEVOLD® T-SHIRT 7431 UD

Article no 109842

Very elastic / Lightweight / Approved according to EN ISO 14116, Index 3 and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 50% viscose FR®, 40% merino wool, 8% polyamide, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 230 g/m². **COLOUR** 940 Black. **SIZE** XS-2XL.



### FLAMESTAT DEVOLD® LONG JOHNS WOMAN 7432 UL

Article no 109843

2-layer / Elasticated waist / Approved according to EN 61482-1-2 class 1 and EN ISO 11612 A1 A2 B1 C1 / OEKO-TEX® certified.

**MATERIAL** 50% viscose FR, 50% merino wool. Inherent flame protection. **WEIGHT** 230 g/m². **COLOUR** 940 Black. **SIZE** XS-XL.



### FLAMESTAT DEVOLD® LONG JOHNS 7437 UD

Article no 109849

Very elastic / Lightweight / With fly / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1A2 B1 C1 and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 50% viscose FR®, 40% merino wool, 8% polyamide, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 230 g/m². **COLOUR** 940 Black. **SIZE** S-2XL.



## DEVOLD® UD material

Devold® UD is an elastic rib-knitted material of viscose, Merino wool, antistatic fibres and durable polyamide with inherent flame protection. The material has electric arc protection and is antistatic. The UD material can be machine washed at 60°.

## DEVOLD® UL material

Devold® UL is an inherently flam-retardant 2-layer material made of viscose and Merino wool. The viscose is on the reverse, which provides a soft and smooth feeling against the skin – perfect for people who are sensitive to wool. The material has electric arc protection. The UL fabric can be machine washed at 40° and is OEKO-TEX® certified.



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### FLAMESTAT FLEECE JACKET 7044 MFR

Article no 121649

Front placket opening with zip to top of collar / Extended back / Thumb grips / Brushed inside / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 5,1 cal/m² HAF: 80% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C2 F1 and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 57% modacrylic, 38% cotton, 5% elastane. Inherent flame protection. **WEIGHT** 400 g/m². **COLOUR** 940 Black. **SIZE** S-3XL.



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### FLAMESTAT FLEECE LONG JOHNS 7045 MFR

Article no 121650

Elasticated waist / Brushed inside / Approved according to EN 61482-1-2 class 1 (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN 61482-1-1 EBT: 5,1 cal/m² HAF: 80%, EN ISO 11612 A1 B1 C2 F1 and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 57% modacrylic, 38% cotton, 5% elastane. Inherent flame protection. **WEIGHT** 400 g/m². **COLOUR** 940 Black. **SIZE** S-3XL.



## MFR material

MFR is a flexible, thermally insulating fleece with smooth outside and soft, brushed reverse. The material is inherently flame-retardant made of modacrylic, cotton and elastane. MFR protects against electric arc and is antistatic. The material can be machine washed at 60° and is OEKO-TEX® certified.



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### FLAMESTAT DEVOLD® BEANIE 9109 FR

Article no 117247

Flame retardent beanie / Knitted / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 A2 B1 C1 and EN 1149-5.

**MATERIAL** 50% viscose FR®, 40% merino wool, 8% polyamide, 2% anti-static fibre. Inherent flame protection. **COLOUR** 940 Black. **SIZE** One size.



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### FLAMESTAT BEANIE 9195 MOF

Article no 127674

Approved according to EN ISO 14116 Index 3 (fabric is approved according to EN ISO 11612 A1 B1 C1 F1 and EN 61482-1-2 class 1) and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** One size.



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### FLAMESTAT WINTER HAT 9171 ATHR

Article no 132033

Water-repellent / Fleece lining / Elastic at the back / Approved according to EN ISO 14116 Index 3 (fabric is approved according to EN ISO 11612 A1 A2 B1 C1 F1 and open arc according to EN 61482-1-1) and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 50% modacrylic, 41% cotton, 7% polyurethane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 260 g/m². **COLOUR** 540 Dark Navy. **SIZE** S/M, L/XL.





# Accessories

**CORE**

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## FLAMESTAT SNOOD / BANDANA 9192 MOF

Article no 127671

Approved according to EN ISO 14116 Index 3 (fabric is approved according to EN ISO 11612 A1 B1 C1 F1 and EN 61482-1-2 class 1) and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m².

**COLOUR** 940 Black. **SIZE** One size.



## FLAMESTAT COLLAR 7038 MOF

Article no 121648

Approved according to EN ISO 14116 Index 3 (fabric is approved according to EN ISO 11612 A1 B1 C1 F1 and EN 61482-1-2 class 1) and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane and 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m².

**COLOUR** 940 Black. **SIZE** One size.



## FLAMESTAT BALACLAVA 7028 MOF

Article no 121644

Approved according to EN ISO 14116 Index 3 (fabric is approved according to EN ISO 11612 A1 B1 C1 F1 and EN 61482-1-2 class 1) and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane and 2% anti-static fibre. **WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** One size.



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## FLAME ID-CARD POCKET 9174 PSTF

Article no 124315

Attached with snap fastening / Metal free / Approved according to EN 14116 Index 3 (fabric is approved according to EN ISO 11612 A1) / Sold in pack of 5 pcs / OEKO-TEX® certified.

**MATERIAL** 80% cotton, 19% polyester, 1% anti-static fibre.

**WEIGHT** 250 g/m². **COLOUR** 940 Black. **SIZE** One size.



## FLAMESTAT SOCKS 980 SFA

Article no 100580

Rib-knitted leg / Terry-knitted sole / Approved to EN ISO 14116 Index 3 and EN 1149-5.

**MATERIAL** 40% modacrylic, 27% cotton, 20% polyamide, 6% elastane, 7% anti-static fibre. Inherent flame protection. **COLOUR** 540 Dark Navy.

**SIZE** 37-39, 40-42, 43-45, 46-48.



## FLAMESTAT SOCKS 9194 FSOL

Article no 127673

Rib-knitted shaft / Terry-knitted heel and toe / Approved according to EN ISO 14116 Index 3 and EN 1149-5.

**MATERIAL** 54% modacrylic, 44% cotton, 2% anti-static fibre. Inherent flame protection. **COLOUR** 540 Dark Navy. **SIZE** 37-39, 40-42, 43-45, 46-48.



**CORE**

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942



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## FLAMESTAT BELT 9999 FR

Article no 117320

Flame retardant / Webbing / Buckle of polyamide 6.6 with Fristads logo engraved / Adjustable length / Length 130 cm / Width 38 mm / Approved according to EN ISO 14116 Index 3 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 58% polyester, 23% modacrylic, 19% cotton. Inherent flame protection. Buckle of polyamide 6.6. **COLOUR** 940 Black. **SIZE** One size.



## FLAMESTAT SOCKS 9193 FSOH

Article no 130207

Wool insulation / Terry-knitted feet and shafts / Approved according to EN ISO 14116 Index 3 and 1149-5 / OEKO-TEX® certified.

**MATERIAL** 60% merino wool, 25% aramide, 11% polyamide, 2% anti-static fibre, 2% elastane. Inherent flame protection. **COLOUR** 942 Anthracite Grey. **SIZE** 36-39, 40-44, 45-48.



**Woolpower**

## FLAMESTAT KNEE-HIGH SOCKS 9198 FSOH

Article no 130208

Wool insulation / Terry-knitted feet and shafts / Approved according to EN ISO 14116 Index 3 and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 60% merino wool, 25% aramide, 11% polyamide, 2% anti-static fiber, 2% elastane. Inherent flame protection. **COLOUR** 942 Anthracite Grey. **SIZE** 36-39, 40-44, 45-48.



CAN EASILY BE  
ATTACHED TO  
ANY TROUSERS



Combine with belt  
117320. See page 214.



## FLAME NAIL POCKETS 9179 ATHS

Article no 131925

2 CORDURA® reinforced loose hanging pockets, one with 3 smaller pockets and tool loops, one with extra pocket / Attached with velcro fastening / Fits with trousers 121355, 122197, 121354, 125038, 109424, 125940, 125942, 125943, 125945, 125949, 125951, 126510, 100330, 130666 and belt 117320 / Fabric is approved according to EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1, EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 12 cal/cm² ELIM: 9 cal/cm², EN 13034 and EN 1149-3 / Leasing laundry-tested according to EN ISO 15797 / OEKO-TEX®-certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre.  
**WEIGHT** 300 g/m². **COLOUR** 540 Dark Navy. **SIZE** One size.



## FLAME WELDING SLEEVE COVER 9207 KEVS

Article no 131169

Flame retardant / Adjustable strap for fastening around arm / Elasticated cuffs / Approved according to EN ISO 11612 A1 B1 C1 E3 F1, EN ISO 11611 Class 1 A1 and EN 1149-5.

**MATERIAL** 79% cotton, 20% polyester, 1% anti-static fibre. Reinforcement 98% aramid fibre, 2% anti-static fibre. **WEIGHT** 450 g/m², reinforcement 545 g/m².  
**COLOUR** 940 Black. **SIZE** One size.



**CORE**

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Flame certification only valid  
when combined with Fristads  
Flamestat and Flame garments.



## KNEE PROTECTION 9200 KP

Article no 124292

Front shield for penetration protection / Lightweight / Very flexible / Thickness 20 mm / Width 160 mm / Length 245 mm / Approved according to EN 14404 type 2 level 1 and EN11612 A1 in combination with Fristads flame protective assortment / Sold in pairs.

**MATERIAL** Front 100% LDPE. Back 100% Ethylene Vinyl Acetate 50.  
**COLOUR** 896 Grey/Black. **SIZE** One size.

# Useful information

## General

- Cover your body from top to toe.
- The garments should be worn closed.
- Wear multiple layers of flame-retardant garments to increase your safety. Protection is impaired if the garment is worn in combination with non-flame-retardant garments.
- Always use underwear and middle layer of flame-retardant materials, never synthetic materials.
- Use other necessary safety equipment – helmet, gloves, footwear. We recommend that welders use a leather welding apron and sleeve covers to increase the protection and prolong the lifetime of the welding garments.
- Before putting on your garment, check that it is not damaged. As a wearer, you should also make sure you know how to take the garment off quickly in the event of an accident.
- Garments that are dirty provide less flame protection.
- After a flame-retardant garment is exposed to flames, it is ruined. Even if the damage is not visible, the fabric is weakened and holes will form when it is washed.
- When repairing protective clothing, use the same fabric, thread and trims as the garment is made of. Alternatively, use fabric, thread and trims with the same or higher certification requirements as the garments.
- The reflective tape on our flame-retardant garments is flame retardant and approved according to EN ISO 14116, EN 469 and EN ISO 20471.
- Our products are manufactured in accordance with the latest EU-harmonised chemical legislation, including REACH. The garments are also OEKO-TEX® certified on garment level which means that every component in the garment is free from harmful chemicals and safe for human use.
- Workers in different occupations have different needs and levels of risk. Always perform a risk analysis to identify actual needs before purchasing flame-retardant clothing.

## Washing instructions

- We recommend industrial laundry for flame retardant garments to ensure that full protection is maintained. If there is no industrial laundry available, flame-retardant garments must always be washed according to the washing instructions on the garment.
- Flame-retardant garments must not be washed with soap detergents or fabric softeners and must not be chlorine bleached. Only synthetic detergents may be used to retain the protective properties.
- Garments with reflective tape should be washed inside out.

## Transfers and embroidery

- Transfers and embroideries on flame-protective Fristads garments must be in accordance with approved transfers and embroidery thread available within Fristads.
- Embellishment of Fristads' high-visibility garments (certified according to EN ISO 20471) is not allowed to decrease the minimum area of reflective area and fluorescent area specified in the EN ISO 20471. See table for maximum allowed size of embroidery and transfer at [fristads.com](http://fristads.com)



# Norms, certifications and facts



## IEC 61482-2

### Electric Arc

**Protective clothing certified according to IEC 61482-2 should be used in environments where there is a risk of electric arc accidents.**

In 2019, IEC 61482-2 was revised and has been updated with a new symbol/pictogram and the new calorific value ELIM.

During an electric arc explosion, the material is exposed to clouds of plasma, flames, radiation and metal that splashes from the electrodes. In that case, the material must insulate effectively enough to prevent second degree burns to the skin. An effective material for electric arc protective garments must protect both against the flame and the metal splash, while also insulating against intense heat. The standard IEC 61482-2 includes two test methods: EN 61482-1-1 (Open Arc) and EN 61482-1-2 (Box Test). Our garments are certified according to both methods.

Two-piece protective clothing must be worn together and protect the entire body to achieve the right level of protection. The CE labels inside the garment contains information about the necessary garment combination and which code letters that the garment is certified for. The protective clothing is usually worn together with other types of PPE such as helmet, gloves and shoes. Wearing additional layers of garments is very important and will increase protection.

**For whom?** Electricians, when maintaining equipment in non-arc-safe distribution plants or electrical switchboards, or when working on high voltage equipment.

**Protects against:** Electric arc, metal splashes, heat and flame, radiant heat convective heat, high voltage, electric shock, plasma clouds, radiation.



## Open Arc Test IEC/EN 61482-1-1

The test uses an arc that simulates reality by not being "controlled." You shoot the arc against a mannequin wearing one or more layers of garments and then evaluate the protection of the garments. The level of protection of the garment receives a calorific value –  $\text{cal/cm}^2$  – as specified in ATPV or EBT. The higher the value, the better the protection.

ATPV and EBT are measured against a 50% risk of a second-degree burn. Whether it becomes an ATPV value or an EBT value depends on how the fabric reacts to the arc test. If a hole appears first, the value is set as EBT and if high heat passage is first, it will be ATPV. The result of the electric arc tests – the ATPV, EBT and ELIM values – are compared with the Stoll curve, a diagram that shows when you are at risk of a second-degree burn in the event of an electric arc accident. That way you can measure the energy level (calorific value) that the garments protect against.

**ATPV** (Arc Thermal Performance Value) indicates the energy level required to get a heat passage in the garment with a 50% risk of causing a second-degree burn.

**EBT** (Energy Breakopen Threshold) indicates the energy level required to create a breakopen in the material with a 50% risk of causing a second-degree burn.

**HAF** (Heat Attenuation Factor) is the measurement of the percentage of energy that is blocked by the material or material system.



## ELIM – New test value for Open Arc Test

In 2019, IEC 61482-2 was revised and the Open Arc Test has been updated with the new calorific value ELIM (Incident Energy Limit). ELIM complements ATPV and EBT.

ELIM indicates the energy level to which the garment may be exposed with a 0% risk of second-degree burn (ATPV and EBT indicate a 50% risk of a burn). The ELIM value therefore has a lower calorific value than ATPV and EBT.

Fristads new flame-protective garments from the autumn 2019 and forward have been tested according to the new version of IEC 61482-2 and received an ELIM value. We are currently updating and recertifying existing flame garments, a process which we aim to complete in 2021. During a transitional period, the labelling of our garments will be updated continuously.



## Box Test IEC/EN 61482-1-2

The arc rating – class 1 or 2 – is evaluated in a test with a limited and directional arc. In the test, the electric arc is shot against a box where the material or garment is placed. The result is compared to the Stoll curve, a diagram that shows when you are at risk of a second-degree burn in the event of an electric arc accident.

**Test criteria:** The material must not melt on the inside, the afterflame must be extinguished in 5 seconds or less and no hole larger than 5mm in any direction can be created. The result is approved or not approved.

Class 1 = 4 kA (arc energy 168 kJ)

Class 2 = 7 kA (arc energy 320 kJ)

### Electric arc-tested garment combinations

By wearing several layers of protective clothing you increase the amount of energy that a garment system can withstand in the event of an electric arc accident. We have conducted electric-arc tests with different clothing combinations to ensure correct values and provide as much protection as possible. Read more on page 177.

See the table with different certified garment combinations at [fristads.com](http://fristads.com).



## EN 13034 TYPE PB\* [6]

### Liquid chemicals

**Protective clothing tested according to EN 13034 type PB\* [6] protects against splashes of chemicals.**

The garments provide a limited protective function against chemicals in liquid form. They are suitable for environments where there is a risk of splash exposure to small amounts of chemicals where a complete chemical barrier is not required. The protective clothing have special design requirements to prevent the chemicals from pooling on the garment, for example they don't have any loose-hanging pockets.

**For whom?** Industrial workers, miners. Workers in petrochemistry, energy, refinery, maintenance and offshore sectors.

### Protects against splashes from:

Sulphuric acid,  $\text{H}_2\text{SO}_4$ , 30%  
Sodium hydroxide,  $\text{NaOH}$ , 10%  
O-Xylene, undiluted  
Butane-1-ol, undiluted.

**Please note:** Protection against EN 13034 must be reactivated and adequate treatment must be added to the washing process minimum for every 5th washing cycle, unless otherwise is stated in the garment.

\*PB = Partial Body protection.



## EN 1149-5

### Electrostatic discharge, ATEX environment

**Certified and approved garments that protect against electrostatic discharge according to EN 1149-5.**

In addition to the fact that the material is antistatic, the standard also contains special design requirements. Garments or accessories in antistatic material that are not approved as individual protective garments are certified according to EN 1149-3 at the material level, for example: high-vis waistcoats and nail pockets.

It is important that the protective garments are worn in combination with other antistatic equipment such as shoes, so that they become part of a grounded system.

**For whom?** Workers in petrochemistry, energy, refinery, maintenance and offshore sectors, workers moving in ATEX-environments.

**Protects against:** Static electricity, which can cause sparks. Reduces the risk of sparks in explosive environments or when handling flammable or explosive substances.

### ATEX – a potentially explosive environment

The regulations apply where someone at work may be exposed to danger caused by an explosive environment. Applies to environments where there is a risk of explosive atmospheres being formed due to flammable gases and liquids or dust and steam.

#### Examples of ATEX environments:

Energy companies with solid fuel, oil fuel and/or natural gas  
Petrochemical industry  
Powder and chemical handling in various forms  
Forest industry  
Petrol stations  
Workplaces handling LPG or other flammable gas/liquid

The ATEX directives with recommendations on how to dress in ATEX environments are common to the entire EU. To ensure that the design is correct and that the garment is suitable for use in an ATEX environment, the following certifications are recommended: EN 1149-5 (electrostatic discharge), EN ISO 11612 (heat and flame) and IEC 61482-2 (electric arc). The garment also needs to be metal-free.



## EN ISO 14116

### Heat and flame, limited flame spread

**Protective clothing and materials that meet the requirements of EN ISO 14116 provide the user with limited protection upon contact with heat and flames.**

The garments should be used together with garments that meet the requirements of EN ISO 11612, for example underwear, accessories, rainwear and high-vis waistcoats.

The standard is divided into three indices, where index 3 is the highest.

Index 1 – Garments to be worn over other garments approved according to EN ISO 11612, for example rainwear and high-vis waistcoats.

Index 2 and 3 – Garments made of a material approved according to EN ISO 11612, for example underwear, socks and hats.



## EN ISO 11612

### Heat and flame

**Protective clothing that complies with EN ISO 11612 protects the user from contact with heat and flames.**

Two-piece protective clothing must be worn together and protect the entire body to achieve the right level of protection. The CE labels inside the garment contains information about the necessary garment combination and which code letters that the garment is certified for.

**For whom?** Electricians, industrial workers, miners, road and rail workers, welders. Workers in the foundry industry (iron, steel, aluminium), offshore, energy, refinery and maintenance.

#### A: Limited flame spread

If the garment is exposed to an open flame for 10 seconds, it should go out within 2 seconds and no hole should occur.

A1 - Surface ignition

A2 - Edge ignition

#### B: Protection against convective heat (heat passage)

Specifies how long the garment can stop the heat passing through the garment when exposed to an open flame.

B1: 4-10 sec B2: 10-20 sec B3: 20 sec or more

#### C: Protection against radiant heat

Specifies how long the garment can stop the heat passing through the garment when exposed to radiant heat.

C1: 7-20 sec C2: 20-50 sec C3: 50-95 sec C4: 95 sec or more

#### D: Protection against molten aluminum splash

Specifies how much molten aluminium splash the garment can handle before holes are formed.

D1: 100-200 g D2: 200-350 g D3: 350 g or more

#### E: Protection against molten iron splash

Specifies how much molten iron splash the garment can handle before holes are formed.

E1: 60-120 g E2: 120-200 g E3: 200 g or more.

#### F: Protection against contact heat

Specifies how long the garment can block the heat generated by direct contact with hot substances and objects.

F1: 5-10 sec F2: 10-15 sec F3: 15 sec or more



## EN ISO 11612 – D,E

### Molten iron and aluminium

Protective clothing specially designed to withstand molten metal splashes is certified according to EN ISO 11612 (heat and flame) in categories D and E. Even if the fabric does not burn or crumble upon contact with the molten metal, you may get burns.

**For whom?** Foundry workers, metalworkers, welders.

In the test, liquid metal is poured over the fabric at a special angle and the rating indicates how much the fabric can handle before a hole is formed. The test is divided into three classes where D3 and E3 respectively indicate the highest value. See the values in the list for EN ISO 11612.

Our specially developed MFA protective garments offer the highest protection against molten iron and aluminium D3 and E3.



## EN ISO 11611

### Welding

**Protective clothing for use in welding and allied processes is certified according to EN ISO 11611.**

Welding approved garments are always approved according to EN ISO 11612 (heat and flame). Two-piece protective clothing must be worn together and protect the entire body to achieve the right level of protection. The CE labels inside the garment contains information about the necessary garment combination and which code letters that the garment is certified for.

Welding garments have special design requirements to prevent welding sparks from sticking, e.g. no open or loose-hanging pockets. That means the material in a garment may be approved for welding but due to the design, the garment can't be certified.

Arc welding involves a risk of exposing the skin to UV radiation. During usage, the material in the garment will be worn down and the protection impaired. If the user experience sunburn-like symptoms, it means UVB is penetrating. To increase the protection of the user and extend the durability of the garments we recommend supplementing the garments with a welding apron and welding sleeves. Welding garments are usually worn in combination with other PPE such as helmet and gloves.

**For whom?** Welders, rail workers, miners, foundry workers.

**Protects against:** Welding sparks (small splashes of molten metal), UV radiation, radiant heat, heat and flame.

**The standard is divided into two classes with different levels of protection**

The table on page 221 provides guidance on which welding class your clothes need. The material must be able to withstand at least 15 drops of molten metal without exceeding an increase in temperature of 40°C on the reverse side of the material causing skin burns.

#### Class 1:

Provides protection for less hazardous welding methods and situations, with lower levels of splash and radiant heat. The material must withstand at least 15 drops of molten metal.

#### Class 2:

Provides protection for riskier welding methods and situations, with higher levels of splash and radiant heat. The material must withstand at least 25 drops of molten metal.

A1: Limited flame spread, surface ignition

A2: Limited flame spread, edge ignition

## Test of garment combinations for welding protection EN ISO 11611 and heat and flame EN ISO 11612

Wearing several layers of garments will increase the welding protection as well as the protection against radiant heat, contact heat and molten iron splashes. Read more on page 177.

See our table with certified garment combinations at [fristads.com](http://fristads.com).



## EN ISO 20471

### High visibility

**High-visibility garments are certified according to EN ISO 20471 and make the user visible to the environment in daylight, darkness and in bad weather.**

**For whom?** All workers who receive a higher level of protection by being extra visible. Most common in work situations involving vehicles, roads, railroads or large construction sites, or when working during night-time conditions or in bad weather.

**Protects against:** Accidents in areas often involving vehicles, such as roads and railways.

High-visibility clothing has a fluorescent surface and reflectors that meet requirements according to three different classes depending on how visible they are. Class 3 is the highest safety class. The certified class can be achieved with a single garment or a garment combination. Class 1 or 2 garments can be combined in different ways in order to achieve a higher level of safety classification. See our co-certification table.

#### Minimum m² to obtain approval according to EN ISO 20471

Material	Class 3	Class 2	Class 1
Fluorescent	0.8	0.5	0.14
Reflective	0.2	0.13	0.1

### Maximum allowed size of embroidery and transfer

On garments personalised with company logos, it is important to ensure that the logo does not obscure too great a proportion of the fluorescent area. The total fluorescent area must be at least 0.8 m² to conform with class 3. With our table you can determine how large your logo can be. See table for maximum allowed size of embroidery and transfer at [fristads.com](http://fristads.com).

## EXAMPLE OF HOW OUR FLAME PROTECTIVE GARMENTS ARE CE-MARKED

# CE 0598

Art: 131147



131147 + With at least same certifications =



IEC 61482-2:2018  
ELIM=9,5 cal/cm²  
APC=1



EN 1149-5:  
2018



EN ISO  
11612:2015  
A1+A2 B1 C1 F1



131147



EN ISO  
20471:2013  
SIZES XS-S



EN ISO  
20471:2013  
SIZES ≥M



131147  
U6



T1 T2 T3 T4  
T5 T6 S1 S2



EN ISO  
20471:2013  
SIZES XS

54% Modacrylic  
44% Cotton  
2% Antistatic



Tested and approved according to  
EN ISO 15797.

**Max 25 X**



Fristads Kansas Group  
Box 1102  
50111 Borås, Sweden  
[fristadskansasgroup.com](http://fristadskansasgroup.com)

Notified Body No 0598:  
SGS Firmko Ltd.  
Takomatie 8  
FIN-00380 Helsinki, Finland





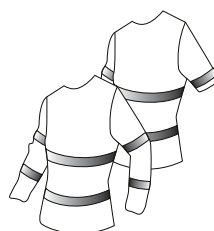
## Co-certification

### Fristads high visibility clothing system – reach the highest safety class by combining your garments

We have co-certified our collections so that class 1 or 2 garments can be combined in different ways in order to achieve a higher safety class. All garments have a special code, based on the type of garment and classification, such as U3 or T4. The code appears as a symbol on the garment's product information and in the CE label in our garments. The table and instructional film are also available at [fristads.com](http://fristads.com)

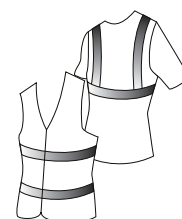
### Our quick-reference guide shows all options

Example: A high visibility shirt in class 1 (labelled U3) can be combined with a pair of craftsman trousers in class 2 (labelled T4) to obtain class 3 certification for the whole set.



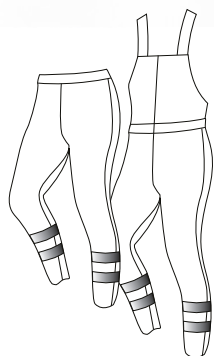
#### UPPER BODY (U)

Short or long sleeved garments with reflective tape on sleeves



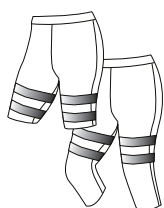
#### WAISTCOAT (W)

Waistcoats/Short sleeved tops without reflective tapes on sleeves



#### TROUSERS\* (T)

Trousers with long legs/  
Bib'n'Braces with reflective tape



#### SHORTS (S)

Shorts/Pirate trousers with reflective tape

	U1	U2	U3	U4	U5	U6	W1	W2
T1	1	1	2	2	2	3	2	3
T2	1	1	2	2	3	3	2	3
T3	2	2	2	3	3	3	3	3
T4	2	2	3	3	3	3	3	3
T5	2	3	3	3	3	3	3	3
T6	3	3	3	3	3	3	3	3

S1	1	1	2	2	2	3	2	2
S2	2	2	2	3	3	3	2	2

\* Upper body (U) and Waistcoat (W) must be worn over the Bib'n'Brace to obtain class 2 or 3. If they are worn under, the Bib'n'brace itself determines the class.

THIS TABLE IS ALSO AVAILABLE AT [FRISTADS.COM](http://FRISTADS.COM)

# Materials

Flame-retardant fabrics are used to make garments harder to ignite and to impede flame spread. If a fabric is described as flame retardant, this does not mean, however, that the fabric is not flammable. The purpose of flame retardancy is to halt the combustion process in various ways. Most synthetic fibres ignite easily and then melt. Cotton, on the other hand, is harder to ignite but burns for longer and more fully. In principle, wool is not flammable, in tests, it can withstand contact with a glowing cigarette without starting to burn. Due to the properties of these different materials, we have developed different collections of garments to meet different purposes. We have developed collections in inherently flame-retardant fabrics and in flame-retardant treated fabrics. We also make inherently flame-retardant underwear.

## LOI value

Limited Oxygen Index (LOI) measures the lowest oxygen content at which the material burns by itself after being ignited. Air contains approximately 21% oxygen. Easily flammable materials have a LOI value of about 20% or lower. One example is cotton, which has an LOI of 16 – 18%. The lowest limit for fabrics that are difficult to ignite is about 25%, which is roughly the case for wool.

Wool	25%
Flame-retardant treated cotton	28%
Flame-retardant treated wool	30-32%
Meta-aramid	30%
Modacrylic	33%
Modacrylic/cotton mix	35%

## Inherently flame-retardant fabrics – modacrylic or aramides

The unique molecular structure of the yarn fibres in these fabrics makes them naturally flame retardant without chemical treatment. The fibre contains antimony salts for highest FR performance which stops the spread and continuation of burning. Inherently flame-retardant fibres minimise burn injuries by creating a protective barrier between the heat source and the wearer's skin. The flame protection is not applied as a coating but is an integral part of the fibre structure. The protective properties are permanent and retained throughout the lifetime of the garment. No further treatments or re-treatments are required. Inherently flame-retardant fabrics are suitable for either domestic or industrial laundering.

## Modacrylic – protex and protal fibre mixes

Our Flamestat collection is made from a light and flexible high-performance inherently flame-retardant fabric. This fabric is made from a blend of modified acrylic fibres, long-fibre cotton, strong polyamide fibres and antistatic fibres. This unique mix is both soft and comfortable against the skin and at the same time strong and durable for workwear, providing effective, long-term protection. Modacrylic fabrics shed metal electrode splashes extremely effectively. This prevents heat transmission burns since no hot metal pieces remain on the fabric in event of an arc accident. The fabric is cotton-like in appearance and is inherently flame retardant. It provides excellent heat insulation and prevents second-degree burns. It is also quick-drying and has excellent moisture management properties. When flames come into contact with the fabric, the modacrylic fibres release a small amount of protective gas, displacing the oxygen and extinguishing the flame. The fabric does not melt or drip onto the skin as it creates a strong protective char barrier. Superior quality, comfort, strength and protection in one great package. Our Flamestat collection is tested and approved for industrial laundry according to ISO 15797 and is also OEKO-TEX® certified. The difference between our GORE-TEX (GXE) fabric and other inherently flame-retardant fabrics is that GXE has an antistatic membrane, while the rest have antistatic fibres in the weave. GORE-TEX fabrics is also wind and waterproof as well as breathable.

## Flame retardant treated fabrics – Proban®

These include cotton and polyester fabrics and cotton fabrics treated with flame-retardant chemicals that inhibit or suppress the combustion process. Flame-retardant treated fabrics are treated with a flame-retardant chemical that forms a permanent bond at the molecular level with the cellulose in the cotton fibres. Our Flame collections are made from flame-retardant treated fabrics. When flame comes into contact with the fabric, the fabric releases a small amount of gas, displacing the oxygen and extinguishing the flame. The fabric does not melt or drip onto the skin, as it creates a protective char barrier. These fabrics are durable provided that they are washed in accordance with our instructions. Flame retardant treated fabrics can be domestically or industrially laundered.

## Underwear

Our underwear sets in the materials MOF and MFR, are made from a blend of modacrylic, cotton and elastane. Modacrylic fibres have an inherent anti-flame protection. Combined with cotton, it provides a soft, strong material with good thermal insulation properties. The underwear from Devold® is made from a blend of Merino wool and Lenzing FR® viscose. Merino wool and the viscose fibre is inherently flame retardant. The combination is a material that both keeps you warm and is very comfortable to wear. All our materials are preshrunk and can be machine washed.

## Leather products

We also have welding aprons in split leather, which can naturally withstand welding sparks and can prolong the lifetime of your welding clothes.



# Occupations

## Electricians

This group needs garments certified and approved according to EN ISO 11612 and electric arc tested according to IEC 61482-2. Garments that comply with EN ISO 11612 protect the user upon contact with heat and flames. Protective clothing tested according to IEC 61482-2 protects against the thermal hazards that may occur in electric arc accidents. The test does not assess the effects of other factors, such as noise, light, increased pressure, hot oil, electric shocks, the consequences of physical or mental shocks, or toxic substances. An ATPV/EBT value of at least 8 cal/cm<sup>2</sup> is the general guideline for electricians. No guidelines for the ELIM value is yet established. If the risk is higher, we recommend that the end user wears several layers of protective clothing, i.e. flame-retardant underwear under the electric arc certified garments or garments in a fabric with a higher arc rating (higher ATPV or EBT). In either case, the garments solution should be worn with other safety equipment i.e. safety helmet with protective visor, protective gloves and protective footwear (boots) to ensure the right level of protection. When underwear is used, it must be made of flame-retardant materials. Garments that are made of synthetic fibres such as polyamide, polyester and acrylic melt in the heat caused by electric arcs and damage the skin. Even if the outer garments are certified to IEC 61482-2, the undergarment or middle layer must be made of flame-protective material. The outer layer of an electrician's protective clothing must therefore be made from arc tested fabrics (IEC 61482-2), and the remaining layers must be approved in accordance with EN ISO 11612 or EN ISO 14116 Index 3.

## Welders

This group needs garments that are certified and approved according to EN ISO 11611. Garments that comply with this standard protect the wearer during welding or similar work. The protective clothing is intended to protect the wearer from small drops of molten metal, brief contact with flames and UV radiation. Welding garments have special design requirements to prevent welding sparks from sticking, for example they have no open or loose-hanging pockets. Welding clothes are often used in conjunction with other PPE, e.g. welding apron, welding sleeves, helmet and gloves. Read more about the welding norm EN ISO 11611 on page 218.

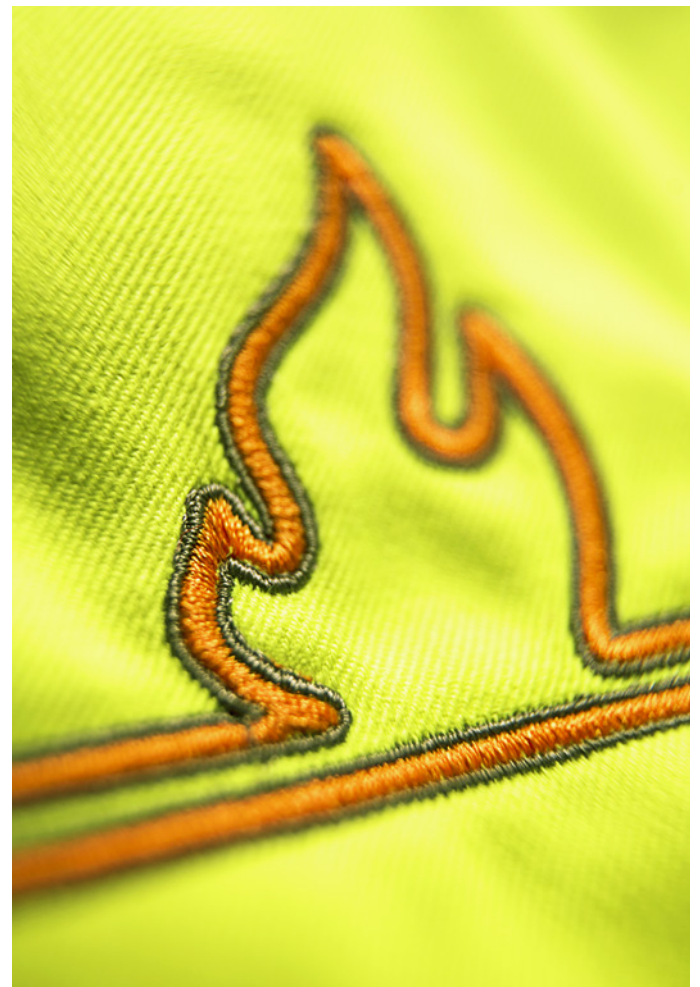
## Oil industrial workers

As they often work in an ATEX environment, this group (refinery workers, offshore workers, tanker drivers) must wear garments certified and approved in accordance with EN ISO 11612, EN 1149-5 and IEC 61482-2. Garments approved in accordance with EN ISO 11612 protect the user in the event of contact with heat and flames. Garments that comply with EN 1149-5 protect the user against sudden discharges of electrostatic energy and are worn where there is a risk that static sparks may ignite flammable substances, such as gas and oil. It is recommended that these garments are metal-free, but if garments with metal zippers and metal buttons are used, they must be concealed. In addition to certification according to EN ISO 11612 and EN 1149-5, standards EN 343 (rain and humidity) and EN ISO 20471 (high vis) are also important for this group.

## Rail workers

This group needs garments certified and approved in accordance with EN ISO 11612 and EN ISO 20471. Garments approved in accordance with EN ISO 11612 protect the user in the event of contact with heat and flames. Garments approved in accordance with EN ISO 20471 make the wearer visible to their surroundings in daylight, at night and in poor weather conditions. Some workers in this group also need garments certified for welding in accordance with EN ISO 11611. Read more in the section about Welders.

GUIDANCE FOR THE SELECTION OF THE CLASS OF WELDERS' CLOTHING		
	SELECTION CRITERIA RELATING TO THE PROCESS:	SELECTION CRITERIA RELATING TO THE ENVIRONMENTAL CONDITIONS:
CLASS 1 TIG MIG	Manual welding techniques, light formation of spatters and drops, e.g.:	Operation of machines, e.g. of:
	<ul style="list-style-type: none"> <li>• Gas welding</li> <li>• Tig welding</li> <li>• Mig welding</li> <li>• Micro plasma welding</li> <li>• Brazing</li> <li>• Spot welding</li> <li>• MMA welding (with rutile-covered electrode)</li> </ul>	<ul style="list-style-type: none"> <li>• Oxygen cutting machines</li> <li>• Plasma cutting machines</li> <li>• Resistance welding machines</li> <li>• Machines for thermal spraying</li> <li>• Bench welding</li> </ul>
CLASS 2 MAG CO <sub>2</sub>	Manual welding techniques, heavy formation of spatters and drops, e.g.:	Operation of machines, e.g. of:
	<ul style="list-style-type: none"> <li>• MMA welding (with basic or cellulosecovered electrode)</li> <li>• Mag welding (with CO<sub>2</sub> or mixed gases)</li> <li>• MIG welding (with high current)</li> <li>• Self-shielded flux cored arc welding (FCAW)</li> <li>• Plasma cutting</li> <li>• Gouging</li> <li>• Oxygen cutting</li> <li>• Thermal spraying</li> </ul>	<ul style="list-style-type: none"> <li>• In confined spaces</li> <li>• At overhead welding/cutting or in comparable constrained positions</li> </ul>







# Women

Comfortable and functional with the right feminine fit

We created our first women's workwear collection over 45 years ago and now it is more comprehensive than ever. Our collection of professional workwear for women includes everything from craftsman clothes to garments with flame and high-vis certification. All the functions you need during your workday, with a feminine fit. Most products are available as exact equivalents of the men's models.

## Extend your options with unisex fit

A majority of our garments are available from size XS and C44 and are equally suitable for women.



Sweat jacket  
from size 2XS

T-shirt  
from size XS

Pile jacket  
from size XS

**SWEAT JACKET 7052 SMP**  
Art no 125026> Page 56

**CRAFTSMAN STRETCH TROUSERS WOMAN 2533 CYD**  
Art no 127670> Page 225

**T-SHIRT 7046 THV**  
Art no 122396> Page 63

**SERVICE STRETCH TROUSERS WOMAN 2701 PLW**  
Art no 126516> Page 228

**FLEECE PILE JACKET 4064 P**  
Art no 127563> Page 126

**ACODE SWEAT JACKET WOMAN 1758 DF**  
Art no 124444> Page 137

**CRAFTSMAN STRETCH TROUSERS WOMAN 2533 CYD**  
Art no 127670> Page 225



# Flexible 4-way stretch for maximum comfort

2 CORDURA®-reinforced back pockets, one with flap and velcro fastening

Two side pockets, one with zip

Two capacious front pockets

Loose-hanging CORDURA®-reinforced pocket with 3 smaller pockets and tool loops. D-ring underneath pocket

Double reinforced crotch seam

Loose-hanging CORDURA®-reinforced pocket with extra pocket

Folding rule pocket with tool pocket, pen pocket and button and loop for sheath knife

Large panels of 4-way stretch material at front and rear of the trousers

Multifunction leg pocket with mobile phone pocket, ID card pocket and zipped water-resistant pocket

Pre-shaped knees

CORDURA®-reinforced knee pockets with outside opening from above. Height adjustment for knee pads. Approved according to EN 14404 together with kneepads 124292

Reflective piping at back leg

CORDURA®-reinforced leg end, adjustable with snap fasteners



**CRAFTSMAN STRETCH TROUSERS WOMAN 2533 CYD**  
Art no 127670> Page 225

**CRAFTSMAN STRETCH TROUSERS 2530 CYD**  
Art no 121314> Page 27



**NEW**  
AUTUMN 2021

FULL 4-WAY  
STRETCH  
MATERIALS  
LIGHTWEIGHT



540



940



### CRAFTSMAN STRETCH TROUSERS WOMAN 2599 LWS

Article no 133931

Lightweight 4-way stretch fabric / Durable ripstop 4-way stretch panels at upper front and back / 2 loose-hanging reinforced pockets, one with 3 smaller pockets and tool loops, one with extra pocket / Concealed front button / 2 front pockets / 2 back pockets with zip / Double reinforced crotch seam / Hammer loop / Folding rule pocket in ripstop stretch, leg pocket with snap fastening, pocket with zip, pen pocket, 2 tool pockets and button and loop for sheath knife / Leg pocket with snap fastener, pocket with zip, mobile phone pocket and ID card pocket with flap, D-ring under flap / Ripstop stretch knee pockets with outside opening from above with velcro fastening / Height adjustment for knee pads in knee pockets / Reflective details at knees and leg ends / Ripstop reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** Stretch fabric 92% polyester, 8% elastane. Ripstop stretch fabric 87% polyamide, 13% elastane. **WEIGHT** 205 g/m². Ripstop stretch fabric 250 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** C34-C50.



FULL 4-WAY  
STRETCH  
MATERIALS

See page 17 for  
more information



940



### CRAFTSMAN STRETCH TROUSERS WOMAN 2569 STP

Article no 129736

4-way stretch materials / Thigh panels and back part of durable 4-way ripstop stretch material / Stretch rib insets at waist / 2 loose-hanging CORDURA® pockets, one with 3 smaller pockets, tool loops and zip pocket, one with extra pocket and zip pocket / D-ring under loose hanging pocket / 2 front pockets / 2 back pockets with zip / Hammer loop / Double reinforced crotch seam / 2 thigh pockets with zip and ventilation panels inside / Folding rule pocket in CORDURA® with tool pocket, pen pocket, button and loop for sheath knife / Leg pocket with mobile phone pocket and folding rule pocket / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg end, adjustable with snap fastening / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 55% elastomultiester, 45% polyester. Stretch rip stop fabric 88% polyamide, 12% elastane. **WEIGHT** 218 g/m². Stretch rip stop fabric 260 g/m². **COLOUR** 940 Black. **SIZE** C34-C48.



4-WAY STRETCH  
PANELS

**CORE**

SEE PAGE 9



940



### CRAFTSMAN STRETCH TROUSERS WOMAN 2533 CYD

Article no 127670

4-way stretch panels at front, back and legs / 2 CORDURA® reinforced loose-hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket and tool loops / 2 bellowed front pockets / 2 side pockets, one with zip / D-ring under loose-hanging pocket / 2 CORDURA®-reinforced back pockets with loose bottom, one with flap and velcro fastening / Double reinforced crotch seam / Hammer loop / Folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket and water-resistant zip pocket / Pre-shaped knees / CORDURA®-reinforced knee pockets with outside opening from above / Height adjustment for knee pads in knee pocket / Reflective piping at back leg / CORDURA®-reinforced leg end, adjustable with snap fastening / Pockets reinforced with metallic rivets at stress points / Contrast seams / Approved according to EN 14404 together with kneepads 124292.

**MATERIAL** 60% cotton, 40% polyester. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 330 g/m². Stretch fabric 250 g/m². **COLOUR** 940 Black. **SIZE** C34-C50.



4-WAY STRETCH  
PANELS



940



### CRAFTSMAN STRETCH SHORTS WOMAN 2527 CYD

Article no 129740

4-way stretch panels at front, back and legs / 2 CORDURA® reinforced loose-hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket and tool loops / 2 bellowed front pockets / 2 side pockets, one with zip / D-ring under loose-hanging pocket / 2 CORDURA®-reinforced back pockets with loose bottom, one with flap and velcro fastening / Double reinforced crotch seam / Hammer loop / Folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Multifunction leg pocket with mobile phone pocket, ID-card pocket and water-resistant zip pocket / Pockets reinforced with metallic rivets at stress points / Contrast seams / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 330 g/m², stretch fabric 250 g/m². **COLOUR** 940 Black. **SIZE** C34-C50.





## CRAFTSMAN TROUSERS WOMAN 2115 CYD

Article no 110317

2 loose-hanging CORDURA®-reinforced pockets, one with 2 pockets whereof one with zip, one with 3 smaller pockets and tool loop / 2 front pockets / 2 CORDURA®-reinforced slanting back pockets / D-ring at belt loop / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with tool pocket, pen holder, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket, zip pocket and large pocket with snap fastening / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg end, adjustable with snap fastening / Reflective piping at leg ends / Pockets reinforced with metallic rivets at stress points / Contrast seams / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. **WEIGHT** 330 g/m². **COLOUR** 540 Dark Navy, 900 White, 940 Black, 941 Dark Grey. **SIZE** C34-C50.



940

LIGHTWEIGHT  
MESH  
VENTILATION



196



## HIGH VIS CRAFTSMAN TROUSERS WOMAN CLASS 1 2172 NYC

Article no 131157

Mesh ventilation at back yoke and knees / 2 loose-hanging CORDURA®-reinforced pockets, one with zip pocket, the other with 3 smaller pockets and tool loop / 2 front pockets / 2 slanted back pockets / D-ring at front and back / Wide belt loop at mid back / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with pen holder, 2 buttons and loops for sheath knives / Multifunction leg pocket with phone pocket, ID-card pocket and large inside pocket with snap fastening / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg ends adjustable with snap fastenings / Pockets reinforced with metallic rivets at stress points / Approved according to EN ISO 20471 class 1 and EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 50% cotton 50% polyamide. Fluorescent material in 70% polyester, 30% cotton, dirt, oil and water repellent, mesh in 100% polyester. Reinforcement in 100% polyamide. **WEIGHT** 240 g/m².

**COLOUR** 171 Hi-Vis Yellow/Black, 196 Hi-Vis Yellow/Black. **SIZE** C34-C50.



171

FAS® COTTON



940



## CRAFTSMAN TROUSERS WOMAN 253K FAS

Article no 100281

2 tuckable, CORDURA®-reinforced loose-hanging pockets, one with 3 small pockets and tool loops, the other with extra pocket / 2 large front and back pockets / D-ring / 2 hammer loops, one adjustable / CORDURA®-reinforced folding rule pocket with pen pocket and button and loop for sheath knife / Leg pocket with flap, mobile phone pocket and concealed ID card pocket / CORDURA®-reinforced knee pockets with outside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** FAS®, Fristsad best twill, 100% cotton. Pockets exposed to wear and tear reinforced with 100% CORDURA®. **WEIGHT** 375 g/m². **COLOUR** 541 Blue, 940 Black. **SIZE** C34-C50.



541



900



## CRAFTSMAN COTTON TROUSERS WOMAN 259 BM

Article no 100121

2 CORDURA®-reinforced loose-hanging pockets, one with extra pocket, one with 3 small pockets / 2 large front pockets / 2 large, CORDURA®-reinforced back pockets / D-ring / Hammer loop / Folding rule pocket over side seam with tool holder and pen pocket / Button and loop for sheath knife / Leg pocket with flap with extra pocket with concealed ID-card pocket / Mobile phone pocket with flap / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 100% cotton twill. **WEIGHT** 300 g/m². **COLOUR** 900 White. **SIZE** C34-C50.





**ACODE HOODED SWEAT JACKET WOMAN 1760 DF**  
Art no 124445> Page 237

**ACODE QUILTED WAISTCOAT WOMAN 1516 SCQ**  
Art no 117887> Page 234

FAS® COTTON  
WITH 4-WAY  
STRETCH PANELS

Rib-knitted  
stretch at waist



940



### CRAFTSMAN STRETCH TROUSERS WOMAN 2605 FASG

Article no 129868

Rib-knit stretch panels at waist / Thigh panels of 4-way stretch material / 2 CORDURA®-reinforced loose hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket / 2 front pockets / Side pocket with zip / 2 back pockets / Hammer loop / Double reinforced crotch seam / CORDURA®-reinforced folding rule pocket with button and loop for sheath knife / Leg pocket with zip and D-ring / CORDURA®-reinforced knee pockets with outside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg end / 3-needle stitching / Approved according to EN 14404 together with kneepads 124292 / OEKO-TEX® certified.

**MATERIAL** 100% cotton. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 375 g/m². Stretch fabric 250 g/m². **COLOUR** 940 Black. **SIZE** C34-C50.



**SWEAT JACKET WOMAN 7512 DF**  
Art no 127715> Page 236



# Stretch trousers for great comfort and fit



**ACODE SWEAT JACKET WOMAN 1758 DF**  
Art no 124444> Page 237

LIGHTWEIGHT  
4-WAY STRETCH  
PANELS



## SERVICE STRETCH TROUSERS WOMAN 2541 LWR

Article no 130805

Lightweight ripstop fabric / 4-way stretch panels at sides, waist, crotch and knees / Double crotch seam / 2 side pockets with zip / 2 back pockets with flap / Leg pocket with extra pocket with flap / Leg pocket with extra pocket and mobile phone pocket with flap / Adjustable leg length with 5 cm hem allowance / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. Stretch fabric 92% polyester, 8% elastane. **WEIGHT** 165 g/m². Stretch fabric 205 g/m². **COLOUR** 299 Khaki/Black, 540 Dark Navy, 579 Navy/Blue, 796 Army Green/Black, 896 Grey/Black, 940 Black. **SIZE** C32-C50.



BLACK 4-WAY  
STRETCH PANELS

See page 89 for  
more information



598

BLACK 4-WAY  
STRETCH PANELS



796



940



## SERVICE STRETCH TROUSERS WOMAN 2701 PLW

Article no 126516

4-way stretch panels on sides, yoke, gusset and knees / D-ring at waistband / 2 front pockets / 2 back pockets with water-repellent zip / 22 leg pockets with folding rule pocket and pocket with water-repellent zip. One with pen pockets, the other with mobile phone pocket with flap and velcro fastening and pen pockets / Adjustable leg length with 5 cm hem allowance / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. Stretch fabric 91% polyamide, 9% elastane. **WEIGHT** 220 g/m². Stretch 250 g/m². **COLOUR** 598 Navy/Black, 796 Army Green/Black, 896 Grey/Black, 940 Black. **SIZE** C34-C50.



## SERVICE STRETCH SHORTS WOMAN 2548 PLW

Article no 129739

4-way stretch panels at sides, yoke, crotch and knees / D-ring at waistband / 2 front pockets / 2 back pockets with water-repellent zip / 2 leg pockets with folding rule pocket and pocket with water-repellent zip. One with pen pockets, the other with mobile phone pocket with flap and velcro fastening and pen pockets / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. Stretch fabric 91% polyamide, 9% elastane. **WEIGHT** 220 g/m². Stretch 250 g/m². **COLOUR** 796 Army Green/Black, 940 Black. **SIZE** C34-C50.



CORDURA®  
DENIM  
FULL STRETCH

940



545



### SERVICE DENIM STRETCH TROUSERS WOMAN 2506 DCS

Article no 125976

CORDURA® denim 4-way stretch / 2 front pockets, one with coin pocket / 2 back pockets / Button fly / D-ring at waistband / Leg pocket with flap and velcro fastening, mobile phone pocket and pen pockets / Folding rule pocket / OEKO-TEX® certified.

**MATERIAL** 73% cotton, 17% polyamide, 8% elastomultiester, 2% elastane. **WEIGHT** 322 g/m². **COLOUR** 545 Indigo Blue, 940 Black. **SIZE** C32-C50.



CORDURA®  
DENIM  
FULL STRETCH



545



### DENIM STRETCH TROUSERS WOMAN 2624 DCS

Article no 131162

CORDURA® denim 4-way stretch / Zip fly / 2 front pockets, one with coin pocket / 2 back pockets / Reinforced rivets at stress points / OEKO-TEX® certified.

**MATERIAL** 73% cotton, 17% polyamide, 8% elastomultiester, 2% elastane. **WEIGHT** 322 g/m². **COLOUR** 545 Indigo Blue. **SIZE** C32-C50.



WOMEN



ACODE QUILTED WAISTCOAT WOMAN 1516 SCQ

Art no 117887> Page 234

ACODE FLEECE JACKET WOMAN 1474 MIC

Art no 111841> Page 236

SERVICE STRETCH TROUSERS WOMAN 2541 LWR

Art no 130805> Page 228





**ACODE HOODED SWEAT JACKET  
WOMAN 1760 DF**  
Art no 124445> Page 237

**CRAFTSMAN STRETCH TROUSERS  
WOMAN 2569 STP**  
Art no 129736> Page 225



**ACODE SOFTSHELL JACKET WOMAN 1416 SHI**  
Art no 124150> Page 235

**SERVICE DENIM STRETCH TROUSERS  
WOMAN 2506 DCS**  
Art no 125976> Page 229



**SOFTSHELL JACKET WOMAN 4558 LSH**  
Art no 129532> Page 232

**TROUSERS WOMAN 2554 STFP**  
Art no 129483> Page 232





940



PRO

### SERVICE TROUSERS WOMAN 2107 STFP

Article no 121674

Mechanical stretch fabric / Concealed front button / 2 front pockets / 2 back pockets / 2 leg pockets with flap and velcro fastening, mobile phone pocket with flap and velcro fastening and 2 pen pockets / Adjustable leg length with 5 cm hem allowance / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** C34-C50.



100% COTTON

Available as MTO –  
5 weeks delivery time



540



940



### JACKET WOMAN 4178 KC

Article no 130465

Front placket opening with zip and concealed snap fastening / 2 chest pockets with flap, one with pen pocket / Inside pocket / Inside mobile phone pocket with velcro / 2 front pockets / Adjustable waist and cuffs / Triple-needle stitching / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified / All sizes available as Make to order solution.

**MATERIAL** 100% cotton. **WEIGHT** 350 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** XS-4XL.



WOMEN

CORE

COLOUR 940  
SEE PAGE 9



540

941



940



PRO

### TROUSERS WOMAN 278 P154

Article no 100426

2 front pockets / 2 back pockets, one with flap / Leg pocket with inside folding rule pocket over side seam and three extra pockets / Leg pocket with outside mobile phone pocket with flap and velcro fastening / Triple-needle stitching / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 245 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** C34-C50.



100% COTTON

Available as MTO –  
5 weeks delivery time



940



540



### TROUSERS WOMAN 278 KC

Article no 130464

2 front pockets / 2 back pockets, one with flap / Leg pocket with inside folding rule pocket over side seam and 3 extra pockets / Leg pocket with flap and outside mobile phone pocket with flap / Triple-needle stitching / Adjustable leg length with 5 cm hem allowance / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified / All sizes available as make to order solution.

**MATERIAL** 100% cotton. **WEIGHT** 350 g/m². **COLOUR** 540 Dark Navy, 940 Black. **SIZE** C34-C50.



# Fristads Fusion

The complete range of our Fusion collection is presented on pages 72-85.

Dark grey reflective details



Colours 556, 586, 896, 982 and 996 are in stock. Others as MTO – 5 weeks delivery time



PRO

## JACKET WOMAN 4556 STFP

Article no 129529

Mechanical stretch fabric / Dark grey reflective details / Stand collar / Full length front zip with concealed snap fastening / 2 chest pockets with flap and concealed snap fastening / D-ring under chest pocket / 1 inner pocket with button fastening / 2 front pockets with zip / 4 pen pockets on left sleeve / Pocket with snap fastening on right sleeve / Adjustable waist and cuffs / CORDURA® reinforced elbows / Extended back / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified / Colour 299, 542, 796, 866 and 965 available as make to order solution / RFID chip can be added as a VAS solution.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 260 g/m². **COLOUR** 299 Khaki/Black, 542 Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** XS-4XL.



586

299 542 556 796 866 896 965 982 996



PRO

## TROUSERS WOMAN 2554 STFP

Article no 129483

Mechanical stretch fabric / Dark grey reflective details / Concealed front button / 2 front pockets / 2 back pockets / Double crotch seam / 2 thigh pockets / Leg pocket with extra pockets / Loop for folding ruler inside leg pocket / Leg pocket with flap and velcro fastening, mobile phone pocket and extra pocket with flap and velcro fastening, D-ring under flap / CORDURA® reinforced leg ends / Adjustable leg length with 5 cm hem allowance / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified / Colour 965 available as make to order solution / RFID chip can be added as a VAS solution.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 260 g/m². **COLOUR** 299 Khaki/Black, 542 Blue, 556 Navy/Hi-Vis Yellow, 586 Navy/Grey, 796 Army Green/Black, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 982 Black/Hi-Vis Yellow, 996 Black/Grey. **SIZE** C34-C50.



WINDPROOF,  
WATER  
REPELLENT,  
BREATHABLE  
LIGHTWEIGHT



941



## SOFTSHELL JACKET WOMAN 4558 LSH

Article no 129532

Breathable, windproof and water-repellent / Stretch material / Dark grey reflective details / Stand collar / Full length front zip / 2 front pockets / Elasticated ribbon at cuffs and hem / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 240 g/m². **COLOUR** 540 Dark Navy, 542 Blue, 740 Army Green, 940 Black, 941 Dark Grey. **SIZE** XS-4XL.



# Fristads Green Fusion

We can offer sustainable Fusion garments with environmental declaration.  
Read more on pages 75 and 80-81.



LIGHTWEIGHT  
SUSTAINABLE  
RECYCLED  
MATERIAL



940



540

LIGHTWEIGHT  
SUSTAINABLE  
RECYCLED  
MATERIAL



540



940



## GREEN JACKET WOMAN 4689 GRT

Article no 130720

Part of Fristads Green collection / Stand collar / Full length front zip with concealed snap fastening / 2 chest pockets with flap and concealed snap fastening / D-ring under chest pocket / 1 inner pocket with button fastening / 2 front pockets with zip / 4 pen pockets on left sleeve / Adjustable waist / Extended back / Leasing-laundry tested according to ISO 15797 / With EPD (Environmental Product Declaration) – registration number 1702 at [environdec.com](http://environdec.com) / OEKO-TEX® certified / RFID chip can be added as a VAS solution.

**MATERIAL** 65% recycled polyester, 35% lyocell. **WEIGHT** 260 g/m². **COLOUR** 540 Dark Navy, 940 Black.  
**SIZE** XS-3XL.



## GREEN TROUSERS WOMAN 2689 GRT

Article no 130721

Part of Fristads Green collection / 2 front pockets / 2 back pockets / Double crotch seam / 2 thigh pockets / Leg pocket with extra pockets / Loop for folding ruler inside leg pocket / Leg pocket with flap and velcro fastening, mobile phone pocket and extra pocket with flap and velcro fastening, D-ring under flap / CORDURA® reinforced leg ends / Adjustable leg length with 5 cm hem allowance / Leasing-laundry tested according to ISO 15797 / With EPD (Environmental Product Declaration) – registration number 1701 at [environdec.com](http://environdec.com) / OEKO-TEX® certified / RFID chip can be added as a VAS solution.

**MATERIAL** 65% recycled polyester, 35% lyocell. **WEIGHT** 260 g/m². **COLOUR** 540 Dark Navy, 940 Black.  
**SIZE** C34-C50.





WATER  
REPELLENT AND  
BREATHABLE



544

940



331



### ACODE SOFTSHELL WINTER JACKET WOMAN 1420 SW

Article no 119009

Water-repellent / Stretch material / Reinforcement on shoulders and sleeves / Quilted lining / Detachable hood adjustable with drawstring / Fleece lined collar / Front placket opening with zip to top of collar and concealed snap fastening / Map pocket with zip, accessible when garment is closed / 2 front pockets with zip / 2 inside pockets with zip / 2 inside pockets in mesh / Elastic inner cuffs / Adjustable hem with drawstring / Extended back / Zip in lining for easy embroidery and transfer / Waterpillar of fabric 5,000 mm.

**MATERIAL** 100% polyester. **WEIGHT** 200 g/m². **COLOUR** 331 Red, 544 Dark Navy, 940 Black. **SIZE** S-2XL.



LIGHTWEIGHT  
ALSO SUITABLE  
AS MID LAYER



940



### ACODE QUILTED WAISTCOAT WOMAN 1516 SCQ

Article no 117887

Elastic softshell panels at sides / Full-length front zip / 2 front pockets with zip / Elasticated ribbon at neck, armholes and hem.

**MATERIAL** 100% polyester. **WEIGHT** Quilted fabric: 160 g/m², softshell: 240 g/m². **COLOUR** 940 Black. **SIZE** S-2XL.



BEANIE 9108 AM

Art no 117227> Page 254

WINDPROOF,  
WATER  
REPELLENT,  
BREATHABLE



996



586



### ACODE SOFTSHELL JACKET WOMAN 1416 SHI

Article no 124150

Breathable, windproof and water-repellent / Stretch material / Fleece inside / Detachable hood adjustable with drawstring / Zip to top of collar with inside placket / Chest pocket with zip / 2 front pockets with zip / Adjustable cuffs / Adjustable hem with drawstring / Extended back / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 280 g/m². **COLOUR** 586 Navy/Grey, 996 Black/Grey. **SIZE** S-2XL.



WINDPROOF,  
WATER  
REPELLENT,  
BREATHABLE,  
LIGHTWEIGHT



544

900

940

941



331



### ACODE SOFTSHELL JACKET WOMAN 1477 SBT

Article no 113530

Breathable, windproof and water-repellent / Stretch material / Full-length front zip / Chest pocket with zip / 2 front pockets with zip / Adjustable cuffs / Adjustable hem with drawstring / Extended back / Waterpillar of fabric 8,000 mm / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 235 g/m². **COLOUR** 331 Red, 544 Dark Navy, 900 White, 940 Black, 941 Dark Grey. **SIZE** S-2XL.



WINDPROOF,  
WATER  
REPELLENT,  
BREATHABLE,  
LIGHTWEIGHT



940

941



544



### ACODE SOFTSHELL WAISTCOAT WOMAN 1507 SBT

Article no 113532

Breathable, windproof and water-repellent / Stretch material / Full-length front zip / Chest pocket with zip / 2 front pockets with zip / Adjustable hem with drawstring / Extended back / Waterpillar of fabric 8,000 mm / OEKO-TEX® certified.

**MATERIAL** 100% polyester. **WEIGHT** 235 g/m². **COLOUR** 544 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** S-2XL.



WOMEN

MICROFLEECE  
WITH A SMOOTH  
OUTSIDE



0

### ACODE FLEECE JACKET WOMAN 1474 MIC

Article no 111841

Full-length front zip with inner placket / Chest pocket with zip / 2 front pockets with zip / Extended back / Raglan sleeves / Thumb grip.

**MATERIAL** 95% polyester, 5% elastane. **WEIGHT** 270 g/m². **COLOUR** 531 Blue, 940 Black, 941 Dark Grey. **SIZE** S-2XL.



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### ACODE FLEECE JACKET WOMAN 1498 FLE

Article no 119011

Full-length front zip with inner placket / 2 front pockets with zip / Raglan sleeves / Elbow patches tone in tone / Elasticated edging at sleeve end / Thumb grip / Extended back.

**MATERIAL** Fleece, 100% polyester. **WEIGHT** 280 g/m². **COLOUR** 331 Red, 544 Dark Navy, 930 Grey, 940 Black. **SIZE** S-2XL.



DOUBLE FACE  
MATERIAL

RIPTOP  
REINFORCE-  
MENTS



DOUBLE FACE  
MATERIAL



D



### SWEAT JACKET WOMAN 7512 DF

Article no 127715

Double face fabric / Ripstop-reinforced front and sleeves / Full-length front zip / Chest pocket with zip / 2 front pockets with zip / Elasticated ribbon at cuffs and hem / Thumb grip / Reflective details on collar and sleeves / OEKO-TEX® certified.

**MATERIAL** 60% cotton, 40% polyester. Reinforcement 100% polyamide. **WEIGHT** 325 g/m². Reinforcement 110 g/m². **COLOUR** 796 Army Green/Black, 996 Black/Grey. **SIZE** XS-3XL.



0

### ACODE SWEAT JACKET WOMAN 1748 DF

Article no 110170

Double face fabric / Full-length front zip / Chest pocket with zip / 2 front pockets / Rib-knit cuffs and hem / Flat lock stitchings.

**MATERIAL** 80% cotton, 20% polyester. **WEIGHT** 320 g/m². **COLOUR** 543 Midnight Blue, 940 Black, 941 Dark Grey. **SIZE** S-2XL.





**BELT 9955 CW**

Art no 129762&gt; Page 256

**SERVICE STRETCH TROUSERS  
WOMAN 2701 PLW**

Art no 126516&gt; Page 228

**ACODE POLO SHIRT WOMAN 7651 PIQ**

Article no 129477

Contrast colour on shoulders and side panels / Flat-knit collar and cuffs / Front placket with concealed button fastening / Raglan sleeves / OEKO-TEX® certified.

**MATERIAL** 100% cotton. 894 Grey/Dark Grey: 85% cotton, 15% viscose. **WEIGHT** 230 g/m².**COLOUR** 586 Navy/Grey, 894 Grey/Dark Grey, 996 Black/Grey. **SIZE** S-2XL.DOUBLE FACE  
MATERIALDOUBLE FACE  
MATERIAL**ACODE HOODED SWEAT JACKET WOMAN 1760 DF**

Article no 124445

Double face fabric / Adjustable hood with drawstring / Full length front zip / Raglan sleeves / 2 front pockets with zip / Rib-knit cuffs and hem.

**MATERIAL** 60% cotton, 40% polyester. 894 Grey/Dark Grey: 65% cotton, 25% polyester, 10% viscose. **WEIGHT** 325 g/m². **COLOUR** 894 Grey/Dark Grey, 996 Black/Grey. **SIZE** S-2XL.**ACODE SWEAT JACKET WOMAN 1758 DF**

Article no 124444

Double face fabric / Full length front zip / Raglan sleeves / 2 front pockets with zip / Rib-knit cuffs and hem.

**MATERIAL** 60% cotton, 40% polyester. 910 Light Grey: 65% cotton, 25% polyester, 10% viscose. **WEIGHT** 325 g/m². **COLOUR** 540 Dark Navy, 910 Light Grey, 940 Black. **SIZE** S-2XL.



TRANSPORTS  
MOISTURE  
DRIES QUICKLY



### ACODE COOLPASS POLO SHIRT WOMAN 1717 COL

Article no 100216

CoolPass fibre / Breathable / Transports moisture / Quick drying / Collar in self fabric / Front placket without buttons.

**MATERIAL** 100% polyester. **WEIGHT** 150 g/m². **COLOUR** 544 Dark Navy, 900 White, 940 Black. **SIZE** S-2XL.



### ACODE HEAVY POLO SHIRT WOMAN 1723 PIQ

Article no 100221

Flat-knit collar and cuffs / Front placket with button fastening / Side vents.

**MATERIAL** 100% cotton (910 Light Grey 90% cotton, 10% viscose). **WEIGHT** 230 g/m².

**COLOUR** 331 Red, 544 Dark Navy, 900 White, 910 Light Grey, 940 Black, 941 Dark Grey. **SIZE** S-2XL.



STRETCH  
FABRIC



### ACODE STRETCH POLO SHIRT WOMAN 1798 JLS

Article no 116773

Flat-knit collar and cuffs / Front placket with button fastening / Side vents.

**MATERIAL** 95% cotton, 5% elastane. **WEIGHT** 180 g/m². **COLOUR** 544 Dark Navy, 940 Black. **SIZE** S-2XL.



## CORE

COLOUR 940  
SEE PAGE 9



### ACODE HEAVY T-SHIRT WOMAN 1917 HSJ

Article no 100245

Round neck / Side seams / OEKO-TEX® certified.

**MATERIAL** 100% cotton (910 Light Grey 85% cotton, 15% viscose). **WEIGHT** 190 g/m². **COLOUR** 331 Red, 544 Dark Navy, 900 White, 910 Light Grey, 940 Black. **SIZE** S-2XL.



STRETCH



### ACODE STRETCH T-SHIRT WOMAN 1926 ELA

Article no 124215

Stretch material / Round neck / Side seams.

**MATERIAL** 95% cotton, 5% elastane. **WEIGHT** 185 g/m². **COLOUR** 900 White, 940 Black. **SIZE** XS-3XL.



WOMEN

STRETCH



### ACODE LONG SLEEVE STRETCH T-SHIRT WOMAN 1927 ELA

Article no 124214

Stretch material / Round neck / Long sleeves / Side seams.

**MATERIAL** 95% cotton, 5% elastane. **WEIGHT** 185 g/m². **COLOUR** 900 White, 940 Black. **SIZE** XS-3XL.





# High visibility

Read more about our high-visibility products, our materials and see the complete range on pages 140-171.



**HIGH VIS AIRTECH® WINTER JACKET  
WOMAN CLASS 3 4037 GTT**  
Art no 126547> Page 245

**HIGH VIS T-SHIRT WOMAN CLASS 2 7458 THV**  
Art no 129515> Page 243

**HIGH VIS SWEAT JACKET WOMAN CLASS 3 7427 SHV**  
Art no 126535> Page 243

**HIGH VIS SOFTSHELL JACKET WOMAN CLASS 2 4183 WYH**  
Art no 125023> Page 245

**HIGH VIS CRAFTSMAN STRETCH TROUSERS  
WOMAN CLASS 2 2710 PLU**  
Art no 127737> Page 241

**HIGH VIS TROUSERS WOMAN CLASS 2 2135 PLU**  
Art no 111191> Page 242

**HIGH VIS STRETCH TROUSERS WOMAN CLASS 1 2708 PLU**  
Art no 127735> Page 241

4-WAY STRETCH  
PANELS

Colour 396 available  
as MTO – 5 weeks  
delivery time



171



## HIGH VIS STRETCH TROUSERS WOMAN CLASS 1 2708 PLU

Article no 127735

Stretch panels at sides, yoke and crotch / 2 side pockets / D-ring / 2 back pockets with zip / Double reinforced crotch seam / Large bellowed leg pocket with folding rule pocket and document pocket with velcro fastening / Multifunction leg pocket with phone pocket, ID-card pocket, zip pocket and folding rule pocket / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg end / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / Approved after 25 washes / OEKO-TEX® certified / Colour 396 available as make to order solution.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 300 g/m². Stretch fabric 250 g/m². **COLOUR** 171 Hi-Vis Yellow/Black, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** C34-C50.



4-WAY STRETCH  
PANELS

Colour 396 available  
as MTO – 5 weeks  
delivery time



171



## HIGH VIS CRAFTSMAN STRETCH TROUSERS WOMAN CLASS 1 2709 PLU

Article no 127736

Stretch panels at sides, yoke and crotch / 2 CORDURA®-reinforced loose-hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket / 2 side pockets / D-ring / 2 back pockets with zip / Double reinforced crotch seam / Hammer loop / Folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket and zip pocket / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg end / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / Approved after 25 washes / OEKO-TEX® certified / Colour 396 available as make to order solution.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 300 g/m². Stretch fabric 250 g/m². **COLOUR** 171 Hi-Vis Yellow/Black, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** C34-C50.



4-WAY STRETCH  
PANELS

See page 145 for  
more information

Colour 396 available  
as MTO – 5 weeks  
delivery time



271



## HIGH VIS CRAFTSMAN STRETCH TROUSERS WOMAN CLASS 2 2710 PLU

Article no 127737

Stretch panels at sides, yoke and crotch / 2 CORDURA®-reinforced loose-hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket / 2 side pockets / D-ring / 2 back pockets with zip / Double reinforced crotch seam / Hammer loop / Folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Multifunction leg pocket with phone pocket, ID-card pocket and zip pocket / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg end / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 2 / Approved after 25 washes / OEKO-TEX® certified / Colour 396 available as make to order solution.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Stretch fabric 91% nylon, 9% elastane. **WEIGHT** 300 g/m². Stretch fabric 250 g/m². **COLOUR** 171 Hi-Vis Yellow/Black, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** C34-C50.



4-WAY STRETCH  
PANELS



130



## HIGH VIS STRETCH SHORTS WOMAN CL 1 2529 PLU

Article no 129738

4-way stretch panels at sides, yoke and crotch / 2 CORDURA®-reinforced loose hanging pockets, one with 3 smaller pockets and tool loops, the other with extra pocket / D-ring under loose hanging pocket / 2 front pockets / Hammer loop / 2 back pockets with zip / Folding rule pocket with tool pocket, pen pocket, button and loop for sheath knife / Leg pocket with zip and D-ring, phone pocket with velcro fastening and extra pocket / Approved according to EN ISO 20471 class 1 / Approved after 25 washes / OEKO-TEX®-certified.

**MATERIAL** 80% polyester, 20% cotton. 65% polyester, 35% cotton. Stretch fabric 55% elastomultiester, 45% polyester. **WEIGHT** 300 g/m², 300 g/m². Stretch fabric 218 g/m². **COLOUR** 130 Hi-Vis Yellow. **SIZE** C34-C50.







**HIGH VIS JACKET WOMAN CLASS 3 4129 PLU**  
Art no 119623> Page 242  
**HIGH VIS CRAFTSMAN TROUSERS WOMAN CLASS 1 2129 PLU**  
Art no 111190> Page 243

Colour 396 available  
as MTO – 5 weeks  
delivery time

Value added service:  
Opening for safety harness  
see 124177 page 149



## HIGH VIS JACKET WOMAN CLASS 3 4129 PLU

Article no 119623

Front placket opening with zip to top of collar and snap fastening / 2 chest pockets with zip / 1 bellowed chest pocket with flap and snap fastening, D-ring, ID-card holder and penstrap / 2 front pockets with zip / Inside phone pocket with velcro fastening / Inside pocket with button / Adjustable waist and cuffs / Extended back / Reflective detail on shoulders / Approved according to EN ISO 20471 class 2 – sizes XS-M and class 3 – sizes L-3XL / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colour 396 available as make to order solution / Opening in back for safety harness can be added as a VAS solution.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. **WEIGHT** 500 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-3XL.



Colour 396 available  
as MTO – 5 weeks  
delivery time



## HIGH VIS TROUSERS WOMAN CLASS 2 2135 PLU

Article no 111191

2 front pockets / D-ring at waistband / 2 back pockets with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knives / Reinforced thigh panels in contrast colour / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 – sizes C34-C40 and class 2 – sizes C42-C52 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colour 396 available as make to order solution.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Reinforcement in 100% polyamide. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** C34-C52.



Colour 396 available  
as MTO – 5 weeks  
delivery time



## HIGH VIS CRAFTSMAN TROUSERS WOMAN CLASS 2 2125 PLU

Article no 111189

2 tuckable, CORDURA® reinforced loose-hanging pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 front pockets / D-ring at waistband / 2 back pockets, 1 with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Hammer loop / CORDURA®-reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knives / Reinforced thigh panels in contrast colour / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA®-reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 – sizes C34-C40 and class 2 – sizes C42-C52 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colour 396 available as make to order solution.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Reinforcement in 100% polyamide. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** C34-C52.





Colour 396 available  
as MTO – 5 weeks  
delivery time



171



### HIGH VIS TROUSERS WOMAN CLASS 1 2139 PLU

Article no 111192

2 front pockets / D-ring at waistband / 2 back pockets with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knives / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colour 396 available as make to order solution.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Reinforcement in 100% polyamide. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** C34-C52.



TRANSPORTS  
MOISTURE  
COTTON ON  
THE INSIDE



230

330



### HIGH VIS T-SHIRT WOMAN CLASS 2 7458 THV

Article no 129515

Rib-knit neck / Striped reflective transfer / Side vents / Cotton inside / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties and EN ISO 20471 class 2 / OEKO-TEX® certified.

**MATERIAL** 55% cotton, 45% polyester. **WEIGHT** 190 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. **SIZE** XS-3XL.



130

WOMEN

Colour 396 available  
as MTO – 5 weeks  
delivery time



271



### HIGH VIS CRAFTSMAN TROUSERS WOMAN CLASS 1 2129 PLU

Article no 111190

2 tuckable CORDURA® reinforced loose-hanging front pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 front pockets / D-ring at waistband / 2 back pockets, 1 with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and ID-card pocket / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knives / Pre-shaped knees / CORDURA® reinforced knee pockets with inside / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292 and EN ISO 20471 class 1 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colour 396 available as make to order solution.

**MATERIAL** 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. Reinforcement in 100% polyamide. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** C34-C52.



230

330



### HIGH VIS SWEAT JACKET WOMAN CLASS 3 7427 SHV

Article no 126535

Full-length front zip with inside placket / Chest pocket with vertical zip / 2 front pockets with zip / Rib-knit cuffs and hem / Approved according to EN 13758-2 UPF 40+ Solar UV Protective Properties and EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-4XL / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% polyester, 25% cotton. **WEIGHT** 305 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. **SIZE** XS-4XL.



130



BEANIE 9134 AM

Art no 125033> Page 254

HIGH VIS AIRTECH® WINTER JACKET

WOMAN CLASS 3 4037 GTT

Art no 126547> Page 245



Colour 396 available  
as MTO – 5 weeks  
delivery time

WATERPROOF,  
WINDPROOF,  
BREATHABLE



### HIGH VIS AIRTECH® SHELL JACKET WOMAN CLASS 3 4518 GTT

Article no 127663

Airtech® breathable, wind and waterproof / Detachable and adjustable hood / Fleece-lined collar / Reflective detail on shoulders / Front placket opening with zip to top of collar and velcro fastening / 2 chest pockets with zip / ID-card pocket / Map pocket with inside mobile phone pocket, accessible when garment is closed / 2 fleece-lined front pockets with zip / 2 inside pockets with zip / Adjustable sleeve ends / Elastic inner cuff with thumb grip / Adjustable hem with drawstring / Extended back / Mesh lining / Zip in lining for easy embroidery and transfer / Waterpillar 10.000 mm / Breathability Airtech® material RET <12 / Approved according to EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-3XL and EN 343 class 3/3 / Colour 271 is approved according to RIS-3279-TOM: 2016 Issue 1 UK Railway Standard / Approved after 25 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colour 396 available as make to order solution.

**MATERIAL** Airtech®, 100% polyester, breathable, wind and waterproof. Lining: 100% polyester. **WEIGHT** Outer fabric 150 g/m², lining 65 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-3XL.



Colour 396 available  
as MTO – 5 weeks  
delivery time

WATERPROOF,  
WINDPROOF,  
BREATHABLE



### HIGH VIS AIRTECH® WINTER JACKET WOMAN CLASS 3 4037 GTT

Article no 126547

Airtech® breathable, wind and waterproof / Quilted lining / Detachable and adjustable lined hood / Fleece-lined collar / Reflective detail on shoulders / Front placket opening with zip to top of collar and concealed snap fastening / 2 chest pockets with zip / ID-card pocket / Map pocket with inside mobile phone pocket, accessible when garment is closed / 2 fleece-lined front pockets with zip / 2 inside pockets with zip / Ventilating mesh in armhole / Adjustable sleeve ends / Elastic inner cuff with thumb grip / Adjustable hem with drawstring / Extended back / Zip in lining for easy embroidery and transfer / Waterpillar 10.000 mm / Breathability Airtech® material RET <12 / Approved according to EN class 2 – sizes XS-S and class 3 – sizes M-3XL, EN 342 and EN 343 class 3/1. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3 / Colour 271 is approved according to RIS-3279-TOM: 2016 Issue 1 UK Railway Standard / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified / Colour 396 available as make to order solution.

**MATERIAL** Airtech®, 100% polyester, breathable, wind and waterproof. Quilted lining: 100% polyester. **WEIGHT** Outer fabric 150 g/m², lining 190 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-3XL.



Colour 396 available  
as MTO – 5 weeks  
delivery time

WINDPROOF,  
WATER  
REPELLENT,  
BREATHABLE



### HIGH VIS SOFTSHELL JACKET WOMAN CLASS 2 4183 WYH

Article no 125023

Breathable, windproof and water-repellent / Stretch material / Full-length front zip with inside placket / Map pocket with zip / ID-card pocket / 2 front pockets with zip / Inside phone pocket with velcro fastening / Inside pocket with zip / Adjustable cuffs with velcro fastening / Adjustable hem with drawstring / Extended back / Approved according to EN ISO 20471 class 2 / OEKO-TEX® certified / Colour 396 available as make to order solution.

**MATERIAL** 100% polyester. **WEIGHT** 305 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-3XL.



Colour 396 available  
as MTO – 5 weeks  
delivery time

DURABLE  
DIRT, OIL  
AND WATER  
REPELLENT



### HIGH VIS WINTER JACKET WOMAN CLASS 3 4143 PP

Article no 131110

Polydex, dirt, oil and water repellent / Quilted lining / Reflective detail on shoulders / Detachable lined hood with adjustment strap and drawstring / Fleece-lined collar / Front placket opening with zip to top of collar and snap fastening / Bellowed chest pocket with flap and hidden snap fastening, ID card pocket and D-ring inside and vertical pocket with zip / Chest pocket with zip / Map pocket with inside mobile phone pocket, accessible when garment is closed / 2 front pockets with zip / 2 inside pockets with zip / Adjustable sleeve end with elastic inner cuff with thumb grip / Adjustable hem with drawstring / Extended back / Zip in lining for easy embroidery and transfer / Approved according to EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-3XL and EN 342 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified / Colour 396 available as make to order solution.

**MATERIAL** Polydex, 100% polyester, dirt, oil and water repellent. Quilted lining 100% polyester. **WEIGHT** Outer fabric 255 g/m², lining 190 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** XS-3XL.





# Flame protection

Read more about our flame-protective products and materials, and see the complete range on pages 172-221.

## Flamestat

High-performance garments with inherent flame protection. See the full collection on pages 181-196.



**FLAMESTAT HIGH VIS JACKET WOMAN CLASS 3 4275 ATHS**  
Art no 122195> Page 246

**FLAMESTAT HIGH VIS CRAFTSMAN TROUSERS WOMAN CLASS 2 2775 ATHS**  
Art no 122196> Page 247

APPROVED  
FOR WELDING



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### FLAMESTAT HIGH VIS JACKET WOMAN CLASS 3 4275 ATHS

Article no 122195

Dirt, oil and water-repellent / Reflective detailing on shoulders / Front placket opening with zip to top of collar and concealed snap fastening / 1 chest pocket with bellowed pocket bag, inside D-ring, pen strap and concealed snap fastening / 1 chest pocket with zip fastening / 2 front pockets with concealed snap fastening / Inside pockets with button / Inside mobile phone pocket with velcro fastening and loop for mobile phone earpiece / Adjustable waist and cuffs / Reflective tape around sleeves / Extended back / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12,8 cal/cm² HAF: 84,2% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 class 2 – sizes XS-M and class 3 – sizes L-3XL / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



WINDPROOF,  
WATER  
REPELLENT,  
STRETCH  
MATERIAL  
APPROVED FOR  
WELDING

Hood 130239 can be  
attached. See page 194



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### FLAMESTAT HIGH VIS SOFTSHELL JACKET WOMAN CLASS 3 4076 FSS

Article no 130238

Windproof and water-repellent / Stretch quality / Front placket opening with zip to top of collar and concealed snap fastening / Concealed buttons in collar for attachment of hood 130239 / 1 chest pockets with zip / Microphone holder on left front side / 2 front pockets with zip / Elasticated ribbon at sleeve end / Adjustable hem with drawstring / Metal free / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 ATPV: 28 cal/cm² HAF: 92,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN ISO 11611 A1 Class 2, EN 13034 Type PB [6], EN ISO 20471 class 2 – sizes XS-M and class 3 – sizes L-3XL / OEKO-TEX® certified.

**MATERIAL** 47% modacryl, 37% cotton, 12% polyurethane, 2% polyamide, 1% anti-static fibre, 1% elastane. **WEIGHT** 365 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.





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### FLAMESTAT HIGH VIS CRAFTSMAN TROUSERS WOMAN CLASS 1 2777 ATHS

Article no 126518

Dirt, oil and water-repellent / 2 tuckable, CORDURA® reinforced loose-hanging pockets, 1 with 3 small pockets and tool loops and 1 with extra pocket / 2 front pockets / D-ring at waistband / 2 CORDURA® reinforced back pockets with flaps and velcro fastening / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening and D-ring / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / 2-needle stitching on reflective tape / Adjustable leg length with 5 cm hem allowance / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12,8 cal/cm² HAF: 84,2% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5 and EN ISO 20471 class 1 / Fabric is approved according to EN 13034 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Reinforcement: 79% cotton, 20% polyamide, 1% anti-static fibre. **WEIGHT** 300 g/m², reinforcement 280 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C34-C50.



APPROVED  
FOR WELDING



171



### FLAMESTAT HIGH VIS TROUSERS WOMAN CLASS 1 2776 ATHS

Article no 122197

Dirt, oil and water-repellent / 2 front pockets / D-ring at waistband / 2 CORDURA® reinforced back pockets with flaps / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening and D-ring / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, button and loop for sheath knife / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / 2-needle stitching on reflective tape / Adjustable leg length with 5 cm hem allowance / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12,8 cal/cm² HAF: 84,2% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 cl 1 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C34-C50.



STRETCH  
MATERIAL  
LIGHTWEIGHT

Read more on  
page 183



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### FLAMESTAT HIGH VIS CRAFTSMAN TROUSERS WOMAN CLASS 2 2775 ATHS

Article no 122196

Dirt, oil and water repellent / 2 tuckable, CORDURA® reinforced, loose-hanging front pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 front pockets / D-ring at waistband / 2 CORDURA®-reinforced back pockets one with flap / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening and D-ring / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, button and loop for sheath knife / Reinforced thigh panels in contrast colour / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 class 1, EN 61482-1-1 EBT: 12,8 cal/cm² HAF: 84,2% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5 and EN ISO 20471 class 2 / Fabric is approved according to EN 13034 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 300 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C34-C50.



### FLAMESTAT HIGHVIS STRETCH CRAFTSMAN TROUSERS WOMAN CLASS 1 2171 ATHF

Article no 129521

Stretch fabric / Dirt, oil and water repellent / 2 front pockets / 2 CORDURA® reinforced loose-hanging pockets, 1 with 3 small pockets and tool loops and 1 with extra pocket / 2 CORDURA® reinforced back pockets, one with with flap and concealed snap fastening / Double crotch seam / Hammer loop / CORDURA® reinforced folding rule pocket with pen holder and button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening, D ring under flap / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg ends / Reinforced 2 needle stitching on reflective tape / Approved according to EN 14404 together with kneepads 124292, EN 61482-1-2 Class 1, EN 61482-1-1 EBT: 10,3 cal/cm² HAF: 80% (see Electric arc table for certified garments combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5 and EN ISO 20471 class 1 / Fabric is approved according to EN 13034 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 34% cotton, 17% polyamide, 2% elastane, 2% anti-static fibre. **WEIGHT** 265 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C34-C50.



ELECTRIC ARC  
ELIM  
9,5 CAL/CM<sup>2</sup>



556



### FLAMESTAT LONG SLEEVE T-SHIRT WOMAN 7358 TFL

Article no 131148

V-neck / Raglan sleeves / Rib-knit neck and cuffs / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ELIM: 9,5 cal/cm<sup>2</sup>, EN ISO 11612 A1 A2 B1 C1 F1 and EN 1149-5 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 54% modacrylic, 44% cotton, 2% anti-static fibre. **WEIGHT** 270 g/m<sup>2</sup>.

**COLOUR** 556 Navy/Hi-Vis Yellow. **SIZE** S-4XL.



ELECTRIC ARC  
ELIM  
9,5 CAL/CM<sup>2</sup>



### FLAMESTAT HIGH VIS LONG SLEEVE T-SHIRT WOMAN CLASS 3 7357 TFL

Article no 131146

V-neck / Raglan sleeves / Rib-knit neck and cuffs / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ELIM: 9,5 cal/cm<sup>2</sup>, EN ISO 11612 A1 A2 B1 C1 F1, EN 1149-5 and EN ISO 20471 class 2 – sizes S-L and class 3 – sizes XL-4XL / Approved after 25 washes / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 54% modacrylic, 44% cotton, 2% anti-static fibre. **WEIGHT** 270 g/m<sup>2</sup>.

**COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** S-4XL.



540



### FLAMESTAT LONG SLEEVE T-SHIRT WOMAN 7098 TFLH

Article no 129523

Reflective detailing on shoulders / Raglan sleeves / Rib-knit neck and cuffs / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 5,9 cal/cm<sup>2</sup> HAF: 78,9% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 and EN 1149-5 / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 60% modacryl, 37% cotton, 3% anti-static fibre. **WEIGHT** 230 g/m<sup>2</sup>. **COLOUR** 540 Dark Navy.

**SIZE** S-3XL.



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### FLAMESTAT HIGH VIS LONG SLEEVE T-SHIRT WOMAN CLASS 3 7097 TFLH

Article no 129522

Raglan sleeves / Rib-knit neck and cuffs / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 5,9 cal/cm<sup>2</sup> HAF: 78,9% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1, EN 1149-5 and EN ISO 20471 class 2 – sizes S-L and class 3 – sizes XL-3XL / Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 60% modacrylic, 37% cotton, 3% anti-static fibre. **WEIGHT** 230 g/m<sup>2</sup>.

**COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** S-3XL.





NEW

ELECTRIC ARC  
ELIM  
9,5 CAL/CM²



171



### FLAMESTAT HIGH VIS LONG SLEEVE T-SHIRT WOMAN CLASS 1 7108 TFL

Article no 133269

V-neck / Raglan sleeves / Rib-knitted neck and cuffs / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ELIM: 9,5 cal/cm², EN ISO 11612 A1 A2 B1 C1 F1, EN 1149-5 and EN ISO 20471 class 1 / Approved after 25 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 54% modacrylic, 44% cotton, 2% anti-static fibre. **WEIGHT** 270 g/m².

**COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** S-4XL.



540



### FLAMESTAT SHIRT WOMAN 7099 ATS

Article no 129524

Reflective detailing on shoulders / Concealed snap fastening under front placket / Cuffs with concealed snap fastening / 2 chest pockets with flap and concealed snap fastenings, 1 with pen loops / Extended back / Metal-free garment / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 9,9 cal/cm² HAF: 78,0% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 A2 B1 C1 F1, EN 1149-5 and EN 13034 Type PB [6] / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 54% modacrylic, 44% cotton, 2% anti-static fibre. **WEIGHT** 230 g/m². **COLOUR** 540 Dark Navy. **SIZE** S-3XL.



APPROVED  
FOR WELDING

Hood 125064 can be  
attached. See page 195



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### FLAMESTAT HIGH VIS WINTER JACKET WOMAN CLASS 3 4285 ATHS

Article no 129548

Dirt, oil and water-repellent / Fully lined with fleece in body and silky and soft quilted lining in sleeve / Reflective detailing on shoulders / Front placket opening with zip to top of collar and concealed snap fastening / Fleece-lined collar with snap fastening for attachable hood, 125064 / 1 chest pocket with bellowed pocket bag, inside D-ring, pen strap and concealed snap fastening / 1 chest pocket with zip fastening / Buttons and loop for sheath knife on left chest / Microphone holder on left front side / 2 fleece-lined front pockets with concealed snap fastening / Map pocket with inside mobile phone pocket accessible from outside / 2 inside pockets 1 with button and 1 mobile phone pocket with velcro fastening and earpiece loop / Elastic cuffs inside sleeves / Extended back / Adjustable drawstring at hem / Zip in lining for easy embroidery and transfer / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 main fabric EBT: 26,4 cal/cm² HAF: 93,2% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and for open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5, EN 13034 Type PB [6], EN 342 and EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-3XL / Approved after 25 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre, dirt, oil and water repellent. Fleece lining 50% modacryl, 30% cotton, 18% polyester, 2% anti-static fibre. Silky quilted lining 40% modacrylic, 37% viscose FR, 22% viscose, 1% anti-static fibre. **WEIGHT** Outer fabric 300 g/m², fleece lining 370 g/m², silky quilted lining 260 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



WATER- AND  
WINDPROOF,  
BREATHABLE  
MULTINORM

Unisex shell trousers  
see page 181

Read more on  
page 181



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### FLAMESTAT HIGH VIS GORE-TEX PYRAD® SHELL JACKET WOMAN CLASS 3 4195 GXE

Article no 129742

2-layer GORE-TEX PYRAD® material, wind and waterproof but breathable / Dirt and oil repellent / Fully lined / Reflective detail on shoulders / Detachable lined hood with adjustable strap and drawstring / Storm flap with zip to top of collar and velcro fastening / 2 chest pockets with flap with velcro fastening and zip, 1 with D-ring / 2 front pockets with flap with velcro fastening and zip / 2 inside pockets, 1 with button and 1 with zip / Adjustable sleeve end / Elastic inner cuffs / Adjustable hem with drawstring / Zip in lining to make embroidery and transfer easier / Metal-free garment / Waterproof > 10.000mm / ePTFE membrane / Breathability RET 8,33 / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 EBT: 49,1 cal/cm² HAF: 94,8% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 A2 B2 C1 D3 E1 F1, EN ISO 11611 A1 A2 class 2, EN 1149-5, EN 13034 type PB [6], EN ISO 20471 class 2 – sizes XS-S and class 3 – sizes M-3XL and EN 343 class 3/3 / Approved after 30 washes / OEKO-TEX® certified.

**MATERIAL** 99,4% polyester, 0,6% carbon, 2-layer GORE-TEX PYRAD® material, wind and waterproof but breathable. Lining: 50% meta-aramide, 50% viscose FR. **WEIGHT** 220 g/m², lining 130 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



# Flamestat underwear

Go to pages 210-213 where all our unisex underwear are presented.



940



## FLAMESTAT BRA 7105 MOF

Article no 131145

Adjustable straps / Double layer of fabric at front / Padded / Hook and eye closure / Elastic rib at hem / Approved according to EN ISO 14116 Index 3 (fabric is approved according to EN ISO 11612 A1 B1 C1 F1 and EN 61482-1-2 class 1) and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** 75 A-C, 80 A-C, 85 B-D, 90 C-D, 95 C-D.



940



## FLAMESTAT BRA 7036 MOF

Article no 121643

Racer back / Double layer of fabric at front / Elastic rib at bottom / Approved according to EN ISO 14116 Index 3 (fabric is approved according to EN ISO 11612 A1 B1 C1 F1 and EN 61482-1-2 class 1) and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** S-2XL.



940



## FLAMESTAT BRIEFS 7022 MOF

Article no 122230

Elasticated waist / Approved according to EN ISO 14116 Index 3 (fabric is approved according to EN ISO 11612 A1 B1 C1 F1 and EN 61482-1-2 class 1) and EN 1149-5 / OEKO-TEX® certified.

**MATERIAL** 58% modacrylic, 37% cotton, 3% elastane, 2% anti-static fibre. Inherent flame protection. **WEIGHT** 240 g/m². **COLOUR** 940 Black. **SIZE** S-XL.



## FLAMESTAT DEVOLD® LONG JOHNS WOMAN 7432 UL

Article no 109843

2-layer / Elasticated waist / Approved according to EN 61482-1-2 class 1 and EN ISO 11612 A1 A2 B1 C1 / OEKO-TEX® certified.

**MATERIAL** 50% viscose FR, 50% merino wool. Inherent flame protection. **WEIGHT** 230 g/m². **COLOUR** 940 Black. **SIZE** XS-XL.



940



## Flame-protected accessories

See page 214

# Flame

Comfortable flame-retardant treated garments with high level of protection. See the complete collection on pages 197-209



APPROVED FOR WELDING

171



## FLAME HIGH VIS JACKET WOMAN CLASS 3 4590 FLAM

Article no 125952

Front placket opening with zip to top of collar and concealed snap fastening / 2 bellowed chest pockets with flap and concealed snap fastening, 1 with inside D-ring / 2 front pockets with concealed snap fastening / Inside pocket with button fastening and mobile phone pocket with flap and velcro fastening / Adjustable waist with button / Adjustable cuffs with snap fastening / Extended back / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 10,6 cal/cm² HAF: 80,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5 and EN ISO 20471 class 2 – sizes XS-M and class 3 – sizes L-3XL / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. **WEIGHT** 365 g/m².

**COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** XS-3XL.



APPROVED FOR WELDING

171



## FLAME HIGH VIS TROUSERS WOMAN CLASS 1 2591 FLAM

Article no 125951

2 front pockets / 2 CORDURA® reinforced back pockets with flap and concealed snap fastening / Double reinforced crotch seam / Hammer loop / CORDURA® reinforced folding rule pocket with flap and concealed snap fastening and button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening and D-ring / Aramide-reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Aramide-reinforced thigh panels / CORDURA® reinforced leg end / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 10,6 cal/cm² HAF: 80,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 E2 F1, EN ISO 11611 A1 class 1 (see Flame and welding table for certified garment combinations), EN 1149-5, EN ISO 20471 class 1 and EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Reinforcement: 74% cotton, 25% para-aramid, 1% anti-static fibre. CORDURA® reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 365 g/m², reinforcement 340 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C34-C50.



171



## FLAME HIGH VIS CRAFTSMAN TROUSERS WOMAN CLASS 2 2589 FLAM

Article no 125950

2 CORDURA® reinforced, loose-hanging front pockets, 1 with 3 pockets and tool loops and 1 with extra pocket / 2 front pockets / 2 CORDURA® reinforced back pockets, 1 with flap and concealed snap fastening / Double reinforced crotch seam / Hammer loop / CORDURA® reinforced folding rule pocket with pen pocket and button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening and D-ring / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / CORDURA® reinforced leg end / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 10,6 cal/cm² HAF: 80,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN ISO 20471 class 2 and EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 365 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. **SIZE** C34-C50.



540



## FLAME CRAFTSMAN TROUSERS WOMAN 2730 FLAM

Article no 125954

2 CORDURA® reinforced, loose-hanging front pockets, 1 with 3 pockets and tool loops and 1 with extra pocket / 2 front pockets / 2 CORDURA® reinforced back pockets / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, concealed button and loop for sheath knife / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening / CORDURA® reinforced knee pockets with inside opening / Height adjustment for knee pads in knee pocket / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 10,6 cal/cm² HAF: 80,4% (see Electric arc table for certified garment combinations for EN 61482-1-2 class 2 and open arc according to EN 61482-1-1), EN ISO 11612 A1 B1 C1 F1, EN 1149-5 and EN 14404 together with kneepads 124292 / Approved after 50 washes / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

**MATERIAL** 75% cotton, 24% polyester, 1% anti-static fibre. Reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 365 g/m². **COLOUR** 540 Dark Navy. **SIZE** C34-C50.



WOMEN





# Accessories

Supplement your workwear

We created this range of accessories for your extra protection and comfort at work. Perfectly complementing the Fristads design and technical functions, these items also add to your style and appearance throughout a hard day's work.

## CORE

SEE PAGE 9

Read more  
on page 43



896



EN 14404

### KNEE PROTECTION 9200 KP

Article no 124292

Front shield protects from penetration / Lightweight / Very flexible / Thickness 20 mm / Width 160 mm / Length 245 mm / Approved according to EN 14404 type 2 level 1 and EN 11612 A1 in combination with Fristads flame protective assortment / Sold in pairs.

**MATERIAL** Front 100% LDPE. Back 100% Ethylene Vinyl Acetate 50. **COLOUR** 896 Grey/Black. **SIZE** One size.

## CORE

SEE PAGE 9



576



EN 14404



### KNEE PROTECTION 9395 KP

Article no 110107

Lightweight / Very flexible / 2-coloured / Thickness 20 mm / Width 160 mm / Length 245 mm / Approved according to EN 14404 type 2 level 0 / Sold in pairs / OEKO-TEX® certified.

**MATERIAL** 100% Ethylene Vinyl Acetate. **COLOUR** 576 Navy/Royal Blue. **SIZE** One size.

FOR KNEELING  
WORK DURING  
LONG PERIODS



930

### KNEE PADS 957 KT

Article no 100393

Extra durable, for kneeling work over long periods / Thickness 13 mm / Width 150 mm / Length 240 mm / Can easily be cut to suitable size / Sold in pairs.

**MATERIAL** 100% neopren. **COLOUR** 930 Grey. **SIZE** One size.

FOR KNEELING  
WORK DURING  
LONG PERIODS



940



541



940

### KNEE PADS 955 KS

Article no 100392

Extra durable, for kneeling work over long periods / Thickness 25 mm / Width 150 mm / Length 240 mm / Can easily be cut to suitable size / Sold in pairs.

**MATERIAL** 100% neopren. **COLOUR** 940 Black. **SIZE** One size.

### BRACES 9322 PPPA

Article no 100078

Woven straps with elastic at back / Nickel free / Adjustable front straps 100 cm / Elastic back straps 14 cm / Extra strong clips and length adjusters in antique brass finish / Width 50 mm.

**MATERIAL** 60% polyester, 40% polyamide. **COLOUR** 541 Blue, 940 Black. **SIZE** One size.

### STRETCH BRACES 9323 PPPA

Article no 100079

Elastic straps / Nickel free / Adjustable elastic front straps 83 cm / Elastic back straps 27 cm / Extra strong clips and length adjusters in antique brass finish / Width 50 mm.

**MATERIAL** 60% polyester, 40% polyamide. **COLOUR** 940 Black. **SIZE** One size.

REINFORCEMENT  
FOR E.G. KNEES,  
THIGHS, ELBOWS



940



240



240

### REINFORCEMENT 958 KEV

Article no 100388

Heat transfer reinforcement for e.g. knees, thighs and elbows / Should only be heated on by professional retailers / Sold in pairs.

**MATERIAL** 72% polyamide, 24% Kevlar®, 4% elastane. **COLOUR** 940 Black. **SIZE** One size.

### SNIKKI FOLDING RULE POCKET REINFORCEMENT 9231 LTHR

Article no 127929

Leather reinforcement for folding rule pocket.

**MATERIAL** Split leather. **COLOUR** 240 Brown. **SIZE** One size.

### SNIKKI NAIL POCKET REINFORCEMENT 9232 LTHR

Article no 127930

Leather reinforcement for nail pockets / Sold in pairs.

**MATERIAL** Split leather. **COLOUR** 240 Brown. **SIZE** One size.



### BEANIE 9500 BFL

Article no 117226

Elastic Jersey / Fleece lining.

**MATERIAL** 95% cotton, 5% elastane. Fleece lining 100% polyester.  
**COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** One size.



### BEANIE 9127 AM

Article no 125031

Double-knitted / Folded / Fristads label in front.

**MATERIAL** 100% acrylic. **COLOUR** 540 Dark Navy, 930 Grey, 940 Black.  
**SIZE** One size.



### BEANIE 9134 AM

Article no 125033

Rib-knitted / Folded.

**MATERIAL** 85% acrylic, 15% elastane. **COLOUR** 540 Dark Navy, 740 Army Green, 910 Light Grey, 940 Black. **SIZE** One size.



### BEANIE 580 AM

Article no 100093

Double-knitted.

**MATERIAL** 100% acrylic. **COLOUR** 930 Grey. **SIZE** One size.



LIGHTWEIGHT  
AND SOFT  
MERINO WOOL

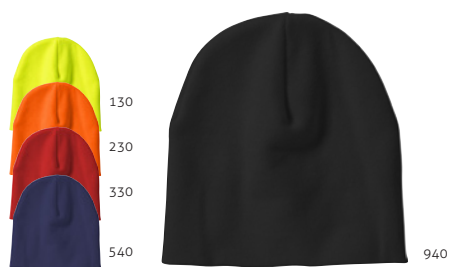


### MERINO WOOL BEANIE 9169 MWB

Article no 127542

Lightweight, flexible and soft / Non-itchy smooth Merino wool / Seamless.

**MATERIAL** 50% wool, 50% polyester. **COLOUR** 910 Light Grey, 940 Black. **SIZE** One size.



### BEANIE 9108 AM

Article no 117227

Double-knitted.

**MATERIAL** 96% acrylic, 4% elastane. **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red, 540 Dark Navy, 940 Black. **SIZE** One size.



### STRETCH FLEECE BEANIE 9101 STF

Article no 113316

Stretch fleece / Brushed inside / Reflective print.

**MATERIAL** 100% polyester. **WEIGHT** 230 g/m².  
**COLOUR** 130 Hi-Vis Yellow, 940 Black. **SIZE** One size.



### WINTER HAT 9105 GTT

Article no 117230

Airtech® breathable, wind and waterproof / Fibre fur lining / Adjustable neckflap.

**MATERIAL** 100% polyester. Fibre fur 100% polyester.  
**WEIGHT** 387 g/m². **COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red, 540 Dark Navy, 940 Black. **SIZE** S/M, L/XL.



### CAP 9107 SC

Article no 117234

Curved peak / Adjustable width back with velcro strap / Fristads embroidered logo at back.

**MATERIAL** 540 Dark Navy, 940 Black 65% polyester, 35% cotton.  
130, 230, 330: 80% polyester, 20% cotton. **WEIGHT** 300 g/m².  
**COLOUR** 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red, 540 Dark Navy, 940 Black. **SIZE** One size.







942



### HEAVY WOOL SOCKS 9187 SOWH

Article no 127538

High insulation / Terry-knitted wool inside and durable polyamide outside / Functional knit at ankle and arch / OEKO-TEX® certified.

**MATERIAL** 82% wool, 18% polyamide. **COLOUR** 942 Anthracite Grey. **SIZE** 36-39, 40-43, 44-47.



940



### COOLMAX® SOCKS 928 CMS

Article no 127342

Breathable / Perspiration wicking / Quick dry / Sold in pairs and in pack of 5 pairs / OEKO-TEX® certified.

**MATERIAL** 80% polyester, Coolmax®, 15% polyamide, 5% elastane. **COLOUR** 940 Black. **SIZE** 37-39, 40-42, 43-45.



940



### SOCKS 2-PACK 9186 SOC

Article no 127543

Rib-knitted shaft/ Terry-knitted heel and sole / Sold in packs of 2 pairs / OEKO-TEX® certified.

**MATERIAL** 70% cotton, 23% polyamide, 5% viscose, 2% elastane. **COLOUR** 940 Black. **SIZE** 36-39, 40-43, 44-47.



940



### WOOL SOCKS 929 US

Article no 127368

Rib knitted reinforcement in soles / Elastane in shaft and foot for optimal fit / Warm and quick drying / Size knitted inside shaft / OEKO-TEX® certified.

**MATERIAL** 65% wool, 30% polyamide, 5% elastane. **COLOUR** 940 Black. **SIZE** 37-39, 40-42, 43-45, 46-47.



940



### WOOL SOCKS 2-PACK 9168 SOW

Article no 126906

Rib-knitted shaft / Terry-knitted heel and sole / Sold in packs of 2 pairs / OEKO-TEX® certified.

**MATERIAL** 45% acrylic, 35% wool, 18% polyamide, 2% elastane. **COLOUR** 940 Black. **SIZE** 36-39, 40-43, 44-47.



940

SUPPORTS AND BRINGS RELIEF TO THE MUSCLES

Discontinued article.  
Available while stock lasts.

### COMPRESSION SOCKS 9136 CPR

Article no 126433

Fast dry technology / Wicking finish / High shaft / Tight knit compression zones / Reinforced details for increased durability.

**MATERIAL** 95% polyamide, 5% elastane. **COLOUR** 940 Black. **SIZE** 36-39, 40-43, 44-47.



940



### BOXERS 9329 BOX

Article no 126686

Ergonomic shape / 40 mm elastic waistband / Flatlock stitching / OEKO-TEX® certified.

**MATERIAL** 95% cotton, 5% elastane. **WEIGHT** 170 g/m². **COLOUR** 940 Black. **SIZE** S-3XL.



109



### BOXERS 3-PACK 9329 BOX

Article no 125034

Ergonomic shape / 40 mm elastic waistband / Flatlock stitching / Sold in packs of 3 pcs / OEKO-TEX® certified.

**MATERIAL** 95% cotton, 5% elastane. **WEIGHT** 170 g/m². **COLOUR** 109 Multi colour, 940 Black. **SIZE** S-3XL.



940

FUNCTIONAL MATERIAL

### FUNCTIONAL BOXERS 9162 CMU

Article no 126476

Breathable / Perspiration wicking / Fast dry / Ergonomic shape / 40 mm elastic waistband / Flatlock stitching.

**MATERIAL** 88% polyester, 12% elastane. **WEIGHT** 145 g/m². **COLOUR** 940 Black. **SIZE** S-3XL.





### LEATHER BELT 9371 LTHR

Article no 100913

Nickel free / Buckle in antique brass or antique silver / Length 122 cm / Width 40 mm.

**MATERIAL** Leather. **COLOUR** 240 Brown, 940 Black. **SIZE** One size (4x122 cm).



### LEATHER BELT 9372 LTHR

Article no 100914

Nickel free / Antique silver buckle / Length 143 cm / Width 40 mm.

**MATERIAL** Leather. **COLOUR** 940 Black. **SIZE** One size (4x143 cm).

LENGTH CAN  
BE ADJUSTED



### LEATHER BELT 9126 LTHR

Article no 125030

Nickel free / Antique silver 2 pin buckle / Length can be adjusted with screws / Length 140 cm / Width 40 mm.

**MATERIAL** Leather. **COLOUR** 240 Brown, 940 Black. **SIZE** One size (4x140 cm)

**CORE**  
SEE PAGE 9



### STRETCH BELT 994 RB

Article no 100556

Strong elastic strap / Antique silver slide buckle with bottle opener / Length 120 cm / Width 40 mm / Sold in single-pack and in pack of 10.

**MATERIAL** 70% polypropylene, 30% latex covered yarn. **COLOUR** 940 Black. **SIZE** One size (4x120 cm).

SOFT NON-  
SCRATCH  
BUCKLE



### STRETCH BELT 9950 STRE

Article no 117258

Nickel free / Strong elastic strap with Fristads print / Rubber coated non-scratch buckle / Length 120 cm / Width 40 mm.

**MATERIAL** 100% polyester. **COLOUR** 940 Black. **SIZE** One size (4x120 cm).

SOFT NON-  
SCRATCH  
BUCKLE



### BELT 9342 STRE

Article no 100909

For car industry, vehicle spraying etc / Soft non-scratch buckle in leather and plastic / Velcro fastening / Width 40 mm / Sold in single-pack and in pack of 10.

**MATERIAL** 100% polyester. **COLOUR** 940 Black. **SIZE** S (115 cm), M (130 cm), L (140 cm).

BUCKET  
SUITABLE FOR  
PROFILING



### BELT 9955 CW

Article no 129762

Nickel free / Metal buckle suitable for profiling / Length 120 cm / Width 40 mm.

**MATERIAL** 100% polyester. **COLOUR** 331 Red, 540 Dark Navy, 542 Blue, 740 Army Green, 940 Black, 941 Dark Grey. **SIZE** One size (4x120 cm).



### BELT 992 SK

Article no 100583

Antique brass or antique silver slide buckle / Length 120 cm / Width 40 mm.

**MATERIAL** 100% polyamide. **COLOUR** 540 Dark Navy, 940 Black. **SIZE** One size (4x120 cm).

EASY TO ATTACH  
TO ANY  
TROUSERS



### NAIL POCKETS 9201 ADKN

Article no 129495

Easy to attach to a belt and use with any trousers / 2 CORDURA® loose hanging pockets, one with 3 smaller pockets and tool loops, one with extra pocket / Attached with velcro fastening / OEKO-TEX® certified.

**MATERIAL** 100% polyamide. **WEIGHT** 220 g/m². **COLOUR** 540 Dark Navy, 940 Black, 941 Dark Grey. **SIZE** One size.



WATER-  
REPELLENT  
CAN BE CARRIED  
ON THE BACK



940

### ACODE WATER-REPELLENT BAG 1699 BAG

Article no 119010

Water-repellent hardwearing material / Can also be worn as a backpack / Detachable padded straps / Wide handle / Padded handles on short sides / Pocket with velcro fastening / 2 inside pockets with zip / Reinforced bottom / Capacity 58 litres / Size 56 x 34 x 30.5 cm.

**MATERIAL** 85% PVC, 15% polyester. **WEIGHT** 600 g/m². **COLOUR** 940 Black. **SIZE** One size.



### ID-CARD HOLDER 5-PACK 9130 P159

Article no 122114

Woven material / Attached with snap fastener / Sold in pack of 5 pcs / OEKO-TEX® certified.

**MATERIAL** 65% polyester, 35% cotton. **WEIGHT** 210 g/m². **COLOUR** 940 Black. **SIZE** One size.



940



### ID-CARD HOLDER 10 PACK 993 PST

Article no 100550

Plastic / Attached with clips or snap hook / Sold in pack of 10 / OEKO-TEX® certified.

**MATERIAL** Plastic. **COLOUR** 940 Black. **SIZE** One size.

### ID-CARD HOLDER 1-PACK 9930 PST

Article no 132712



940



940

### SNOOD / BANDANA LIGHT 9138 BNY

Article no 126436

Multifunctional snood for head and neck / Printed Jersey.

**MATERIAL** 100% polyester. **WEIGHT** 135 g/m². **COLOUR** 940 Black. **SIZE** One size.



896

### SNOOD / BANDANA 9135 BNY

Article no 125027

Multifunctional snood for head and neck / Printed Jersey and micro fleece.

**MATERIAL** 100% polyester. **WEIGHT** Micro fleece 180 g/m², Jersey 135 g/m². **COLOUR** 896 Grey/Black. **SIZE** One size.



CAN BE FOLDED  
AND USED AS  
NECK WARMER



940

### BALACLAVA 9191 BAL

Article no 126557

Stretch material / Quick-drying / Smooth outside, brushed inside / Can also be used as a neck warmer.

**MATERIAL** 95% polyester, 5% elastane. **COLOUR** 940 Black. **SIZE** One size.



Flame-protected accessories  
See page 214





# Your guide to workwear

Want to personalise your workwear? Or just need a helping hand in finding the right size and style? Here's everything you need to know to order the garments that fit you and your demands.

# Value-added services

Our garments can be personalised in many different ways. We can help you with everything from logotype embroidery to complete personalised workwear solutions. Please contact our customer service department for further information.



## Logotype placement

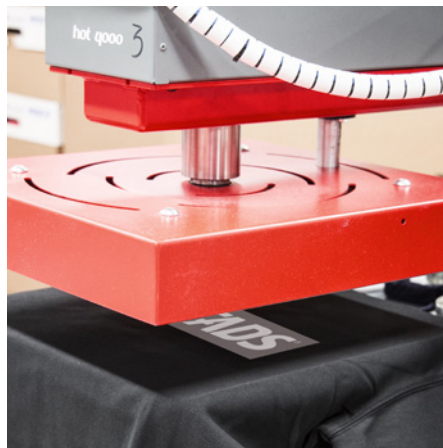
Here are some suggestions for where logotypes are normally placed.





## Embroidery

Embroidering straight onto the garment adds a touch of exclusivity, taking the overall impression up a notch. We embroider the customer's logotype directly onto garments or, for example, the name and title onto labels that can be sewn onto garments or fastened in place with Velcro. We produce embroidery templates based on logotypes (vectorised EPS files) obtained from customers.



## Heat transfers

Heat transfers give distinct prints with an increased level of detail in clear colours. We use high-quality transfers (they withstand industrial washing) to personalise garments with the customer's logotype. You can order from 50 items based on a logotype made as a vectorised EPS file. We can keep these in stock for later heat transfer.



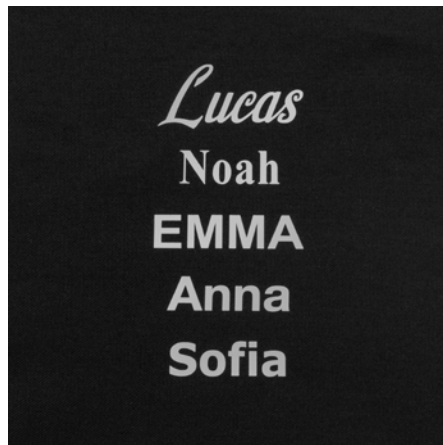
## Custom-made heat transfers

Create your own print! This is a single-colour transfer process for clothing that is cut out from a transfer vinyl created with a special plotter printer. We can make a print from a logotype, text or other source, based on a file in vector format such as Ai, EPS or vectorised PDF. You can order up to 50 items per print consisting of three colours at the most, and we have a wide selection of colours from which to choose.



## Name embroidery

Embroidering people's names on their garments is an attractive way of personalising them. The standard text height is 10 mm. Choose one of the styles shown above, regular upright or italics, in the colour of your choice. Upright lettering can also be produced in block capitals.



## Name transfer

You can also clearly label your clothes with personal names. Max. width 10 cm. Titles and long names can be placed on two rows. Choose between different styles in the most common colours. Naturally, the name can also be printed in block capitals or as first and last name.



## Name signs

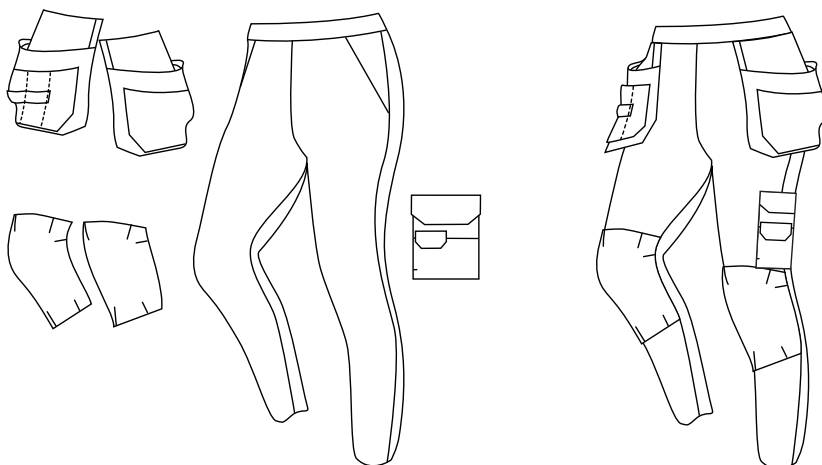
Using laser, we engrave and cut signs with personal or company names in laserply, which is a plastic material, and AlumaMark, a specialised aluminium. We can also engrave certain types of metal belt buckles. We make your sign based on a file in vector format such as Ai, EPS or vectorised PDF, and we have a wide selection of colour combinations from which to choose.



# Modifications

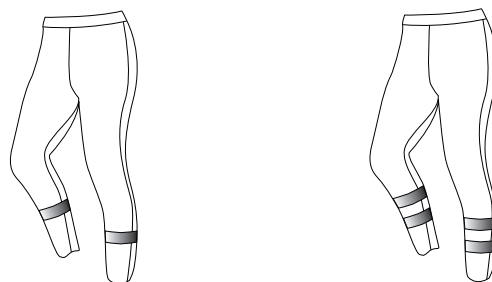
Sample ways of modifying Fristads' stocked garments at additional cost. We can provide alterations to existing garments, for instance:

- Sewing on extra reflective tapes
- Lengthening and shortening legs and sleeves
- Sewing on knee pockets, loose-hanging pockets, leg pockets, mobile phone pockets etc.
- Covering buttons with flaps and plackets
- Personalising stocked garments with special colours on collars, pocket flaps and cuffs etc.



## PLEASE NOTE!

For seam adjustments to waterproof and windproof garments, please contact our customer service.



## Reflective tapes

Reflective tape can be attached to finished garments as in the sketches, at additional cost. Reflective tape is available in the colours 70 Yellow, code: 129 and 95 Silver grey, code: 106. Yellow reflective tape can only be sewn on, not ironed on. Garments with reflective tape should be washed according to the instructions below.

One strip of reflective tape around the leg.  
version: BX 251. 25 mm reflective tape.  
version: BX 501. 50 mm reflective tape.

Two strips of reflective tape around the leg.  
version: BX 252. 25 mm reflective tape.  
version: BX 502. 50 mm reflective tape.

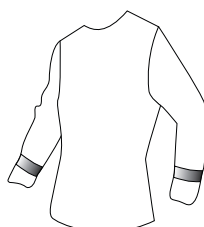
## PLEASE NOTE!

Follow the washing instructions for the garment if they state a lower temperature.

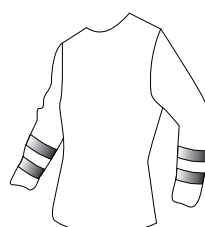
Silvery grey reflective tape



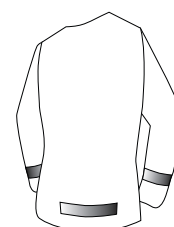
Yellow reflective tape



One strip of reflective tape around the sleeve.  
version: JX 251. 25 mm reflective tape.  
version: JX 501. 50 mm reflective tape.



Two strips of reflective tape around the sleeve.  
version: JX 252. 25 mm reflective tape.  
version: JX 502. 50 mm reflective tape.



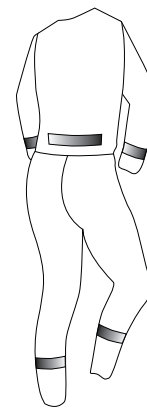
One strip of reflective tape around the sleeve and at the bottom of the back (L. 25 cm).  
version: JRX 251. 25 mm reflective tape.  
version: JRX 501. 50 mm reflective tape.



One strip of reflective tape around the leg and sleeve.  
version: OX 251. 25 mm reflective tape.  
version: OX 501. 50 mm reflective tape.



Two strips of reflective tape around the leg and sleeve.  
version: OX 252. 25 mm reflective tape.  
version: OX 502. 50 mm reflective tape.



One strip of reflective tape around the leg, sleeve and at the bottom of the back (L. 25 cm).  
version: ORX 251. 25 mm reflective tape.  
version: ORX 501. 50 mm reflective tape.

# Certifications



IEC 61482-2



IEC 61482-2

Electric arc "Box and Open arc test". Certified protective clothing.



EN ISO 14116

Flame, limited flame spread. Certified protective clothing.



EN ISO 11611

Welding and allied processes. Certified protective clothing.



EN 1149

Electrostatic properties, design requirements. Certified protective clothing.



EN ISO 11612

Heat and flame. Certified protective clothing.



EN 13034

Liquid chemicals, limited protection. Certified protective clothing.

All flame protection certification see page 216-218

All certifications read more at [fristads.com](https://www.fristads.com)



## EN ISO 13982-1

**Protective clothing for use against solid particulates.**

The standard specifies the minimum requirements for chemical-protective clothing resistant to penetration by airborne solid particles. Additional partial body protection may be required such as hoods, gloves, boots, visors or respiratory protective equipment.



## EN ISO 20471

**Certified and approved garments for protection when the user needs to visually signal his or her presence to vehicles in daylight, at night or in poor weather conditions.**

High-visibility clothing has a fluorescent surface and retroreflective material to meet certification requirements in three different classes. Class 3 is the highest safety class. The performance class can be obtained using a single garment or a clothing assembly, for instance jacket and trousers. This will be stated on the CE-label. A class 3 garment shall cover the torso and shall have either sleeves with retroreflective bands or full-length trouser legs with retroreflective bands. Read more on pages 170-171.



## RIS-3279-TOM

**Rail industry standard for high visibility clothing**

British rail industry standard for high-visibility clothing. All maintenance staff must wear orange high-visibility clothes when working on or near the railway tracks. Hence the properties of the fabric therefore need to fulfill certain minimum technical criteria for the fluorescent and reflective areas of the orange colour. RIS-3279-TOM must be combined with EN ISO 20471 to be valid.



## EN 343

**Certified and approved garments provide protection against rain and inclement weather.**

Requirements and test methods for fabrics and seams of protective clothing against the influence of rain, snow, fog and ground humidity. Resistance to water penetration (A) and water vapour resistance (B) is measured.

**A:** Resistance to water penetration: 1-4, where class 4 provides the best waterproofness

**B:** Breathability – water vapour resistance: 1-4, where class 4 provides the best breathability

**C:** Impact from above with high energy droplets (optional)

The EN 343 norm was updated during 2019 with the addition of class 4 (previously class 1-3). Fristads waterproof garments released during 2020 have been tested according to the new version of EN 343.

An ongoing update and recertification of existing garments is underway with the aim of being ready in 2021. Product information will be updated continuously at [fristads.com](https://www.fristads.com)

**Waterproofness and breathability of Fristads garments**

The waterproofness in Fristads garments is tested with a water column of 10,000 mm and the assortment is categorized as following:

20,000 mm >	Extreme weather conditions
15,000 mm	Heavy rain for a long time
10,000 mm	Continuous rain for a long time
5,000 mm	Moderate rain for a long time
3,000 mm	Light to moderate rain for a shorter period of time

Breathability is indicated in the RET value. The lower the RET value, the better the breathability.

RET 0-6	Extremely good or very good breathability
RET 6-13	Very good or good breathability
RET 13-20	Good or satisfactory breathability
RET 20-30	Unsatisfactory or limited breathability
RET 30 +	Unsatisfactory or no breathability



## EN 342

**Certified and approved garments provide protection against cold weather, i.e. thermal insulation properties and air permeability.**

The norm tests three criteria, but only has requirements for A and B.

**A:** Effective thermal insulation (Icler).

**B:** Air permeability

**C:** Resistance to water penetration (optional)

A cold climate is characterised by a combination of moisture and a temperature below -5°C.

EN 342 indicates the value of the resulting effective thermal insulation for the user. The value is measured for light and medium duty tasks for a certain period of time.



## EN 14404

**Knee protectors for work in the kneeling position**

**Type 1:** Knee protectors independent of other clothing and that fasten around the leg.

**Type 2:** Knee protectors made of foam plastic or other padding material to be placed in pockets on trouser legs, or permanently attached to trousers.

**Type 3:** Knee protectors that are not attached to the body, but put in place as the user moves around.

**Type 4:** Knee protectors for one or both knees, which are parts of devices with additional functions such as a frame to aid standing up, or a kneeling seat.

**Performance level 0:**

Suitable only for use on flat floor surfaces.

**Performance level 1:**

Suitable for use on flat or non-flat floor surfaces and providing protection against penetration at a force of at least 100 ±5 N.

**Performance level 2:**

Suitable for use on flat or non-flat floor surfaces in severe conditions and providing protection against penetration at a force of at least 250 ±10 N.



# Washing instructions

Please note that it is important to use only laundry detergent for colours when washing coloured garments.



Washing, normal process, with specified temperature.



Washing, mild process, with specified temperature.



Washing, very mild process, with specified temperature.



Do not bleach.



Any bleach allowed.



Tumble drying at max. 80° C, normal temperature.



Tumble drying at max 60° C, low temperature.



Do not tumble dry.



Iron at maximum sole-plate temperature of 200°C.



Iron at maximum sole-plate temperature of 150°C.



Iron at maximum sole-plate temperature of 110° C without steam.



Do not iron.



Professional dry cleaning in tetrachloroethene and all solvents listed for the symbol F, normal process.



Do not dry clean.

## Washing instructions for high-visibility garments

Dirty garments provide poorer protection. High-visibility garments should be washed separately or together with other garments that are approved according to EN ISO 20471. Wash them inside out. Follow the washing instructions on the garment. Do not use detergents containing optical whiteners. Do not use fabric softeners or bleaching agents. Close all zippers before washing. GORE-TEX garments should be tumble dried or ironed at low temperature. The heat helps to reactivate the membrane.



## Fristads quality – even after several washes

As a given Fristads quality statement the industrial workwear range is PRO-labelled. PRO-labelling states that the product is proofed for industrial laundry procedures according to EN ISO 15797. In addition our garments are tested in some of Europe's largest laundries in cooperation with our customers.

EN ISO 15797 is not a standard to which a garment can be certified. It's an industrial test method for industrial laundries where the PRO-labelling states the laundry procedure. Look for the PRO sign next to the article to see if the garment is PRO-labelled.

## Fristads stretch

Stretch improves comfort, that's a fact. We offer a variety of garments in different stretch materials and these symbols will make it easier to find what you prefer.



### 4-WAY STRETCH

The 4-way stretch is a highly elastic material which stretches in every direction, offering full flexibility.



### STRETCH

The 2-way stretch stretches in one direction, offering flexibility and comfort.



### MECHANICAL STRETCH

Mechanical stretch contains no stretch fibres but is weaved to offer some stretch for extra comfort.



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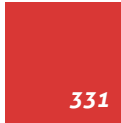












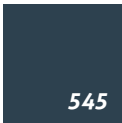

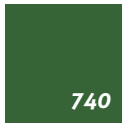
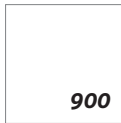
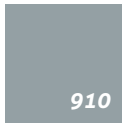

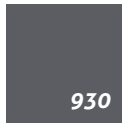

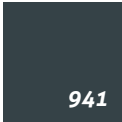
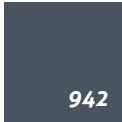
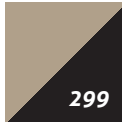







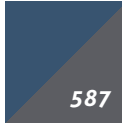




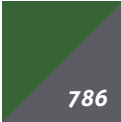
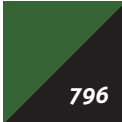

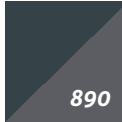
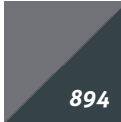













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# Colour index

Please note that the colour dots are only indications of the original colours. Subject to color deviations in the printing.

 131 Bright Yellow	 210 Khaki	 232 Bright Orange	 240 Brown (leather)	 331 Red	 410 Lavender	 500 Pale Blue	 510 Light Blue
 520 Middle Blue	 530 Royal Blue	 531 Blue	 539 True Navy	 540 Dark Navy	 541 Blue	 542 Blue	 543 Midnight Blue
 544 Dark Navy	 545 Indigo Blue	 730 Green	 740 Army Green	 900 White	 910 Light Grey	 911 Sand	 930 Grey
 940 Black	 941 Dark Grey	 942 Anthracite Grey	 299 Khaki/Black	 387 Red/Grey	 397 Red/Black	 550 Blue/White	 556 Navy/Hi-Vis Yellow
 576 Navy/Royal Blue	 579 Navy/Blue	 586 Navy/Grey	 587 Pigeon Blue/Grey	 588 Blue/Grey	 597 Blue/Black	 598 Navy/Black	 676 Royal Blue/Navy
 786 Army Green/Grey	 796 Army Green/Black	 866 Grey/Red	 890 Dark Grey/Grey	 894 Grey/Dark Grey	 896 Grey/Black	 965 White/Grey	 969 White/Black
 996 Black/Grey	 130 Hi-Vis Yellow	 171 Hi-Vis Yellow/Navy	 196 Hi-Vis Yellow/Black	 230 Hi-Vis Orange	 271 Hi-Vis Orange/Navy	 330 Hi-Vis Red	 396 Hi-Vis Red/Black
 982 Black/Hi-Vis Yellow	 984 Black/Hi-Vis Orange						

# Size guide – workwear

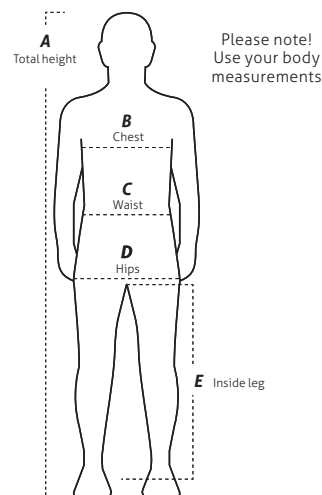
Starting from your own body size, compare to the tables to find the correct size. Choose the table matching your height (A).

The tables for women's garments only apply for garments for woman, otherwise, the tables for men apply. There are separate size tables for Acode.

When buying trousers, measure A, C, D, E and for jackets, measure B (sizes XS-5XL). Measure A, B, D, E for coveralls and, depending on your height, choose regular, long or short in the tables.

## Please note!

All measurements given in the tables are body size, except the inside leg, which is equivalent to the garment's size.



## Jackets, trousers and coveralls

Men sizes		XS		S		M		L		XL		2XL		3XL		4XL		5XL		
A. Regular (normal waist)* 176-184 cm	C40	C42	C44	C46	C48	C50	C52	C54	C56	C58	C60	C62	C64	C66		* size group regular for coveralls				
A. Tall (normal waist)** 184-192 cm			C144	C146	C148	C150	C152	C154	C156	C158	C160	C162	C164	C166	C168	** size group tall for coveralls				
B. Chest cm	80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140	144	148	152	
C. Waist cm	68	72	76	80	84	88	92	97	102	108	114	120	126	132	138	144	150	156	162	
D. Hips cm	88	91	94	98	102	106	110	114	118	122	126	130	134	138	142	146	150	154	158	
E. Regular inside leg cm	80	80	80	80	82	82	82	82	84	84	84	84	84	84	84	84	84	84	84	
E. Tall inside leg cm			85	85	87	87	87	87	89	89	89	89	89	89	89					

<b>A. Short (large waist)***</b> 168-176 cm	D84	D88	D92	D96	D100	D104	D108	D112	D116	D120	D124	D128	D132	D136
B. Chest cm	84	88	92	96	100	104	108	112	116	120	124	128	132	136
C. Waist cm	78	82	86	90	94	98	103	108	114	120	126	132	138	144
D. Hips cm	93	96	100	104	108	112	116	120	124	128	132	136	140	144
E. Inside leg cm	76	76	76	78	78	78	78	80	80	80	80	80	80	80

\*\*\* size group short for coveralls

Women sizes	XS	S		M		L		XL		2XL		3XL		4XL	
A. Regular (normal waist) 164-172 cm		C34	C36	C38	C40	C42	C44	C46	C48	C50	C52				
B. Chest cm	76	80	84	88	92	96	100	104	110	116	122	128	134	140	146
C. Waist cm	63	66	69	72	76	80	84	88	93	99	105	111	117	123	129
D. Hips cm	87	90	93	96	99	102	106	110	115	120	125	130	135	140	145
E. Inside leg cm	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80

## Acode

Men sizes	XS	S	M	L	XL	2XL	3XL	4XL	5XL	6XL
	40-42	44-46	48-50	52-54	56-58	60-62	64-66	68-70	72-74	76-78
B. Chest cm	80-84	88-92	96-100	104-108	112-116	120-124	128-132	136-140	144-148	152-156
C. Waist cm	68-72	76-80	84-88	92-97	102-108	114-120	126-132	138-144	150-156	162-168

Women sizes	S	M	L	XL	2XL
	34-36	38-40	42-44	46-48	50-52
B. Chest cm	80-84	88-92	96-100	104-110	116-122
C. Waist cm	66-69	72-76	80-84	88-93	99-106

## Inches conversions table

Waist	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
Waist inch-size	66	69	71	74	76	79	81	84	86	89	91	94	96	99	102	104	107	109	112	114	117	119	122	124	127	129	132	134	137

Length	30	32	34
Inside leg inches	30	32	34
Inside leg cm	76	81	86











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