





## CONTENT

WORKWEAR FOR REAL	4
DESIGN	6
WE CARE	8
MATERIAL	10
BUILDING & CONSTRUCTION GEN Y	<b>12</b> 14
INDUSTRY ICON FOOD INDUSTRY ESD CLEANROOM	<b>40</b> 42 70 76 80
HIGH VISIBILITY	86
FLAME PROTECTION	114
SERVICE & PROFILE	148
COLD WIND RAIN	170
WOMAN	194
KIDS	20
TOOL BELTS	20
ACCESSORIES	212
ACODE	218
TOOLBOX VALUE ADDED SERVICES SYMBOLS AND WASHING INSTRUCTIONS GARMENT INDEX ARTICLE NUMBER INDEX COLOUR INDEX SIZE GUIDE	22: 22: 22: 24: 25: 25:







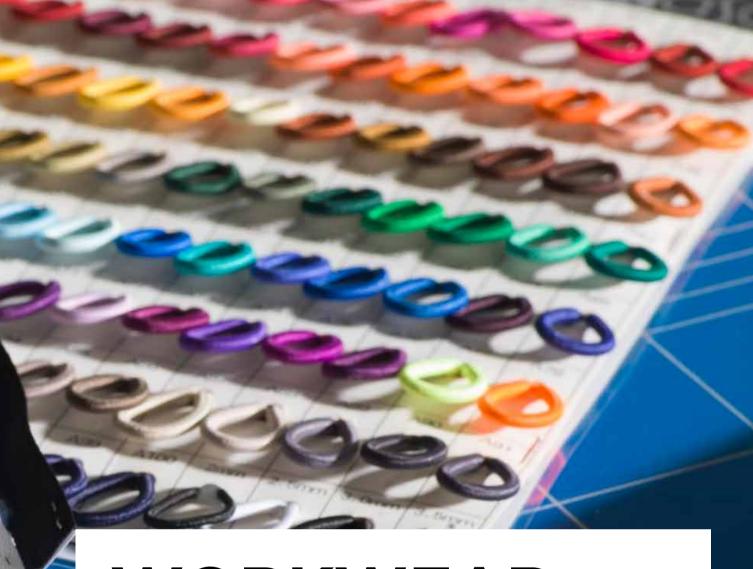


# WORKWEAR FOR REAL

At Fristads Kansas it's our history, it's our heritage, it's in our DNA – we make workwear. Designed so all you wearers out there can have excellent functional clothing at work. We go to work each day in order to make your job just that little bit easier. This is our goal, this is our aim; it has become our way of working – it's what we do. Our garments will not revolutionise the world or the workplace, but with correct functionality and fit allowing you to feel good at work each day we will help you to make a difference. Like you, hardworking and performing well; our garments deliver. So use them, test them, perform in them and feel confident about them. This is what they are made for. Please let us know what you think of our products. We welcome this communication. What bits do you like? What is important for you? We value your opinion. The fact is we make these items with you in mind and for all you workers out there.

Welcome to Fristads Kansas.





# WORKWEAR OF THE FUTURE

The creation of great workwear is not by chance. Great workwear is designed on the job; your job. By being worn, put to hard work and forced to prove itself is the only way we can see whether it performs or not.

Our wearers are our major influencers; our 'chief product developers' and 'designers'. Our most important tools must be our ears, to listen to those going to work each day. Benefiting from all of your experiences, knowledge and feedback assists our development.

This is how our workwear of the future is created. You wear the garments today and with your feedback and ideas we make continuous improvements, meaning the next generation of working men and women have improved working conditions.

For more than 90 years we have been making great workwear – each and every season a little bit better. Welcome to this year's collection, the best yet. Thanks for your help!





# GOOD CLOTHES FOR A BETTER WORLD

There are many people around the word working for us – these workers, we care about them all. These are fine words of course; and we stand behind them 100% Injustices, unreasonable working hours, low wages, corruption – these are all issues where we should be on our guard and battle against. We work hard to exert our influence where ever our products are made.

We have set high requirements for those who want to be our suppliers, at all stages. We give consideration to all the details in the chain, from human rights to environmental impact. It is our duty.

Our work with sustainability is based on the 10 principles in the UN's Global Compact, which forms the basis for our Code of Conduct. We respect and promote human rights according to the United Nations Declaration of Human rights and the Core Conventions of the International Labour Organisation. Moreover, since 2011, we collaborate with the Fair Wear Foundation in order to further guarantee that the working conditions in our factories meet and exceed international and local requirements.

The use of chemicals, water and our general environmental efforts are governed by the EU's REACH chemical legislation and all of our suppliers must meet the requirements this sets. Our membership of the Swedish Chemical Group also ensures that we minimise hazardous substances in our garments, and our aim is for as many as possible of the garments in our collection to obtain OEKO-TEX® certification.

These efforts are rarely visible from the outside. But, we know they make a difference. For this reason, they are extremely important for us as we strive to provide a better world to live in and one we can leave behind to the generations that follow us.

Read more on our website www.fristadskansas.com.









# MATERIALS THAT MEET THE PROFESSIONAL'S NEEDS

You do not notice good workwear. On the other hand, you notice at once if the garment does not work. A pair of trousers that tears. A jacket that leaks or a button that comes loose. We are meticulous down to the smallest detail on our workwear. This is particularly true in the choice of materials. Others may compromise. We work with the best suppliers and only use materials we know work in all weathers and situations.



The **GORE-TEX**\* membrane guarantees the garment is completely waterproof and windproof. The maximum breathability keeps you dry and comfortable even during strenuous work shifts. Our highest performing and most durable functional material. The only workwear that is tested in a rain room and withstands 60-degree industrial washing.



**WINDSTOPPER**\* fabrics keeps out the wind chill effect. A completely windproof material with high breathability, which means you stay dry and comfortable all day long. The garments work just as well indoors as they do outdoors.



**37,5**<sup>™</sup> is the name of a technology that uses active carbon molecules to transport moisture away from the body to keep you dry. It prevents smells, makes the material quick to dry and protects against UV radiation. The name refers to the body temperature at which you work best – 37.5°C.



**CORDURA\*** is extremely durable and is used to reinforce various materials and exposed areas on the garments. The knees, nail pockets and the end of trouser legs. Provides the garments with a considerably longer useful life.



**AIRTECH**\* is a technology we developed ourselves. Waterproof and windproof breathable garments that transport moisture away from the body and keep you dry and warm.



**POLARTEC**\* is soft and supple. It is very breathable and is lightweight in relation to the high thermal insultation capacity. A material for garments with the maximum freedom of movement.

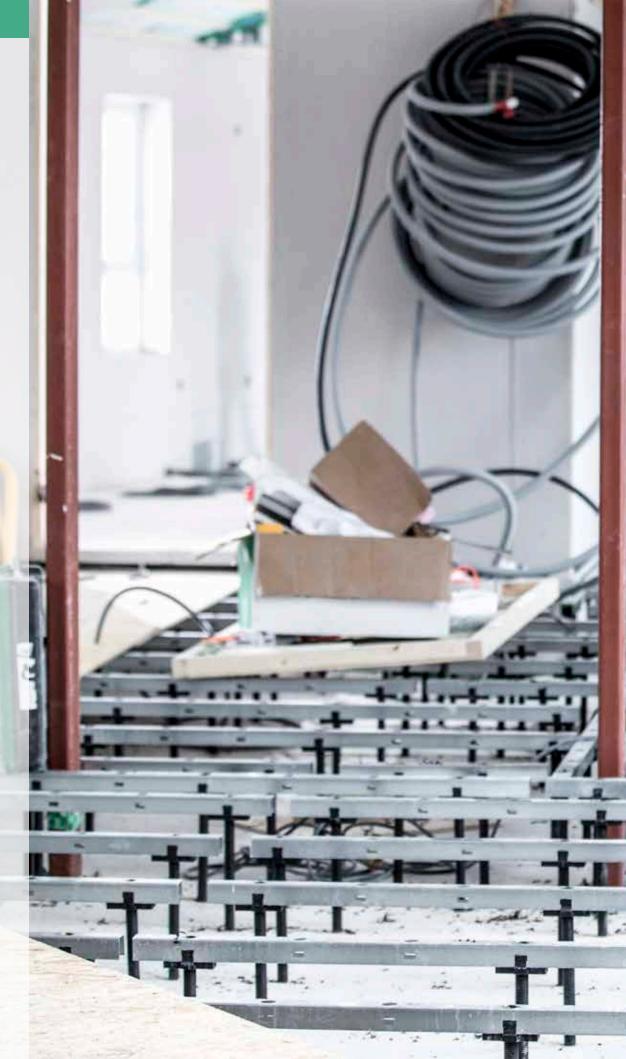


**COOLMAX** has a fibre based moisture transport system. Efficient transport of moisture away from the body keeps you dry in all work situations.



**NOMEX**\* **COMFORT** is an anti-flame material that reacts to intense heat by the fibres swelling and absorbing the thermal energy. The material stays soft and flexible and provides you with the greatest possible protection.

# BUILDING & CONSTRUCTION





# **GEN Y NEWS**



We are now expanding our popular collection of trousers, within GEN Y, by three new craftsman trousers. The fit is based on our popular 110313 Trousers 2122 CYD on page 16. Naturally, all of the trousers have CORDURA® reinforcements and they come with all the pockets and functions you'd expect from a really good pair of craftsman trousers













### 1 TROUSERS 2130 FAS

**ARTICLE NO** 122573

2 CORDURA® reinforced loose-hanging pockets, 1 with 3 smaller pockets and tool loop, 1 with zip pocket / 2 bellowed front pockets / D-ring under loosehanging pocket / 2 CORDURA® reinforced back pockets with loose bottom, 1 with flap and velcro fastening / Hammer loop / 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 inside pocket with snap fasatening / Pockets reinforced with metallic rivets at stress points / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening for height adjustable knee pads / CORDURA® reinforced leg end, adjustable with snap fastening / Contrast seams / Reflective piping at leg ends / OFKO-TEX® certified

MATERIAL 100% cotton.WEIGHT 375 g/m<sup>2</sup>. COLOUR 940 Black. SIZE C44-C62, C146-C156, D84-D120.















### 2 TROUSERS 2127 CYD

**ARTICLE NO** 122191

2 CORDURA® reinforced loose-hanging pockets, 1 with 3 smaller pockets and tool loop, 1 with zip pocket / 2 bellowed front pockets / D-ring under loose-hanging pocket / 2 CORDURA® reinforced back pockets with loose bottom, 1 with flap and velcro fastening / 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 for height adjustable knee pads / CORDURA® reinforced leg end, adjustable with plastic snap fastening / Contrast seams / Approved according to EN ISO 20471 class 1 / OEKO-TEX® certified.

MATERIAL 60% cotton, 40% polyester. Other material 80% polyester, 20% cotton.

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.











# **STRETCH**

Our new stretch craftsman trousers are more stretchable than any of our other trousers. Large panels of stretch material provide great freedom of movement and comfort. The base material in the trousers is our CYD cotton/polyester material, which we have combined with an elastic and durable stretch material. The fit is based on 110313 Trousers 2122 CYD on page 16.

NEW

ALL BLACK **PANELS IN** STRETCH MATERIAL







### 1 TROUSERS 2530 CYD

**ARTICLE NO** 121314

Stretch panels at front, back and legs / 2 CORDURA® reinforced loose-hanging pockets, 1 with 3 smaller pockets and tool loops, 1 with 1 extra pocket and tool loops / 2 bellowed front pockets / 2 side pockets, 1 with zip / D-ring under nail pocket / 2 CORDURA® reinforced back pockets with loose bottom, 1 with flap and velcro fastening / 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 / Pockets reinforced with metallic rivets at stress points / Shaped knees / Stretch CORDURA® reinforced knee pockets with outside opening from above for height adjustable knee pads / Reflective piping at back leg / CORDURA® reinforced leg end, adjustable with snap fastener / Contrast seams.

MATERIAL 60% cotton, 40% polyester. Stretch fabric 91% nylon, 9% spandex.

WEIGHT 330 g/m², stretch fabric 250 g/m².
COLOUR 540 Dark Navy, 896 Grey/Black, 940 Black.
SIZE C44-C62, C146-C156, D84-D120.



### THE BEST COMFORT AT WORK WITH THE **RIGHT FIT, DESIGN AND QUALITY**

The base quality in our trouser collection is CYD – a 60% cotton and 40% polyester canvas. This provides the right comfortable feeling of cotton, at the same time as it is also durable and has good colourfastness. We are now expanding the collection by a bib'n'brace model and the colour dark khaki.



**TROUSERS 2122 CYD, MEN TROUSERS 2115 CYD, WOMEN** 

ARTICLE NO 110313 (2122 CYD) ARTICLE NO 110317 (2115 CYD, Women)

Pre-shaped knees / Contrast seams / 2 loose-hanging CORDURA® reinforced outside pockets, 1 with zip pocket, 1 with 3 smaller pockets and tool loop / 2 front pockets, 1 with phone pocket / 2 CORDURA® reinforced slanting back pockets / Right leg pocket with pen holder, button and loop for sheath knife and CORDURA® reinforced folding rule pocket / Left multifunction leg pocket with phone pocket, ID card pocket, zip pocket and large inside pocket with snap fastener / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA® reinforced leg end, adjustable with snap fasteners / Pockets reinforced with metallic rivets at stress points / Belt loop with D-ring / Reflective piping at leg ends / OEKO-TEX® certified.

110313 (2122 CYD)

MATERIAL 60% cotton, 40% polyester. WEIGHT 330 g/m<sup>2</sup>. COLOUR 540 Dark Navy, 842 Dark Khaki, 900 White, 940 Black, 941 Dark Grey. SIZE C44-C62, C146-C156, D84-D120.

110317 (2115 CYD. Women) COLOUR 540 Dark Navy, 900 White, 940 Black, 941 Dark Grey.



All the trousers on this spread have CORDURA® reinforced back pockets, which are extra roomy in width, height and depth.





### 2 TROUSERS 2123 CYD, MEN TROUSERS 2114 CYD, WOMEN

ARTICLE NO 110327 (2123 CYD) ARTICLE NO 110328 (2114 CYD, Women)

Pre-shaped knees / Contrast seams / 2 front pockets, 1 with phone pocket / 2 CORDURA® reinforced slanting back pockets / Right leg pocket with pen holder, button and loop for sheath knife and CORDURA® reinforced folding rule pocket / Left multifunction leg pocket with phone pocket, ID card pocket, zip pocket and large inside pocket with snap fastener / CORDURA® reinforced knee pockets with inside opening for height adjustable knee pads / CORDURA® reinforced leg end, adjustable with snap fasteners / Pockets reinforced with metallic rivets at stress points / D-ring on belt loop / Reflective piping at leg ends / OEKO-TEX® certified.

110327 (2123 CYD)

MATERIAL 60% cotton, 40% polyester. WEIGHT 330 g/m<sup>2</sup>. **COLOUR** 540 Dark Navy, 900 White, 940 Black, 941 Dark Grey. **SIZE** C44-C62, C146-C156, D92-D120.

110328 (2114 CYD, Women) COLOUR 900 Vit. 940 Svart.















### 1 BIB'N'BRACE 1122 CYD

### **ARTICLE NO** 116726

Front placket with large pocket and phone pocket / Elasticated braces / 2 front pockets, 1 with mobile phone pocket / 2 CORDURA® reinforced loosehanging pockets, 1 with zip pocket, 1 with 3 smaller pockets and tool loop / 2 CORDURA® reinforced slanted back pockets / D-ring on belt loop / Right leg pocket with pen holder, button and loop for sheath knife and CORDURA® reinforced folding rule pocket / Left multifunction leg pocket with mobile phone pocket, ID card pocket, zip pocket and large inside pocket with snap fastening / Pockets reinforced with metallic rivets at stress points / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA® reinforced leg end, adjustable with snap fastening / Reflective piping at leg ends / Contrast seams / OEKO-TEX® certified.

MATERIAL 60% cotton, 40% polyester. WEIGHT 330 g/m<sup>2</sup>.

COLOUR 540 Dark Navy, 842 Dark Khaki, 900 White, 940 Black, 941 Dark Grey. SIZE C44-C62, C146-C156, D92-D120.















### 2 3/4 TROUSERS 2124 CYD

### **ARTICLE NO** 110316

Pre-shaped knees / Contrast seams / 2 loosehanging CORDURA® reinforced outside pockets, 1 with zip pocket, 1 with 3 smaller pockets and tool loop / 2 front pockets, 1 with phone pocket / 2 CORDURA® reinforced slanting back pockets / Right leg pocket with pen holder, button and loop for sheath knife and CORDURA® reinforced folding rule pocket / Left multifunction leg pocket with phone pocket, ID card pocket, zip pocket and large inside pocket with snap fastener / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / Rounded shape at back of leg ends / Pockets reinforced with metallic rivets at stress points / Belt loop with D-ring / Reflective piping at leg ends / OEKO-TEX® certified.

MATERIAL 60% cotton, 40% polyester. WEIGHT 330 g/m<sup>2</sup> COLOUR 540 Dark Navy, 900 White, 940 Black, 941 Dark Grey. SIZE C44-C62, D84-D120.















### 3 SHORTS 2102 CYD

### **ARTICLE NO** 116701

2 front pockets, 1 with phone pocket / D-ring on belt loop / 2 loose-hanging CORDURA® reinforced outside pockets, 1 with zip pocket, 1 with 3 smaller pockets and tool loop / 2 CORDURA® reinforced slanting back pockets / Right leg pocket with pen holder, button and loop for sheath knife and CORDURA® reinforced folding rule pocket / Left multifunction leg pocket with phone pocket, ID card pocket, zip pocket and large inside pocket with snap fastener / Pockets reinforced with metallic rivets at stress points / Contrast seams / OEKO-TEX® certified.

MATERIAL 60% cotton, 40% polyester. WEIGHT 330 g/m<sup>2</sup>. COLOUR 540 Dark Navy, 842 Dark Khaki, 900 White.

940 Black, 941 Dark Grey. SIZE C44-C62























### 1 TROUSERS 229 DY

**ARTICLE NO** 100262

Double reinforced crotch seam / 2 loose-hanging pockets reinforced with CORDURA® and rivets - 1 with extra pocket, 1 with 3 small pockets and tool loops / 2 front pockets / 2 extra wide lined back pockets / 2 hammer loops / Folding rule pocket over side seam, reinforced with CORDURA® – with loose bottom, button and loop for sheath knife and pen pocket / Phone pocket with flap / Leg pocket with zip and loose bottom / CORDURA® reinforced pre-shaped knees / Height-adjustable knee pockets / Reflective tape on back of knees / CORDURA® reinforced leg ends / OEKO-TEX® certified.

MATERIAL 100% cotton denim, unwashed, coloured back for Indigo Blue. Reinforcements 100% Polyamide. WEIGHT 385 g/m². COLOUR 545 Indigo Blue, 940 Black

SIZE C44-C60, C146-C156, D92-D120.











**ARTICLE NO** 100264

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

MATERIAL 100% cotton denim, unwashed, coloured back for Indigo Blue. WEIGHT 385 g/m<sup>2</sup>

COLOUR 545 Indigo Blue, 940 Black SIZE C44-C62, C146-C156, D92-D120.

















### 3 3/4 TROUSERS 2149 DY

**ARTICLE NO** 113137

Double reinforced crotch seam / 2 loose hanging pockets reinforced with CORDURA® and rivets – 1 with extra pocket, 1 with three small pockets and tool loops / 2 front pockets / 2 lined back pockets with extra width / 2 hammer loops / Folding rule pocket over side seam, CORDURA® reinforced pocket with loose bottom, button and loop for sheath knife and pen pocket / Mobile phone pocket with flap / Leg pocket with zip and loose bottom / CORDURA® reinforced knees, height-adjustable knee pockets / Reflector piping on back of knees / Adjustable strap with velcro fastening at bottom / OEKO-TEX® certified.

MATERIAL 100% cotton indigo raw state denim. WEIGHT 385 g/m². COLOUR 545 Indigo Blue. SIZE C44-C62.













### 4 3/4 TROUSERS 270 DY

**ARTICLE NO** 100263

2 front pockets, one with coin pocket / 2 back pockets / Leg pocket with extra pocket / Leg pocket with zip, extra pocket and mobile phone pocket / Pre-shaped knees / Adjustable leg ends / OEKO-TEX® certified.

MATERIAL 100% cotton denim, unwashed, coloured back. WEIGHT 385 g/m². COLOUR 545 Indigo Blue. SIZE C44-C62.









**NEW** 

WITH HARDWEARING CORDURA® STRETCH

1

WINDPROOF AND WATER-REPELLENT SOFT SHELL

2

Adjustable width with extra zip. Can also be worn over a jacket.











### 1 TROUSERS 2072 CYD

**ARTICLE NO** 109218

Contrast colour CORDURA®-reinforced stretch panels for maximum comfort and ease of movement / Contrast stitching / 2 loose-hanging CORDURA®reinforced external pockets, 1 with 3 smaller CORDURA®-reinforced pockets and tool loop, 1 with CORDURA®-reinforced zip pocket / 2 front pockets, 1 with phone pocket with velcro fastening / Back pockets in CORDURA® stretch / Left leg pocket with pen holder, button and loop for sheath knife, and CORDURA®-reinforced folding rule pocket / Right leg pocket with flap and inside pocket / Double reinforced crotch seam / Pockets reinforced with metallic rivets at stress points / Perforated, CORDURA®-reinforced height-adjustable external knee pockets with velcro fastenings easily accessible from above / CORDURA® reinforced leg end adjustable with snap fastener.

 $\textbf{MATERIAL}~60\%~cotton, 40\%~polyester.~\textbf{WEIGHT}~330~g/m^2.$ COLOUR 940 Black. SIZE C44-C60, C146-C156, D84-D120.













### 2 TROUSERS 2073 WY

**ARTICLE NO** 110315

3-layer, breathable, windproof and water resistant soft shell fabric / Pre-shaped knees / Contrast seams / Double reinforced crotch seam / 2 loosehanging CORDURA® reinforced outside pockets, 1 with zip pocket, 1 with 3 smaller pockets and tool loop / 2 front pockets, 1 with phone pocket / 2 CORDURA® reinforced slanting back pockets / Right leg pocket with pen holder, button and loop for sheath knife, and CORDURA® reinforced ruler pocket / Left multifunction leg pocket with phone pocket, ID card pocket, zip pocket and large inside pocket with press stud / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA®-reinforced leg end, adjustable with press studs / Pockets reinforced with metallic rivets at stress points / D-ring on belt loop / Reflective piping at leg ends / OEKO-TEX

MATERIAL 100% polyamide. WEIGHT 220 g/m $^2$ . SIZE C44-C62, C146-C156, D84-D120.















### **3 WAISTCOAT 5905 CYD**

**ARTICLE NO** 121315

Mesh panel at shoulders and at back / Adjustable width at front closure / Button and loop for knife / 2 vertical chest pockets with zippers / 2 bellowed chest pockets, 1 with flap and velcro closure, D-ring under flap, 1 with 2 pen pockets and tool loops / 2 loose-hanging CORDURA® reinforced pockets, 1 with 3 small pockets and tool loops, 1 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, 1 with extra tool pocket / Loosehanging pockets reinforced with metallic riverts 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/m<sup>2</sup>, mesh 295 g/m<sup>2</sup>. COLOUR 540 Dark Navy, 896 Grey/Black, 940 Black. SIZE XS-3XL











### **FUNCTION AND COMFORT**

The 37.5™ technology is based on active carbon molecules extracted from coconut shells. The active carbon is mixed with various textile fibres, improving the properties of the material. The 37.5™ technology rapidly transports moisture away from the body, absorbs odours and dries very quickly. In addition, its built-in UV protection shields you from the sun's ravs - in a natural wav.







### 1 37.5° T-shirt 7405 TCY

### **ARTICLE NO** 100966

Transports moisture / Absorbs odour / Dries very quickly / Offers UV protection UPF 30+ / Flatlock stitching at sleevehole and shoulder for comfort / Drop shoulder at front / V-stitch at neck / Taped neck edge / Y embroidery on shoulder.

MATERIAL 55,5% polyester, 44,5% polyester 37.5™ by Cocona technology. WEIGHT 145 g/m<sup>2</sup> COLOUR 940 Black











### 2 37.5° T-shirt 7404 TCY

### **ARTICLE NO** 100965

Transports moisture / Absorbs odour / Dries very quickly / Offers UV protection UPF 30+ / Flatlock stitching at sleevehole and shoulder for comfort / Drop shoulder at front / V-stitch at neck / Taped  ${\sf neck\,edge\,/\,Y\,embroidery\,on\,shoulder}.$ 

MATERIAL 55,5% polyester, 44,5% polyester 37.5™ by Cocona technology. WEIGHT 145 g/m<sup>2</sup> COLOUR 131 Bright Yellow, 530 Royal Blue, 539 True Navy, 940 Black. SIZE XS-3XL.





### 3 37.5° JACKET 4825 FCY

### **ARTICLE NO** 100960

Grid fleece / Raglan sleeve / Flatlock stitching detail / Right chest pocket with zip.

MATERIAL 60% polyester 37.5™ by Cocona Technology, 33% polyester, 7% Elastane. WEIGHT 272 g/m2. COLOUR 540 Dark Navy, 940 Black. SIZE XS-3XL.















### 4 37.5° T-shirt 7710 MCY

### **ARTICLE NO** 110310

Insulating merino wool and polyester fabric / Moisture wicking / Quick drying / Odour control / UV protection / Round neck / Rib-knitted cuffs / Flatlock stitching.

MATERIAL 65% merino wool, 35% polvester 37.5™ by Cocona technology. WEIGHT 120 g/m2. COLOUR 940 Black.







### 5 37.5° Long Johns 7711 MCY

### **ARTICLE NO** 110312

Insulating merino wool and polyester fabric / Moisture wicking / Fast drying / Odour control / UV protection / Rib-knitted cuffs / Flatlock stitching.

MATERIAL 65% merino wool, 35% polyester 37.5™ by Cocona technology. WEIGHT 120 g/m². COLOUR 940 Black.







### WATER AND WINDPROOF SHELL JACKET



Chest pocket with zip

Map pocket with inside mobile phone pocket, also accessible when the garment is closed.

2 inside pockets, one with zip

Reflective detailing

Front pockets with zip

Elastic inner cuff with thumb grip

Adjustable drawstring at hem Extended back



### **AIRTECH®**

Airtech® is a functional material that protects against the wet, wind and snow. The material is water and windproof and breathable. Waterpillar 10,000 mm. All exposed seams are taped.









### 1 Airtech® Jacket 4906 GTT

**ARTICLE NO** 120963

Airtech® breathable, wind and waterproof / Detachable hood with adjustable strap and drawstring / 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 from outside / 2 front pockets with zip / Adjustable drawstring at hem / Ventilation panel at back / Extended back / 2 inside pockets, 1 with velcro fastening and 1 with zip / Zip in lining for easy embroidery and transfer / Mesh lining / Pre-shaped elbows / Adjustable width at sleeve end / Elastic inner cuff with thumb grip / Reflective print at sleeves, mid-back and at hood / Waterpillar 10.000mm / Approved according to EN 343 class 3/3.

MATERIAL Airtech®, 100% polyester, breathable, wind and waterproof. Lining: 100% polyamide. WEIGHT Outer fabric 150 g/m², lining 90 g/m² COLOUR 556 Navy/Hi-Vis Yellow, 940 Black, 984 Black/Hi-Vis Orange.

















### 2 AIRTECH® JACKET 4916 GTT

**ARTICLE NO** 121651

 ${\sf Airtech}^{\circledcirc}\ breathable, water and\ windproof\ /\ {\sf Fully\ lined\ /\ Fleece-lined\ collar\ /\ }$ Detachable lined hood with adjustable strap and drawstring / Front placket opening with zip to top of collar and velcro fastening / 1 front chest pocket with zip / 2 front pockets with zip / Map pocket with inside mobile phone pocket accessible from outside / 2 inside pockets / Zip in lining for easy embroidery and transfer / Adjustable drawstring at waist / Pre-shaped sleeves / Adjustable width at sleeve end / Elastic inner cuff with thumb grip / Reflective details at sleeves and back / Waterpillar 10.000mm / Garment approved according to EN 343 class 3/1 and EN 342. Material approved according to EN 343 class 3/3

MATERIAL 100% polyester, breathable, wind and waterproof. Quilted lining: 100% Polyester. **WEIGHT** Outer fabric 150 g/m², lining 130 g/m². **COLOUR** 556 Navy/Hi-Vis Yellow, 984 Black/Hi-Vis Orange.











- Very elastic micro fleece
- Transports moisture and dries very quickly
- Lightweight and flexible with high heat capacity
- Smooth outside, easy to brush clean





### 1 T-SHIRT 7906 TY

**ARTICLE NO** 110308

Contrast stitching / Contrast raglan insert / Yembroidery at shoulder.

MATERIAL 95% Cotton, 5% Spandex. WEIGHT 200 g/m². COLOUR 131 Bright Yellow, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE XS-3XL.









### 2 SWEATSHIRT 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% spandex micro fleece. WEIGHT 230 g/m². COLOUR 940 Black. SIZE XS-4XL.







POLO KNIT MATERIAL WITH RIPSTOP REINFORCEMENTS



### **3 HOODED SWEATSHIRT WITH ZIP 7783 LYS**

**ARTICLE NO** 110309

Full length contrast colour front zip / 2 front pockets in polyamide ripstop with button closure / Elbows reinforced with polyamide / Reflective piping / Rib-knitted cuffs and bottom / Yembroidery at shoulder.

MATERIAL 100% polyester. WEIGHT 305 g/m². COLOUR 540 Dark Navy, 940 Black. SIZE XS-3XI





### **4 SWEATSHIRT 783 LY**

**ARTICLE NO** 100401

Zip with yellow contrast / Raglan sleeves / Adjustable hood / 2 front pockets with zip.

MATERIAL 80% polyester, 20% cotton, brushed inside. WEIGHT 300 g/m². COLOUR 940 Black.











### **AIRTECH**°

### 1 FLEECE JACKET 4411 FLE

**ARTICLE NO** 115683

Breathable, wind and waterproof lining / Zip to top of collar with inside placket / 1 chest pocket with zip / 2 front pockets with zip / Inside mobile phone pocket and inside pocket with zip / Elastic at cuffs / Adjustable bottom hem with drawstring / Reflective details at back and front.

MATERIAL 100% polyester. WEIGHT Outer fabric 290 g/m², lining 160 g/m². COLOUR 540 Dark Navy, 896 Grey/Black, 940 Black. SIZE XS-3XL.



### 2 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 farbic 200g/m2. COLOUR 598 Navy/Black, 940 Black, 896 Grey/Black. SIZE 598 Navy/Black, 896 Grey/Black XS-4XL. 940 Black



### 3 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 / Constrast 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.









### WIND-PROOF KNITTED GARMENTS

Knitted sweater and jacket with windproof elastic lining to provide great freedom of movement. The garments have reinforcements on the shoulders and arms in hard-wearing ripstop material.







### 1 KNITTED JACKET 7101 BLK

**ARTICLE NO** 121627

Stretch windcheater lining / 5 gauge knit / Contrast stitching / Full zip / Chest pocket with zip / Ripstop reinforcement at shoulders and elbows / Rib-knitted cuffs and hem

MATERIAL 65% cotton, 35% acrylic. WEIGHT 450 g/m². COLOUR 940 Black. SIZE XS-3XL.



### 2 FLEECE 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.

MATERIAL 100% polyester, brushed inside. WEIGHT 300 g/m². COLOUR 397 Red/Black, 597 Blue/Black, 896 Grey/Black. SIZE XS-3XL.



### **3 KNITTED SWEATER WITH ZIP 7100 BLK**

**ARTICLE NO** 110609

Stretch windcheater lining / Heavy knit / Contrast stitching / Half zip at neck / Chest pocket with zip / Ripstop reinforcement at shoulders and elbows / Ribknitted cuffs and hem.

MATERIAL 65% cotton, 35% acrylic. WEIGHT 450 g/m². COLOUR 940 Black. SIZE XS-3XL.



### **4 FLEECE PULLOVER HALF ZIP 7450 PRKN**

**ARTICLE NO** 114031

Melange fabric / Flatlock stitch / Nylon reinforced with ripstop at shoulders and sleeves / Half zip at front / Pockets at front reinforced with rivets / Reflective detail at right sleeve and bottom back.

MATERIAL 100% polyester, brushed inside. WEIGHT 300 g/m² COLOUR 397 Red/Black, 597 Blue/Black, 896 Grey/Black. SIZE XS-3XL.





### 1 SHIRT 7445 LF

### **ARTICLE NO** 110077

Fully lined, checked flannel shirt / Snap fastening / Slit in side seam for easy movement / 2 chest pockets with buttons, one with pen pocket.

MATERIAL Outer fabric 100% cotton, lining

100% polyester. WEIGHT Outer fabric 165 g/m², lining 120 g/m². COLOUR 557 Blue/Yellov SIZE XS-3XL











### **ARTICLE NO** 100792

Red contrast lining / Ribbing on sleeves and collar / Zip at front / 2 front pockets.

MATERIAL 100% Polyester. WEIGHT 250 g/m<sup>2</sup>. COLOUR 940 Black. SIZE XS-3XL.









### 5 WAISTCOAT 5302 PDQ

### **ARTICLE NO** 101024

With red contrasting lining / Front zip / 2 front pockets / Inside pocket / Rib-knit collar.

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











### 2 SHIRT 431 VL

### **ARTICLE NO** 100629

Chest pocket / Band around neck / Cuffs with button / Belts tie around waist / OEKO-TEX®

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









### 4 SHIRT 7388 KC

### **ARTICLE NO** 100736

Drawstring at neck / Inside pocket / Sleeve pocket / 2 side pockets.

MATERIAL 100% combed cotton. WEIGHT 350 g/m². COLOUR 540 Dark Navy. SIZE S-4XL.







### 6 SHIRT 7421 MSF

### **ARTICLE NO** 104986

Brushed inside / Long-sleeved / 2 chest pockets / Extended back.

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













### 1 T-SHIRT 7447 RTT

**ARTICLE NO** 111261

Rib-knitted collar / Contrast stitching / Contrast colour panel on shoulder and sleeve.

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



### 2 T-SHIRT 7005 LZT

**ARTICLE NO** 113912

Enzyme washed / Round rib-knitted neck / Taped neck seam / Printed label at neck / Graphic print on front / Label at hem.

MATERIAL 100% cotton. WEIGHT 160 g/m². COLOUR 542 Washed Blue, 947 Washed Black. SIZE XS-3XL.



### **3 POLO SHIRT 7448 RTP**

**ARTICLE NO** 111262

Contrast stitching / Contrast colour on shoulder and sleeve / Flat knit collar with yarn dyed stripe / Contrast colour neck insert.

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



### 4 SWEATSHIRT 7008 LZS

**ARTICLE NO** 113915

Enzyme washed / Rib-knitted neck, cuffs and hem / Printed label at neck / Raglan sleeve / Label at hem.

MATERIAL 100% cotton. WEIGHT 360 g/m². COLOUR 542 Washed Blue, 947 Washed Black SIZE XS-3XL.



### 5 SWEATSHIRT WITH ZIP 7449 RTS

**ARTICLE NO** 111263

Contrast stitching / Contrast on shoulder, sleeve and outside collar / Short zip at collar / Contrast colour collar insert / Rib-knitted cuffs and bottom.

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



### 6 LS T-SHIRT 7006 LZT

**ARTICLE NO** 113913

Enzyme washed / Round rib-knitted neck / Taped neck seam / Printed label at neck / Raglan sleeve / Graphic print on front / Label at hem.

MATERIAL 100% cotton. WEIGHT 160 g/m². COLOUR 542 Washed Blue. SIZE XS-3XL.





### **SWEATERS IN COMFORTABLE** STRETCH MATERIAL

Comfortable sweaters in elastic material with a smooth surface that is easy to brush clean. The inside is soft brushed for extra comfort.







### 1 SWEATSHIRT HALF ZIP **7452 PFKN**

ARTICLE NO 114033

Flatlock stitch / Half zip at front / Zip pocket at right chest, leaving left side for logo / Reflective tape at front.

MATERIAL 100% polyester. WEIGHT 255 g/m². COLOUR 586 Navy/Grey, 940 Black, 996 Black/Grey. SIZE XS-3XL.









### 2 SWEATSHIRT HOOD 7454 PFKN

**ARTICLE NO** 114035

Flatlock stitch / Adjustable hood with drawstring / Kangaroo pocket at front / Ribbed at bottom and sleeve / Reflective tape at front.

MATERIAL 100% polyester. WEIGHT 255 g/m². COLOUR 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE XS-3XL.







### **7453 PFKN**

**3 SWEATSHIRT JACKET** 

**ARTICLE NO** 114034

Flatlock stitch / Long zip at front / Zip pocket at right chest, leaving left side for logo / Reflective tape at front

MATERIAL 100% polyester.

WEIGHT 255 g/m<sup>2</sup>.

COLOUR 586 Navy/Grey, 940 Black, 996 Black/Grey.









Our 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 60 years.



### 1 WAISTCOAT TROUSERS 1044 FAS

### **ARTICLE NO** 121311

Two-way zip down front / 2 loose-hanging chest pockets with snap fastening, 1 with lock, 1 with penpocket, buttons and loops for knife / Belt loops / 2 tuckable, CORDURA® reinforced loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / Stretch panel at back / 2 back pockets, 1 with flap / 2 hammer loops / Folding rule pocket with button and loop for knife / Leg pocket with tuckable id-card holder, mobile phone pocket and flap / CORDURA® reinforced knee pockets / Adjustable leg length with 5 cm hem allowance / OEKO-TEX  $^{\!\circ}$  certified.

MATERIAL 100% cotton. Stretch material 100% polyester.

WEIGHT 375 g/m2. Stretch material 230 g/m2

COLOUR 541 Blue, 940 Black SIZE C44-C66, D96-D128,





### 2 BIB'N'BRACE 51 FAS

### **ARTICLE NO** 100310

Two-way zip down front / CORDURA® reinforced knee pockets / 2 tuckable, CORDURA® reinforced loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / 2 large front and back pockets / Folding rule pocket / Leg pocket with tool pocket / Pen pocket / 2 loose-hanging chest pockets with fastening / Button and loop for sheath knife / 2 hammer loops, 1 adjustable / OEKO-TEX® certified.

MATERIAL FAS® Fristads Kansas 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-C60, C146-C156, D92-D132. 940 Black C44-C60, C146-C156.







### **3 WAISTCOAT 511 FAS**

### **ARTICLE NO** 100309

Extended back / 2 front pockets with button, 1 with flap, 1 with button, pen pocket and mobile phone pocket with flap / Button and loop for sheath knife /  $2\,\text{CORDURA}^{\oplus}$  reinforced loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops /  $2\,\text{CORDURA}^{\oplus}$  reinforced loose-hanging back pockets with extra tool pocket / 2 hammer loops, 1 adjustable / Belt loops / OEKO-TEX® certified.

 $\textbf{MATERIAL} \ \mathsf{FAS}^{\circledast}, \mathsf{Fristads} \ \mathsf{Kansas} \ \mathsf{best} \ \mathsf{twill}, 100\% \ \mathsf{cotton}. \ \mathsf{Pockets} \ \mathsf{exposed} \ \mathsf{to} \ \mathsf{wear} \ \mathsf{and}$ tear reinforced with 100% polyamide. WEIGHT 375 g/m2. COLOUR 940 Black.











### 4 TROUSERS 265K FAS

### **ARTICLE NO** 100286

CORDURA® reinforced knee pockets / 2 tuckable, CORDURA® reinforced loosehanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / 2 large front and back pockets / Concealed ID-card pocket / Folding rule pocket /Pen pocket / Mobile phone pocket / Tool pocket/leg pocket with flap / Carpet-fitter pocket / 2 hammer loops, 1 adjustable / Button and loop for sheath knife / OFKO-TEX® certified.

MATERIAL FAS®, Fristads Kansas 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.

















### 1 TROUSERS 250 FAS

### **ARTICLE NO** 100280

Pre-shaped knees / CORDURA® reinforced knee pockets with opening for heightadjustable knee pads /2 front and back pockets with bellows pleat / 2 tuckable, CORDURA® reinforced loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / Leg pocket with mobile phone pocket and tool pocket / Folding rule pocket over side seam / Tool pocket / Pen pocket / Button and loop for sheath knife / Smaller leg pocket with flap / 2 hammer loops / 2 D-rings / OEKO-TEX® certified.

MATERIAL FAS® Fristads Kansas best twill, 100% cotton. Pockets exposed to wear and tear reinforced with 100% CORDURA®. WEIGHT  $375\,\mathrm{g/m^2}$ . COLOUR 541 Blue, 940 Black

SIZE C44-C60, C146-C156, D92-D120.

















### 2 3/4 TROUSERS 283 FAS

### **ARTICLE NO** 100291

Pre-shaped knees / Adjustable leg bottoms / CORDURA® reinforced knee pockets with opening for height-adjustable knee pads / 2 tuckable, CORDURA® reinforced loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / 2 front and back pockets with bellows pleat / Leg pocket with pocket and tool pocket / Folding rule pocket over side seam / Concealed ID-card holder / Tool pocket / Pen pocket / Button and loop for sheath knife / 2 hammer loops / 2 D-rings / OEKO-TEX® certified.

MATERIAL FAS®, Fristads Kansas best twill, 100% cotton. Knees reinforced with 100% polyamide. WEIGHT 375 g/m<sup>2</sup>. COLOUR 541 Blue, 940 Black

SIZE C44-C62, D84-D120











### 3 SHORTS 275 FAS

### **ARTICLE NO** 100288

2 tuckable, loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool pocket / 2 front and back pockets / Folding rule pocket / Mobile phone pocket / Pen pocket / Tool pocket / Button and loop for sheath knife /Hammer loop / D-ring / OEKO-TEX® certified.

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













### 4 TROUSERS 255K FAS **TROUSERS 253K FAS**

ARTICLE NO 100282 (255K FAS) ARTICLE NO 100281 (253K FAS, Woman)

CORDURA® reinforced knee pockets / 2 tuckable, CORDURA® reinforced loosehanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / 2 large front and back pockets / Concealed ID-card pocket / Folding rule pocket / Pen pocket / Mobile phone pocket / Tool pocket / Leg pocket with flap / 2 hammer loops, 1 adjustable / Button and loop for sheath knife / OEKO-TEX® certified.

### 100282 (255K FAS)

MATERIAL FAS®, Fristads Kansas best twill, 100% cotton. Pockets exposed to wear and tear reinforced with 100% polyamide. WEIGHT 375 g/m².

COLOUR 541 Blue, 940 Black, 941 Dark Grey.

SIZE 541 Blue C44-C64, C144-C156, D84-D128. 730 Green C44-C60, C146-C156. 940 Black C44-C60, C144-C156, D84-D120, 941 Dark Grev C44-C66, C144-C160, D84-D120,

100281 (253K FAS, Woman) COLOUR 541 Blue, 940 Black SIZE 034-050

















### 1 JACKET 451 FAS

### **ARTICLE NO** 100304

Zip to top of collar / Ventilated back / Adjustable cuffs and hem / Security pocket / 2 front pockets / 2 chest pockets with flap and button, 1 with button and loop for sheath knife, 1 with tool loops / Concealed ID-card pocket / Sleeve pocket / Inside pocket with button / Inside mobile phone pocket / OEKO-TEX® certified.

MATERIAL FAS®, Fristads Kansas best twill, 100% cotton, WEIGHT 375 g/m<sup>2</sup>. COLOUR 541 Blue, 940 Black. SIZE XS-3XL















### 2 TROUSERS 2140 FASI

### **ARTICLE NO 113862**

Double reinforced crotch seam / 2 loose-hanging CORDURA® reinforced outside pockets, 1 with zip pocket, 1 with 3 smaller pockets and tool loop / 2 front pockets, 1 with phone pocket / 2 slanted back pockets / Right leg pocket with pen holder, button and loop for sheath knife and CORDURA® reinforced folding rule pocket / Left multifunction leg pocket with phone pocket, ID-card pocket and large inside pocket with snap fastening / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA® reinforced leg ends adjustable with snap fastenings / Pockets reinforced with metallic rivets at stress points / D-ring on front belt loop and at back yoke / Wide belt loop at mid back / OEKO-TEX® certified.

MATERIAL 100% cotton, dirt, oil and water-repellent. WEIGHT 390 g/m². COLOUR 541 Blue, 940 Black, 941 Dark Grey. SIZE C44-C66, C146-C156, D96-D120.













### **3 JACKET 447 FAS**

### **ARTICLE NO** 100303

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 / Inside mobile phone pocket / Inside pocket with button / Ventilated back / Sleeve pockets / Adjustable cuffs and hem / Visable yoke / Reflective tape at shoulder, sleeves and back / OEKO-TEX® certified.

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















### 4 TROUSERS 247 FAS

### **ARTICLE NO** 100279

2 tuckable CORDURA  $^{\scriptsize \odot}$  reinforced loose-hanging front pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops tuckable in front opening/2 front and back pockets with bellows pleat / 2 D-rings at waistband / Leg pocket with flap and snap fastening, phone pocket with flap and velcro fastening, concealed ID-card holder / 2 Hammer loops / Folding rule pocket in CORDURA® over side seam with tool pocket, pen pocket and 2 buttons and loops for 2 sheath knifes / Pre-shaped knees /CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / Approved according to EN ISO 20471 class 1 / OEKO-TEX $^{\circ}$  certified.

MATERIAL FAS® Fristads Kansas 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.













### 1 JACKET 459 FAS

### **ARTICLE NO** 100305

 ${\it Zip\ to\ top\ of\ collar\ /\ Ventilated\ back\ /\ Adjustable\ cuffs\ and\ hem\ /\ Security\ pocket\ po$ 2 front pockets / 2 chest pockets with flap and button, 1 with button and loop for sheath knife, 1 with tool loops / Sleeve pocket / Inside pocket with button / Inside mobile phone pocket / Earpiece loop / OEKO-TEX® certified.

MATERIAL FAS®, Fristads Kansas best twill, 100% cotton. WEIGHT 375 g/m². COLOUR 940 Black















### 2 3/4 TROUSERS 264 FAS

### **ARTICLE NO** 100285

Pre-shaped knees / CORDURA® reinforced knee pockets with opening for heightadjustable knee pads / Adjustable leg bottoms / 2 tuckable, CORDURA® reinforced loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / 2 front pockets / 2 large, CORDURA® reinforced back pockets / Folding rule pocket with button and loop for sheath knife / Pen pocket over side seam / Mobile phone pocket with flap / Leg pocket with flap and concealed ID-card pocket / 2 hammer loops / D-ring / OEKO-TEX® certified.

 $\textbf{MATERIAL} \ \mathsf{FAS}^{\circledast}, \mathsf{Fristads} \ \mathsf{Kansas} \ \mathsf{best} \ \mathsf{twill}, 100\% \ \mathsf{cotton}. \ \mathsf{Reinforcements} \ \mathsf{in} \ 100\%$ polyamide. WEIGHT 375 g/m². COLOUR 940 Black SIZE 044-062













### 3 SHORTS 201 FAS

### **ARTICLE NO** 100276

2 loose-hanging, tuckable front pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / 2 front pockets / 2 large back pockets / Folding rule pocket over side seam button and loop for sheath knife and pen pocket / Mobile phone pocket with flap / Leg pocket with flap and concealed ID-card pocket / 2 hammer loops / D-ring / OEKO-TEX® certified.

MATERIAL FAS® Fristads Kansas best twill, 100% cotton. WEIGHT 375 g/m². COLOUR 541 Blue, 940 Black, 941 Dark Grey.















### 4 TROUSERS 288 FAS

### **ARTICLE NO** 100293

Pre-shaped knees / CORDURA® reinforced knee pockets with opening for height-adjustable knee pads / 2 tuckable, CORDURA® reinforced loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / 2 front pockets / 2 large, CORDURA® reinforced back pockets / Folding rule pocket with button and loop for sheath knife and pen pocket over side seam / Mobile phone pocket with flap / Leg pocket with flap and concealed ID-card pocket / 2 hammer loops / D-ring / OEKO-TEX® certified.

MATERIAL FAS®, Fristads Kansas 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.











Polydex is a very hardwearing, colourfast and easycare material made of 100% polyester. The garment is dirt, oil and water-repellent. The soft brushed inside provides excellent comfort.

COTTON/ CORDURA\* DIRT, OIL AND WATER-REPELLENT













### 1 TROUSERS 250 CORD

### **ARTICLE NO** 100253

Pre-shaped knees / CORDURA® reinforced knee pockets with opening for heightadjustable knee pads / 2 large front and back pockets / 2 tuckable, CORDURA® reinforced, loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / Leg pocket with tool pocket and mobile phone pocket / Folding-ruler pocket over side seam / Tool pocket / Pen pocket / Small leg pocket with flap / Button and loop for sheath knife / 2 hammer loops / 2 D-rings / OEKO-TEX® certified

MATERIAL 55% cotton, 45% polyamide. Pockets exposed to wear and tear reinforced with 100% polyamide. WEIGHT 265 g/m². COLOUR 540 Dark Navy. SIZE C44-C60, C146-C156, D92-D116.













### 2 TROUSERS 265K AD

### **ARTICLE NO** 100083

CORDURA® reinforced knee pockets / 2 tuckable, loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / 2 large front and back pockets / Folding rule pocket / Pen pocket / Mobile phone pocket / Tool pocket / Leg pocket with flap / Carpet-fitter pocket / 2 hammer loops, 1 adjustable / Button and loop for sheath knife / OEKO-TEX® certified.

MATERIAL Polydex, 100% polyester, brushed inside. Knee pockets in 100% polyamide. WEIGHT 245 g/m<sup>2</sup> COLOUR 930 Grey.

SIZE C44-C60, C146-C156, D92-D116.













### 4 BIB'N'BRACE 51 AD

**3 TROUSERS 255K AD** 

**ARTICLE NO** 100082

knife / OEKO-TEX® certified.

COLOUR 520 Middle Blue, 940 Black.

SIZE C44-C60, C146-C156, D92-D116.

WEIGHT 245 g/m<sup>2</sup>.

### **ARTICLE NO** 100085

 ${\tt CORDURA}^{\tt o} \ {\tt reinforced} \ {\tt knee} \ {\tt pockets} \ {\tt / Two-way} \ {\tt zip} \ {\tt down} \ {\tt front} \ {\tt /} \ {\tt 2} \ {\tt tuckable}, loose-the {\tt constant} \ {\tt$ hanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / 2 large front and back pockets / Folding rule pocket / Leg pocket with tool pocket / Mobile phone pocket / 2 hammer loops, 1 adjustable / Pen pocket / 2 loose-hanging chest pockets with fastening / Button and loop for sheath knife / OEKO-TEX® certified.

CORDURA® reinforced knee pockets / 2 tuckable, loose-hanging pockets, 1 with

Leg pocket with flap / 2 hammer loops, 1 adjustable / Button and loop for sheath

MATERIAL Polydex, 100% polyester, brushed inside. Knee pockets in 100% polyamide.

extra pocket, 1 with 3 small pockets and tool loops / 2 large front and back pockets / Folding rule pocket / Pen pocket / Mobile phone pocket / Tool pocket /

MATERIAL Polydex, 100% polyester, brushed inside. Knee pockets in 100% polyamide. WEIGHT 245 g/m<sup>2</sup>.

COLOUR 520 Middle Blue, 940 Black.

SIZE 520 Middle Blue C44-C60, C146-C156. 940 Black C44-C60.









### BETTER COMFORT IN HIGH **TEMPERATURE ENVIRONMENTS**

Functional craftsman garments with extra high "breathability". With ventilation mesh at selected points that let out the excess heat. Perfect when working in high temperature environments, outdoors as well as indoors. The garments are made from a durable ripstop material of cotton and polyamide that only weighs 240 g/m<sup>2</sup>.















### **1 SHORTS 2092 NYC**

**ARTICLE NO** 113860

Mesh ventilation at back yoke / Double reinforced crotch seam / 2 loose-hanging CORDURA® reinforced outside pockets, 1 with zip pocket, 1 with 3 smaller pockets and tool loop / 2 front pockets, 1 with phone pocket / 2 slanted back pockets / Right leg pocket with pen holder, button and loop for sheath knife and CORDURA® reinforced folding rule pocket / Left multifunction leg pocket with phone pocket, ID-card pocket and large inside pocket with snap fastening / Pockets reinforced with metallic rivets at stress points / D-ring on front belt loop and at back yoke / Wide belt loop at mid back / OEKO-TEX® certified.

MATERIAL 50% cotton, 50% polyamide. WEIGHT 240 g/m<sup>2</sup>. COLOUR 540 Dark Navy, 940 Black. SIZE C44-C62.













### 2 TROUSERS 2090 NYC

**ARTICLE NO** 113236

Mesh ventilation at back yoke and knee / Double reinforced crotch seam / 2 loose-hanging CORDURA® reinforced outside pockets, 1 with zip pocket, 1 with 3 smaller pockets and tool loop / 2 front pockets, 1 with phone pocket / 2 slanted back pockets / Right leg pocket with pen holder, button and loop for sheath knife and CORDURA® reinforced folding rule pocket / Left multifunction leg pocket with phone pocket, ID-card pocket and large inside pocket with snap fastening / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA® reinforced leg ends adjustable with snap fastenings / Pockets reinforced with metallic rivets at stress points / D-ring on front belt loop and at back yoke / Wide belt loop at mid back / OEKO-TEX® certified.

MATERIAL 50% cotton, 50% polyamide. WEIGHT 240 g/m<sup>2</sup>. COLOUR 540 Dark Navy, 940 Black. SIZE C44-C62, C146-C156, D92-D120.













### **3 TROUSERS 2093 NYC**

**ARTICLE NO** 114026

Mesh ventilation at back yoke and knee / Double reinforced crotch seam / 2 loose-hanging CORDURA® reinforced outside pockets, 1 with zip pocket, 1 with 3 smaller pockets and tool loop / 2 front pockets, 1 with phone pocket / 2 slanted back pockets / Right leg pocket with pen holder, 2 buttons and loops for sheath knifes and CORDURA® reinforced folding rule pocket / Left multifunction leg pocket with phone pocket, ID-card pocket and large inside pocket with snap fastening / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA® reinforced leg ends adjustable with snap fastenings / Pockets reinforced with metallic rivets at stress points / D-ring on front belt loop and at back yoke / Wide belt loop at mid back / Approved according to EN ISO 20471 class 1 / 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.





















### 1 PRO BIB'N'BRACE 41 PS25

### **ARTICLE NO** 100548

Stretch quality / Two-way zip / CORDURA® reinforced knee pockets with heightadjustable knee pockets / Pre-shaped knees / Chest pockets can be buttoned or loose-hanging / 2 CORDURA® reinforced, tuckable, loose-hanging outside pockets, 1 with extra pocket, 1 with 3 smaller pockets and tool loops / 2 patch front pockets / 2 back pockets with gusset / Folding rule pocket with tool pocket / Pen pocket sewn into right seam / Leg pocket with mobile phone pocket / 2 hammer loops (1 adjustable)/OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, mechanical stretch, brushed inside. WEIGHT 300 g/m<sup>2</sup>.

COLOUR 210 Khaki, 530 Royal Blue, 539 True Navy, 930 Grey, 940 Black. SIZE C44-C66, C146-C156, D96-D120.















### 2 WAISTCOAT 511 PR25

### **ARTICLE NO 100513**

Extended back / 2 loose-hanging chest pockets with button / Mobile phone pocket / Pen pocket / 2 side pockets / 2 loose-hanging pockets / 2 folding rule pockets / Various tool loops / 2 hammer loops / Belt loops / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, brushed inside. WEIGHT 300 g/m². COLOUR 210 Khaki, 530 Royal Blue, 539 True Navy, 930 Grey, 940 Black















### **3 PRO TROUSERS 242 PS25**

### **ARTICLE NO** 100545

Stretch quality / Detachable legs / Pre-shaped knees / CORDURA® reinforced knee pockets with height-adjustable knee pads / 2 CORDURA® reinforced, tuckable, loose-hanging pockets, 1 with extra pocket, 1 with 3 smaller pockets and tool loops / 2 patch front pockets / 2 back pockets with gusset / Folding rule pocket with tool pocket / Pen pocket sewn onto right side seam / Leg pocket with mobile phone pocket / 2 hammer loops/D-ring / OEKO-TEX® certified.

MATERIAL~65%~polyester, 35%~cotton, mechanical stretch, brushed inside.WEIGHT 290 g/m<sup>2</sup>.

COLOUR 210 Khaki, 940 Black. SIZE C44-C66, C146-C156, D96-D120.







### 4 PRO TROUSERS 251 PS25

### **ARTICLE NO** 100546

Stretch quality/ Pre-shaped knees / CORDURA® reinforced knee pockets with opening for height-adjustable knee pads / 2 front and back pockets / Leg pocket with mobile phone pocket - both with flap - and concealed ID card pocket / Folding rule pocket with pen pocket and button and loop for sheath knife / D-ring / 2 hammer loops / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, mechanical stretch, brushed inside. Knee pockets of 100% polyamide. **WEIGHT** 290 g/m². **COLOUR** 930 Grey. **SIZE** C44-C62, C146-C156, D96-D120.









### **PS25 - COMFORTABLE** AND FUNCTIONAL

Our PS25 collection provides extra comfort during work in which you need to move around a lot because the material has mechanical stretch and can be stretched "along the width". The quality is made from durable 65% polyester, 35% cotton with soft brushed inside for increased comfort.







### 1 PRO TROUSERS 288 PS25

**ARTICLE NO** 100547

Stretch quality / Pre-shaped knees / CORDURA® reinforced knee pockets with height-adjustable knee pads / 2 CORDURA® reinforced, tuckable, loose-hanging outside pockets, 1 with extra pocket, 1 with 3 smaller pockets and tool loops / 2 back pockets reinforced with CORDURA® / Slanted pocket with extra-large opening / Folding rule pocket with pen pocket sewn onto right side seam / Leg pocket with mobile phone pocket / D-ring / 2 hammer loops / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, mechanical stretch, brushed inside WEIGHT 290 g/m². COLOUR 299 Khaki/Black, 896 Grey/Black, 940 Black.

SIZE 299 Khaki/Black, 940 Black: C44-C66, C146-C156, D96-D120. 896 Grey/Black: C44-C66, C146-C156, D92-D120.









### 2 PRO TROUSERS 241 PS25 PRO TROUSERS 240 PS25

ARTICLE NO 100544 (241 PS25) ARTICLE NO 100543 (240 PS25, Woman)

Stretch quality / Pre-shaped knees / CORDURA® reinforced knee pockets with height-adjustable knee pads / 2 CORDURA® reinforced, tuckable, loose-hanging pockets, 1 with extra pocket, 1 with 3 smaller pockets and tool loops / 2 patch front pockets / 2 CORDURA® reinforced back pockets with gusset / Folding rule pocket with tool pocket / Pen pocket sewn onto right side seam / Leg pocket with mobile phone pocket / Hammer loop / D-ring / OEKO-TEX® certified.

### 100544 (240 PS25)

MATERIAL 65% polyester, 35% cotton, mechanical stretch, brushed inside. WEIGHT 290 g/m<sup>2</sup>.

COLOUR 210 Khaki, 530 Royal Blue, 539 True Navy, 900 White, 930 Grey, 940 Black. SIZE C44-C66, C146-C156, D96-D120.

100543 (240 PS25, Woman) COLOUR 940 Black SIZE C34-C50.



NEW

# 1 MATCHES THE PS25 COLLECTION PAGES 34-35

### **CHOOSE BETWEEN TWO MATERIALS**

Craftsman trousers in the same model and two different materials. Made in hardwearing and easycare 65% polyester, 35% cotton. Choose between LUXE or flexible P154. Can be combined with garments in our ICON collection, see pages 45-60.







### **WAISTCOAT TROUSER** 1044 PR25

**ARTICLE NO 121312** 

Two-way zip down front / 2 loose-hanging chest pockets with snap fastening, 1 with lock, 1 with penpocket, buttons and loops for knife / Belt loops / 2 tuckable, CORDURA® reinforced loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / Stretch panel at back / 2 back pockets, 1 with flap / 2 hammer loops / Folding rule pocket with button and loop for knife / Leg pocket with tuckable id-card holder, mobile phone pocket and flap / CORDURA® reinforced knee pockets / Adjustable leg length with 5 cm hem allowance / Brushed inside / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, soft nap on reverse side. Stretch 100% polyester. WEIGHT 300 g/m2. Stretch 230 g/m2. COLOUR 940 Black SIZE C44-C66, D96-D128.













### 2 TROUSERS 2084 LUXE

**ARTICLE NO** 120949

2 loose-hanging pockets, left pocket with extra pocket and right pocket with 3 small pockets and tool loops / D-ring at waistband / Hammer loop 2 front pockets / 2 back pockets, 1 with flap / Folding rule pocket with knife holder and pen pocket / Leg pocket with flap and outside mobile phone pocket with flap / Reinforced kneepockets with outside opening for height-adjustable kneepads / Adjustable leg length with 5 cm hem allowance / Triple needle stitching / Leasing laundry-tested according to ISO 15797 / OEKO-TEX®

MATERIAL 65% polyester, 35% cotton. WEIGHT 295 g/m<sup>2</sup>. COLOUR 540 Dark Navy, 900 White, 940 Black. SIZE C44-C66, D84-D120.











### 3 TROUSERS 2084 P154

**ARTICLE NO** 121223

2 front pockets / 2 loose-hanging pockets, left pocket with extra pocket and right pocket with 3 small pockets and tool loops / D-ring at waistband / Hammerloop / 2 back pockets, 1 with flap / Folding rule pocket with knife holder and pen pocket / Leg pocket with flap and outside mobile phone pocket with flap / Reinforced kneepockets with outside opening for height-adjustable kneepads / Adjustable leg length with 5 cm hem allowance / 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, 900 White, 940 Black.

SIZE C44-C66, D84-D120









# PAINTER BRICKLAYER

A collection adapted, tested and selected for painters and bricklayers. The right functions and pockets combined with a truly comfortable and hardwearing cotton quality. Here, we also give suggestions for other garments that can be used with advantage by this target group.













# 1 TROUSERS 258 BM **TROUSERS 259 BM**

ARTICLE NO 100120 (258 BM) ARTICLE NO 100121 (259 BM, Woman)

Pre-shaped knees / CORDURA® reinforced knee pockets with opening for height-adjustable knee pads / 2 CORDURA® reinforced loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets / 2 large front pockets / 2 large, CORDURA® reinforced back pockets / Mobile phone pocket with flap / Folding rule pocket over side seam with tool holder and pen pocket / Leg pocket with flap with extra pocket with concealed ID-card pocket / Button and loop for sheath knife / D-ring / Hammer loop / OEKO-TEX® certified.

MATERIAL 100% cotton twill. WEIGHT 300 g/m². COLOUR 900 White. SIZE C44-C60, C146-C156, D92-D116. DAM SIZE C34-C50.







# 2 TROUSERS 268 BM

**ARTICLE NO** 100122

Pre-shaped knees / CORDURA® reinforced knee pockets with opening for height-adjustable knee pads / 2 side pockets / 2 large, CORDURA® reinforced back pockets / Folding rule pocket over side seam with tool holder and pen pocket / Mobile phone pocket with flap / Leg pocket with flap and extra pocket with concealed ID-card pocket / Button and loop for sheath knife / D-ring / Hammer loop / OEKO-TEX® certified.

MATERIAL 100% cotton twill. WEIGHT 300 g/m<sup>2</sup>. COLOUR 900 White SIZE C44-C60, C146-C156, D92-D116.













# 3 3/4 TROUSERS 245 BM

**ARTICLE NO** 100118

Pre-shaped knees / Adjustable leg bottoms / CORDURA® reinforced knee pockets with opening for height-adjustable knee pads / 2 CORDURA® reinforced loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets / 2 large front pockets / 2 large, CORDURA® reinforced back pockets / Folding rule pocket over side seam with tool holder and pen pocket / Leg pocket with flap / Leg pocket with flap, extra pocket and concealed IDcard pocket / Button and loop for sheath knife / D-ring / Hammer loop / OEKO-TEX® certified.

MATERIAL 100% cotton twill. WEIGHT 300 g/m². COLOUR 900 White. SIZE C44-C60.









# MATERIAL BM

When we developed our collection for painters and bricklayers, we chose a tried and tested material. Our BM quality is a hardwearing and comfortable 100% cotton quality that has been preshrunk. Pockets and reinforcements are in grey CORDURA®.





2









# 1 SHORTS 257 BM

# **ARTICLE NO** 100119

2 CORDURA® reinforced loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets / 2 large front pockets / 2 large, CORDURA® reinforced back pockets / Folding rule pocket over side seam with tool holder and pen pocket / Leg pocket with flap with extra pocket with concealed ID-card pocket / Button and loop for sheath knife / D-ring / Hammer loop / OEKO-TEX® certified.

MATERIAL 100% cotton twill. WEIGHT 300 g/m<sup>2</sup> COLOUR 900 White. SIZE C44-C60.













# 2 WAISTCOAT TROUSERS 58 BM

# **ARTICLE NO** 100125

Pre-shaped knees / Stretch back / CORDURA® reinforced knee pockets with opening for height-adjustable knee pads / Two-way zip down front / 2 chest pockets, 1 with extra pocket, pen pocket and button, 1 with zip / Concealed ID-card holder / 2 CORDURA® reinforced loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets / 2 large front pockets / 2 large, CORDURA® reinforced back pockets / Folding rule pocket over side seam with tool holder and pen pocket / Mobile phone pocket with flap / Leg pocket with flap and extra pocket / Button and loop for sheath knife / Hammer loop / OEKO-TEX® certified.

MATERIAL 100% cotton twill. WEIGHT 300 g/m<sup>2</sup>. COLOUR 900 White. SIZE C44–C60, C146–C156, D96–D120.











# **3 JACKET 458 BM**

# **ARTICLE NO** 100123

Zip to top of collar / Extended back / Adjustable cuffs and hem / 2 front pockets with button / 2 chest pockets, 1 with button, 1 with zip / Inside pocket with button / Inside mobile phone pocket with velcro fastening / Earpiece loop / OEKO-TEX® certified.

MATERIAL 100% cotton twill. WEIGHT 300 g/m<sup>2</sup>. COLOUR 900 White. SIZE XS-2XL









# 4 JACKET 478 PMV

# **ARTICLE NO** 100490

Zip to top of collar / Fibre fur lined collar / Chest pocket with zip / Chest pocket with button / 2 front pockets with button / Concealed ID-card pocket / Inside pocket with button / Inside mobile phone pocket with velcro fastening / Loop for earpiece / Adjustable hem and cuffs / Extended back / Zip in lining for easy embroidery / Approved according to EN 342.

MATERIAL 100% polyester, dirt, oil and water repellent. Quilted lining. WEIGHT Outer fabric 260 g/m², lining 160 g/m². COLOUR 900 White. SIZE XS-2XL









# MORE GARMENTS FOR PAINTERS AND BRICKLAYERS



Art. no 109321 Jacket 4857 LUXE, see page 50.



Art. no 113930 Softshell jacket 4119 SSR, see page 54.



Art. no 113096 Jacket 4111 KC, see page 48.



Art. no 100809 Pilot jacket 4813 PPC, see page 54.



Art. no 113161 Lined waistcoat 5312 LUXE, see page 52.



Sweatshirts see pages 74, 166-167.



Art. no 100732 Shirt 7386 BKS, see page 168.



T-shirts and Polo Shirts pages 74, 164, 166-167.



Art. no 116701 Shorts 2102 CYD, see page 17



Art. no 110316 Trousers 2124 CYD, see page 17



Art. no 110313 Trousers 2122 CYD, see page 16



Art. no 110327 Trousers 2123 CYD, see page 16



Art. no 120949/121223 Trousers 2084 P154/LUXE, see page 36.



Art. no 113095 Trousers 2111 KC, see page 48.



Art. no 100544 Trousers 241 PS25, see page 35.



Art. no 114104 Bib 'n' brace 1109 P154, see page 57



Art. no 113097 Bib 'n' brace 1111 KC, see page 49.



Art. no 100413 Coverall 875 NAS, see page 68.





# INDUSTRY ICON

In close collaboration with users in various industries, we have developed collections for industrial work, which provide a perfect combination of function, comfort, durability and protection. We offer a wide selection of colours and materials in a design that gives great opportunities for creating your company image. The garments can be combined in many different ways, both plain and two-colour. Of course, all garments are tested and suitable for industrial washing.



# **OPTIMUM DURABILITY, FUNCTION AND FIT**

- · Well tested materials with high durability and comfort
- · Carefully designed fit for great comfort
- Function and design are created in close collaboration with users
- All garments are leasing-laundry tested according to ISO 15797
- Extra large range of sizes.
- The garments are designed to provide ample space for profiling with a company logo
- · Wide range of colours
- Easy to combine. Match together the various collections as you want
- Garments for all seasons from shorts to winter garments
- All garments are OEKO-TEX® certified



# **EASY TO COMBINE**

Fristads Kansas' Icon range is easy to match when it comes to colours, models and materials.

Icon One and Icon Two are both available in our 300 gram LUXE quality. Match a two-colour jacket (ICON TWO) with a pair of plain trousers (ICON ONE) or vice versa.

ICON COOL and ICON LIGHT are manufactured in P154 quality, which is slightly lighter and more flexible. Combine, for example, a pair of two-colour trousers (Icon Cool) with a plain jacket (Icon Light) or vice versa.

Examples on the left: Icon Light jacket and Icon Cool trousers. Examples on the right: Icon Two jacket and Icon One trousers.



**PAGE 46-51** 

# **ICON ONE**

- Plain collection
- Thick material (295 g)
- Also in 100% cotton
- · Also with knee pockets
- Also for woman
- 8 different colours



PAGE 52-57

# **ICON TWO**

- Two-colour collection
- Thick material (295 g)
- Also in 100% cotton
- Also in sizes C246-C260
- 9 colour combinations



**PAGE 58-59** 

# **ICON COOL**

- Two-colour collection
- Lightweight material (245 g)
- Mesh ventilation
- 8 colour combinations



**PAGE 60-63** 

# **ICON LIGHT**

- Plain collection
- Lightweight material (245 g)
- Also with knee pockets
- Also for woman
- 8 different colours



PAGE 63, 132

# **ICON WELDING**

• Flame protection garments for welding and foundry work.



**PAGE 64-67** 

# MATCHING GARMENTS

 Shirts, T-shirts, polo shirts and sweatshirts in colours that match the Icon collections.

# ICON ONE

Plain collection in two different materials – LUXE polyester/cotton and KC cotton. With triple-stitched seams for extra durability.

# İ

# LUXE POLYESTER/COTTON

By combining the comfort of cotton with the durability and colour-fastness of polyester, our legendary LUXE fabric is the obvious choice for most industrial operations. 65% polyester, 35% cotton. Weight 295 g/m².





cuffs and waistband / Wide back with yoke / Zip front with storm flap / Reflective detailing in side seams / 2 chest pockets with flap and inside pocket / Mobile phone pocket with zip and storm flap / Diagonal cut front with integrated side pockets and inside pocket / Inside pocket with button fastening / Neck flap for barcode or chip / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, Luxe fabric.

WEIGHT 295 g/m². COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey. SIZE S – 4XI













# **TROUSERS 2111 LUXE TROUSERS 2117 LUXE, WOMAN**

ARTICLE NO 113099 (2111 LUXE) ARTICLE NO 121983 (2117 LUXE, Woman)

Contrast stitching / Semi-low waist / Saddleback cut / Zip fly / Reflective detailing on back of knees / Adjustable leg length with 5 cm hem allowance / 2 side pockets, right with integrated mobile phone pocket / Large leg pocket with flap - placed over side seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket - placed over side seam - with pen pocket / 2 back pockets, 1 with flap / Hammer loops / Waist flap for barcode or chip / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

113099 (2111 LUXE)

MATERIAL 65% polyester, 35% cotton, Luxe fabric. WEIGHT 295 g/m<sup>2</sup>.

COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey. SIZE C42 - C66, C146 - C166, D96- D120.

121983 (2117 LUXE, Woman)

MATERIAL 65% polyester, 35% cotton, Luxe fabric. WEIGHT 295 g/m<sup>2</sup>

COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grev. SIZE C34-C50





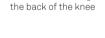








Waist flap for laundry

















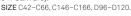
# 1 TROUSERS 2112 LUXE

# **ARTICLE NO** 114118

Contrast stitching / Semi-low waist / Saddleback cut / Zip fly / Reflective detailing on back of knees / Adjustable leg length with 5 cm hem allowance / 2 side pockets, right with integrated mobile phone pocket / Large leg pocket with flap - placed over side seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket - placed over side seam - with pen pocket / 2 back pockets, 1 with flap / Hammer loops / Knee-pockets / Waist flap for barcode or chip / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, Luxe fabric. WEIGHT 295 g/m<sup>2</sup>

COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grey.















# 2 TROUSERS 2084 LUXE

# **ARTICLE NO** 120949

2 nail pockets, left pocket with extra pocket and right pocket with 3 small pockets and tool loops / D-ring at waistband / Hammer loop / 2 front pockets / 2 back pockets, 1 with flap / Folding rule pocket with knife holder and pen pocket / Leg pocket with flap and outside mobile phone pocket with flap / Reinforced kneepockets with outside opening for heightadjustable kneepads / Adjustable leg length with 5 cm hem allowance / Triple needle stitching / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 295 g/m². COLOUR 540 Dark Navy, 900 White, 940 Black. SIZE C44-C66, D84-D120.









# 3 BIB'N'BRACE 1112 LUXE

# **ARTICLE NO** 114120

Contrast stitching / Diagonal design on back / Knitted braces / Adjustable waist / Adjustable leg length with 5 cm hem allowance / Side opening to inner trousers / Zip fly / Reflective detailing on back of knees / Bib pocket with flap / Inside bib pocket with zip / 2 side pockets, right with integrated mobile phone pocket / Large leg pocket with flap placed over side seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket - placed over side seam - with pen pocket / 2 back pockets, 1 with flap / Hammer loops / Neck flap for barcode or chip / Kneepockets / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, Luxe fabric. COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grev. SIZE C42-C66, C146-C166, D96-D120.













2



**ARTICLE NO** 113398

Spare replacement knee pad pockets / Sold in pack of 5 pairs / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, Luxe fabric. WEIGHT 295 g/m<sup>2</sup>.

COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey.













# 1 BIB'N'BRACE 1111 LUXE

**ARTICLE NO** 113101

Contrast stitching / Diagonal design on back / Knitted braces / Adjustable waist / Adjustable leg length with 5 cm hem allowance / Side opening to inner trousers / Zip fly / Reflective detailing on back of knees / Bib pocket with flap / Inside bib pocket with zip / 2 side pockets, right with integrated mobile phone pocket / Large leg pocket with flap - placed over side seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket - placed over side seam - with pen pocket / 2 back pockets, 1 with flap / Hammer loops / Neck flap for barcode or chip / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, Luxe fabric. WEIGHT 295 g/m<sup>2</sup>. COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey. SIZE C42-C66, C146-C166, D96-D120.









# 2 COVERALL 8111 LUXE

**ARTICLE NO** 113102

Contrast stitching / Diagonal cut front / Reflective detailing on back of knees / Adjustable leg length with 5 cm hem allowance / Adjustable cuffs / Wide back with yoke / Side opening to inner trousers / Two-way front zip with storm flap / 2 chest pockets with flap and inside pocket / 2 side pockets, right with integrated mobile phone pocket / Inside pocket with button fastening / Back pockets, 1 with flap / Large leg pocket with flap - placed over side seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket - placed over side seam - with pen pocket / Hammer loops / Neck flap for barcode or chip / Leasing laundrytested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, Luxe fabric. WEIGHT 295 g/m². COLOUR 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey.





**NEW** 

BLACK









### **KNEEPOCKETS 9132 KC**

**ARTICLE NO** 113405

Spare replacement knee pad pockets. Sold in pack of 5 pairs.

MATERIAL 100% cotton. WEIGHT 350 g/m<sup>2</sup>. COLOUR 210 Khaki, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 941 Dark Grey. SIZE One size











# KC COTTON

A cotton material of the highest quality that is the original material for industrial workwear. The comfortable, while very durable, KC cotton fabric provides great comfort and withstands tough use. 100% cotton. Weight 350 g/m<sup>2</sup>.



# **1 JACKET 4111 KC**

**ARTICLE NO** 113096

Button front with storm flap / Neck flap for barcode or chip / 2 chest pockets with flap and inside pocket / Mobile phone pocket with zip and storm flap / Diagonal cut front with integrated side pockets and inside pocket / Inside pocket with button fastening / Pre-shaped elbows / Adjustable cuffs and waistband / Wide back with yoke / Reflective detailing in side seams / Contrast stitching / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 350 g/m<sup>2</sup> COLOUR 210 Khaki, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey,













# 2 TROUSERS 2111 KC

**ARTICLE NO 113095** 

Contrast stitching / Semi-low waist / Saddleback cut / Zip fly / Reflective detailing on back of knees / Adjustable leg length with 5 cm hem allowance / 2 side pockets, right with integrated mobile phone pocket / Large leg pocket with flap - placed over side seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket - placed over side seam - with pen pocket / 2 back pockets, 1 with flap / Hammer loops / Waist flap for barcode or chip/ Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 350 g/m<sup>2</sup>. COLOUR 210 Khaki, 530 Royal Blue, 540 Dark Navy, 730 Grön, 900 White, 941 Dark Grev. SIZE C42-C66, C146-C166, D96-D120.











# **3 TROUSERS 2112 KC**

**ARTICLE NO** 114119

Contrast stitching / Semi-low waist / Saddleback cut / Zip fly / Reflective detailing on back of knees / Adjustable leg length with 5 cm hem allowance / 2 side pockets, right with integrated mobile phone pocket / Large leg pocket with flap - placed over side seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket - placed over side seam - with pen pocket / 2 back pockets, 1 with flap / Hammer loops / Waist flap for barcode or chip / Kneepockets / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 350 g/m<sup>2</sup> COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grev. SIZE C42-C66, C146-C166, D96-D120.













# 1 BIB'N'BRACE 1111 KC

# **ARTICLE NO** 113097

Contrast stitching / Diagonal design on back / Knitted braces / Adjustable waist / Adjustable leg length with 5 cm hem allowance / Side opening to inner trousers / Zip fly / Reflective detailing on back of knees / Bib pocket with flap / Inside bib pocket with zip / 2 side pockets, right with integrated mobile phone pocket / Large leg pocket with flap - placed over side seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket - placed over side seam - with pen pocket / 2 back pockets, 1 with flap / Hammer loops / Neck flap for barcode or chip / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 100% cotton, WEIGHT 350 g/m<sup>2</sup>

COLOUR 210 Khaki, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 941 Dark Grey. SIZE C42-C66, C146-C166, D96-D120.













# 2 BIB'N'BRACE 1112 KC

# **ARTICLE NO** 114121

Contrast stitching / Diagonal design on back / Knitted braces / Adjustable waist / Adjustable leg length with 5 cm hem allowance / Side opening to inner trousers / Zip fly / Reflective detailing on back of knees / Bib pocket with flap / Inside bib pocket with zip / 2 side pockets, right with integrated mobile phone pocket / Large leg pocket with flap - placed over side seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket - placed over side seam - with pen pocket / 2 back pockets, 1 with flap / Hammer loops / Neck flap for barcode or chip / Kneepockets/ Leasing laundry-tested according to ISO 15797 / OEKO-TEX $^{\circ}$  certified.

MATERIAL 100% cotton. WEIGHT 350 g/m<sup>2</sup> COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grey SIZE C42-C66, C146-C166, D96-D120,













# 3 COVERALL 8111 KC

# **ARTICLE NO** 113098

Contrast stitching / Diagonal cut front / Reflective detailing on back of knees / Adjustable leg length with 5 cm hem allowance / Adjustable cuffs / Wide back with yoke / Side opening to inner trousers / Button front with storm flap / 2 chest pockets with flap and inside pocket / 2 side pockets, right with integrated mobile phone pocket / Inside pocket with button fastening / Back pockets, 1 with flap / Large leg pocket with flap - placed over side seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket - placed over side seam - with pen pocket / Hammer loops / Neck flap for barcode or chip / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 350 g/m<sup>2</sup>. COLOUR 530 Royal Blue, 540 Dark Navy. SIZE Regular: S-4XL, Tall: S-2XL













# 4 COVERALL 8112 KC

# **ARTICLE NO** 114123

Contrast stitching / Diagonal cut front / Reflective detailing on back of knees / Adjustable leg length with 5 cm hem allowance / Adjustable cuffs / Wide back with yoke / Side opening to inner trousers / Button front with storm flap / 2 chest pockets with flap and inside pocket / 2 side pockets, right with integrated mobile phone pocket / Inside pocket with button fastening / Back pockets, 1 with flap / Large leg pocket with flap - placed over side seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket - placed over side seam - with pen pocket / Hammer loops / Kneepockets / Neck flap for barcode or chip/ Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 350 g/m<sup>2</sup> COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black SIZE Regular: S-4XL, Tall: S-2XL.









# ICON TV

Two-colour collection in LUXE polyester/cotton. We have extra long sizes in trousers and bib'n'brace. The collection also includes a soft shell jacket, lined jackets and lined coveralls.



# LUXE POLYESTER/COTTON

By combining the comfort of cotton with the durability and colour-fastness of polyester, our legendary LUXE fabric is the obvious choice for most industrial operations. 65% polyester, 35% cotton. Weight 295 g/m<sup>2</sup>.





# 1 JACKET 4857 LUXE

# **ARTICLE NO** 109321

Two-colour / Contrast stitching / Pre-shaped elbows / Adjustable cuffs and waistband / Broad back with yoke / Zip front with storm flap / Reflective detailing in side seams / 2 chest pockets with flap and internal pouch / Mobile phone pocket with zip and storm flap / Diagonal cut on front with integrated side pockets with internal pockets / Inside pocket with velcor fastening/Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 295 g/m<sup>2</sup>.

COLOUR 299 Khaki/Black, 576 Navy/Royal Blue, 586 Navy/Grey, 676 Royal Blue/Navy, 781 Light Army Green/Army Green, 866 Grey/Red, 896 Grey/Black, 965 hite/Grey, 996 Black/Grey.











# 2 TROUSERS 2019 LUXE

# **ARTICLE NO** 100805

Two-colour / Contrast stitching / Semi-low waist / Saddleback cut / Zip fly / Diagonal cut over knees / Reflectors under knee pockets and over leg bottoms / Adjustable knee pockets integrated into seams / Leg pocket with flap / Outside mobile phone pocket with velcro strap and pen pocket / Double CORDURA® reinforced folding rule pocket / Back pockets with pleats, 1 with flap / Hammer loop/ Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton.

WEIGHT 295 g/m<sup>2</sup>.

COLOUR 299 Khaki/Black, 576 Navy/Royal Blue, 586 Navy/Grey, 676 Royal Blue/Navy, 781 Light Army Green/Army Green, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey. SIZE 576 Navy/Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red, 896 Grey/Black, 999 Black/ Grey C42-C66, C146-C160, D96-D120, C246-C260, 299 Khaki/Black, 586 Navy/Grey, 781 Light Army Green/Army Green, 965 White/Grey C42-C66, C146-C160, D96-D120.















# 1 BIB'N'BRACE 1009 LUXE

# **ARTICLE NO** 100806

Two-colour / Contrast stitching / Diagonal design on back / Knitted braces / Adjustable waist / Side opening to inner trousers / Zip fly / Diagonal cut over knee / Reflectors under knee pockets and over leg bottoms / Adjustable knee pockets integrated into seams / Bib pocket with flap / Leg pocket / Large pocket with flap / Mobile phone pocket with velcro strap / Outside pen pocket / Inside pocket with zip / Double CORDURA® reinforced folding rule pocket / Back pockets with pleats, 1 with flap Hammer loop / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton.

WEIGHT 295 g/m<sup>2</sup>

COLOUR 299 Khaki/Black, 576 Navy/Royal Blue, 586 Navy/Grey, 676 Royal Blue/Navy, 781 Light Army Green/Army Green, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey.

SIZE 576 Navy/Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red, 896 Grey/Black, 999 Black/ Grey C42-C66, C146-C160, D96-D120, C246-C260, 299 Khaki/Black, 586 Navy/Grey, 781 Light Army Green/Army Green, 965 White/Grey C42-C66, C146-C160, D96-D120.











# 2 SHORTS 2020 LUXE

# **ARTICLE NO** 100808

Two-colour / Contrast stitching / Semi-low waist / Saddleback cut / Zip fly / Leg pocket with flap / Outside mobile phone pocket with velcro strap and pen pocket / Double CORDURA® reinforced ruler pocket / Side pockets / 2 back pockets with pleats, 1 with flap/ Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton.

WEIGHT 295 g/m<sup>2</sup> COLOUR 299 Khaki/Black, 576 Navy/Royal Blue, 586 Navy/Grey, 676 Royal Blue/Navy, 781 Light Army Green/Army Green, 866 Grey/Red, 896 Grey/Black, 965 White/Grey,

SIZE C42-C66.













# 1 COAT 3002 P154

# **ARTICLE NO** 100762

Snap fastening / Half-belt at back / Inside pocket / 2 chest pockets, 1 with flap / Mobile phone pocket with velcro strap / Leasing Laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 220 g/m<sup>2</sup>. COLOUR 576 Navy/Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red, 996 Black/Grey. SIZE S-4XL..











# 2 COVERALL 8612 LUXE

# **ARTICLE NO** 100807

Two-colour / Contrast stitching / Diagonal cut on front / Diagonal cut over knee / Reflectors under knee pockets and over leg bottoms / Adjustable knee pockets integrated into seams / Adjustable cuffs / Access to inner trousers / Two-way zip / Leg pocket with flap / Outside mobile phone pocket with velcro strap and pen pocket / 2 chest pockets with internal pouch / 2 side pockets / Inside pocket / Back pockets with pleats, 1 with flap / CORDURA® reinforced double folding rule pocket / Hammer loop / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton.

WEIGHT 295 g/m².
COLOUR 299 Khaki/Black, 576 Navy/Royal Blue, 676 Royal Blue/Navy, 781 Light Army Green/Army Green, 866 Grey/Red, 896 Grey/Black, 996 Black/Grey. SIZE Regular: XS-3XL, Tall: S-XL.





# **3 WAISTCOAT 5312 LUXE**

# **ARTICLE NO** 113161

Two-colour / Contrast stitching / Zip front / Quilted lining / Reflective detailing in side seams / 2 chest pockets with internal pocket and flap / Diagonal cut front with side pockets integrated into seams / Mobile phone pocket with zip and storm flap / Inside pocket / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. Lining 100% polyester. WEIGHT Outer fabric 295 g/m², lining 177 g/m². COLOUR 299 Khaki/Black, 576 Navy/Royal Blue, 586 Navy/Grey, 676 Royal Blue/Navy, 781 Light Army Green/Army Green, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey. SIZE XS-3XL.











# KC COTTON

A cotton material of the highest quality that is the original material for industrial workwear. The comfortable, while very durable, KC cotton fabric provides great comfort and withstands tough use. 100% cotton. Weight 350 g/m<sup>2</sup>.









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# 1 BIB'N'BRACE 1009 KC

# **ARTICLE NO** 100812

2-colour / Contrast stitching / Diagonal design / Knitted braces / Adjustable waist / Side opening to inner trousers / Zip fly / Diagonal cut over knee Reflectors under knee pockets and over leg bottoms / Knee pockets integrated into seams / Bib pocket with flap/ Leg pocket with large pocket with flap / Mobile phone pocket with velcro strap / Outside pen pocket / Inside pocket with zip / Double folding ruler pocket with inner reinforcement / Back pockets with pleats, 1 with flap / Hammer loop / Leasing laundry-tested according to ISO 15797 / OEKO-TEX®-certified.

MATERIAL 100% cotton. WEIGHT 350 g/m². COLOUR 576 Navy/Royal Blue, 896 Grey/Black. SIZE C42-C66, C146-C160, C246-C260, D96-D120.





# **2 JACKET 4857 KC**

# **ARTICLE NO** 109322

2-colour / Contrast stitching / Button front with storm flap / Pre-shaped elbows / Adjustable cuffs and waistband / Broad back with yoke / Reflective detailing in side seams / 2 chest pockets with pouch and flap / Mobile phone pocket with zip and storm flap / Diagonal cut front with integrated side pockets with internal pocket / Inside pocket / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 350g/m<sup>2</sup>. COLOUR 576 Navy/Royal Blue, 896 Grey/Black.





# **3 TROUSERS 2019 KC**

# **ARTICLE NO** 100813

2-colour / Contrast stitching / Semi-low waist / Saddleback cut / Diagonal cut over knee / Reflectors under knee pockets and over leg bottoms / Knee pockets integrated into seams / Leg pocket with large pocket with flap / Outside mobile phone pocket with a plocket with velcro strap and pen pocket / CORDURA® reinforced folding ruler pocket / Back pockets with pleats, 1 with flap / Hammer loop / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 350 g/m². COLOUR 576 Navy/Royal Blue, 896 Grey/Black. SIZE C42-C66, C146-C160, C246-C260, D96-D120.



















### **SOFTSHELL JACKET 4119 SSR ARTICLE NO** 113930

Breathable, wind and water-repellent / Stretch quality / Reflective print Fristads Kansas logos / 1 chest pocket with zip at right front, mesh pocket bag / 2 front pockets with zip, mesh pocket bags / Adjustable drawstring at hem / Adjustable cuffs / Inside fleece lining / OEKO-TEX® certified.

MATERIAL 86% Polyester, 14% Polyurethane. WEIGHT 285 g/m<sup>2</sup>.

COLOUR 299 Khaki/Black, 576 Navy/Royal Blue, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey. SIZE S-4XL.





# **2 JACKET 4813 PP**

**ARTICLE NO** 100809

Two-colour / Contrast stitching / Dirt, oil and waterrepellent / Pile lining/quilted silky lining in sleeves / Ribbed cuffs and waist / Pile lining in collar / Reflective detailing in side seams / 2 chest pockets with internal pocket and flap / Mobile phone pocket with zip and storm flap / Sleeve pocket with zip / Diagonal cut front with side pockets integrated into seams / Inside pocket / Approved according to EN 342.

MATERIAL 46% polyamide, 54% cotton. Lining in 100% polyester.

WEIGHT Outer fabric 240 g/m², lining 280 g/m².
COLOUR 576 Navy/Royal Blue, 586 Navy/Grey, 676 Royal Blue/Navy, 781 Light Army Green/Army Green, 866 Grey/ Red, 965 White/Grey, 996 Black/Grey. SIZE XS-3XL.









# 3 AIRTECH\* COVERALL 8624 GTX ARTICLE NO 101077

Airtech® breathable, wind and waterproof / Side opening / Adjustable and detachable hood / Adjustable sleeves / 2 front pockets / 2 back pockets with flap / Sleeve pocket with flap / Leg pocket with flap / Phone pocket / 2 pen pockets / Legs with zip to knees / Pre-shaped knees / Knee pockets / Garment approved according to EN 343 class 3/1 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3.

MATERIAL 100% polyamide, fiber fur lining in 100% acryl, quilted lining in 100% polyester.
WEIGHT Outer fabric 156 g/m², lining 180 g/m². COLOUR 576 Navy/Royal Blue, 996 Black/Grey. SIZE Regular: S-3XL.



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# Airtech'

Water and windproof material that protects against the cold, wind and snow. It is also breathable and keeps you dry and comfortable by allowing moisture and excess heat to escape.

"THREE-IN-ONE"
DETACHABLE
LINING

- · Lined functional garments
- Water and windproof shell garments
- The lining can be used as a separate jacket















# 1 AIRTECH® 3-IN-1 JACKET 4816 GT

# **ARTICLE NO** 100815

Airtech® breathable, wind and waterproof / Outer jacket with taffeta lining / Lined inner jacket / Two-colour / Reinforced with nylon shoulder section / Concealed hood in collar / Zip with tag puller / Adjustable waistband / 2 chest pockets with internal pouch and flap / Pocket under flap with zip / Diagonal cut on front with side pockets integrated into seams / Inner jacket zips and buttons into outer jacket / Inside pocket with button / Inside mobile phone pocket with velcro fastening / Inside side pockets / Inner jacket pocket / Sleeve pocket with pencil stitching / Garment approved according to EN 343 class 3/1 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3.

MATERIAL 100% polyester. Lining in 100% polyester. WEIGHT Outer fabric 142 g/m², lining 140 g/m². COLOUR 540 Dark Navy, 576 Navy/Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red, 896 Grey/Black, 940 Black, 996 Black/Grey.









# 2 AIRTECH® WINTER JACKET 4815 GT

# **ARTICLE NO** 100814

Airtech® breathable, wind and waterproof / Quilt lining in upper body and sleeves / Two-colour / Reinforced with nylon shoulder section / Concealed hood in collar / Zip with puller / Extended back / Adjustable cuffs and waistband / 2 chest pockets with internal pouch and flap / Pocket with zip and storm flap / Diagonal cut on front with side pockets integrated into seams / Inside pocket with button / Inside mobile phone pocket with velcro fastening / Sleeve pocket with pencil stitching / Contrast stitching / Garment approved approved according to EN 343 class 3/2 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3.

MATERIAL 100% polyester. Lining in 100% polyester.

WEIGHT Outer fabric 142 g/m², lining 140 g/m²

COLOUR 540 Dark Navy, 576 Navy/Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red, 896 Grey/Black, 940 Black, 996 Black/Grey.



# ICON COOL

A collection in flexible material with mesh ventilation at selected points. Lightweight and comfortable garments with high climate comfort. Perfect when working in high temperature environments – outdoors or indoors – or when you have a job involving a lot of physical activity. Ideally combined with garments from the Icon Light collection.

# P154 P0

P154 POLYESTER/COTTON

P154 is a lighter version of our LUXE quality. Durability and comfort in a perfect combination. 65% polyester, 35% cotton. Weight 245 g/m².



# 1 JACKET 4109 P154

# **ARTICLE NO** 114102

Mesh ventilation at back / Triple needle stitching / Pre-shaped elbows / Adjustable cuffs and waistband / Wide back with yoke / Front zip with storm flap / 2 chest pockets with flap and inside pocket / Mobile phone pocket with zip and storm flap / Diagonal cut front with integrated side pockets and inside pocket / Inside pocket with button fastening / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m².

COLOUR 299 Khaki/Black, 397 Red/Black, 576 Navy/Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey.
SIZE S-4XL.



# 2 TROUSERS 2109 P154

# **ARTICLE NO** 114103

Mesh ventilation at back yoke and knee / Triple needle stitching / Semi-low waist / Saddleback cut / Zip fly / Adjustable leg length with 5 cm hem allowance / 2 side pockets, right with integrated mobile phone pocket / Large leg pocket with flap - placed over seam – with mobile phone pocket with flap and pen pockets / Double folding rule pocket with pen pocket / 2 back pockets, 1 with flap / Hammer loops / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m².
COLOUR 299 Khaki/Black, 397 Red/Black, 576 Navy/Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey.
SIZE C42-C66, C146-C160, D96-D120.











# 1 BIB'N'BRACE 1109 P154

**ARTICLE NO** 114104

Mesh ventilation at back yoke and back of knee / Triple needle stitching / Diagonal design on back / Knitted braces / Adjustable waist / Adjustable leg length with 5 cm hem allowance / Side opening to inner trousers / Zip fly / Bib pocket with flap / Inside bib pocket with zip / 2 side pockets, right with integrated mobile phone pocket / Large leg pocket with flap - placed over seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket with pen pocket / 2 back pockets, 1 with flap / Hammer loops / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m². COLOUR 299 Khaki/Black, 397 Red/Black, 576 Navy/Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey. SIZE C42-C66, C146-C160, D96-D120.











# 2 WAISTCOAT 5109 P154

**ARTICLE NO** 114106

Mesh ventilation at back / Adjustable waistband / Wide back with yoke / Zip front with storm flap / 2 chest pockets with flap and inside pocket / Mobile phone pocket with zip and storm flap / Diagonal cut front with integrated side pockets and inside pocket / Inside pocket with button fastening / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton.

WEIGHT 245 g/m<sup>2</sup>. COLOUR 299 Khaki/Black, 397 Red/Black, 576 Navy/ Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey.











# 3 SHORTS 2119 P154

**ARTICLE NO** 114105

Mesh ventilated yoke at back / Triple needle stitching / Semi-low waist / Saddleback cut / Zip fly / 2 side pockets, right with mobile phone pocket / Large leg pocket with flap - placed over side seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket with pen pocket / 2 back pockets, 1 with flap / Hammer loops/ Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m<sup>2</sup>.

COLOUR 299 Khaki/Black, 397 Red/Black, 576 Navy/

Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey. SIZE C42-C66.









# ICON LIGHT

We have updated the design and fit for our industry P154 series and created the new Icon Light collection. Manufactured in a lightweight and comfortable material with high durability. Perfect for many types of industrial work and also in high temperature environments. Colours, design and fit are in line with our other Icon collections. Ideally combined with the Icon Cool collection, which is made in the same material.

# P154 POLYESTER/COTTON

P154 is a lighter version of our LUXE quality. Durability and comfort in a perfect combination. 65% polyester, 35% cotton. Weight 245 g/m².





UP TO 5XL IN BLACK AND DARK NAVY







# 1 JACKET 480 P154

**ARTICLE NO** 100434

Adjustable waist and cuffs / 2 front pockets / 2 chest pockets with flap, 1 with pen pocket / Inside pocket / Inside mobile phone pocket with velcro / Triple needle stitching / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m². COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey. SIZE XS-3XL. 540 Dark Navy and 940 Black XS-5XL.





# 2 TROUSERS 2580 P154

**ARTICLE NO** 117751

2 front pockets / 2 back pockets, 1 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 / Kneepockets with outside opening / Triple needle stitching / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m<sup>2</sup> COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black,

941 Dark Grey. SIZE C44-C62, C146-C156, D84-D120.













# **3 TROUSERS 280 P154 TROUSERS 278 P154**

ARTICLE NO 100427 (280 P154) **ARTICLE NO** 100426 (278 P154, Woman)

2 front pockets / 2 back pockets, 1 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 / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

100427 (280 P154)

MATERIAL 65% polyester, 35% cotton.

WEIGHT 245 g/m<sup>2</sup>.

COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey. SIZE C44-C62, C146-C156, D84-D120. 540 Dark Navy, 940 Black C44-C62, C146-C156, D84-D132.

100426 (278 P154, Woman)

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m². COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grev. SIZE C34-C50

























# 1 TROUSERS 2084 P154

# **ARTICLE NO** 121223

2 front pockets / 2 nail pockets, left pocket with extra pocket and right pocket with 3 small pockets and tool loops / D-ring at waistband / Hammerloop / 2 back pockets, 1 with flap / Folding rule pocket with knife holder and pen pocket / Leg pocket with flap and outside mobile phone pocket with flap / Reinforced kneepockets with outside opening for height-adjustable kneepads / Adjustable leg length with 5 cm hem allowance / Triple needle stitching / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton.

WEIGHT 295 g/m². COLOUR 540 Dark Navy, 900 White, 940 Black. SIZE C44-C62, D84-D120.





# 2 SHORTS 2508 P154

# **ARTICLE NO** 117219

2 front pockets / 2 back pockets, 1 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 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m². COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey. SIZE C44-C62.









# **3 COVERALL 880 P154**

# **ARTICLE NO** 100438

Adjustable waist and cuffs / 2 chest pockets with flap, 1 with pen pocket / 2 front pockets/2 back pockets, 1 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 / Knee pockets / Triple needle stitching / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, WEIGHT 245 g/m<sup>2</sup>. **COLOUR** 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey. SIZE Regular: XS-2XL, Tall: S-L, Short: S-XL. 210 Khaki, 331 Red, 730 Green, 900 White Regular: XS-2XL













# 1 BIB'N'BRACE 81 P154

**ARTICLE NO** 100436

Adjustable waist / 2 front pockets / 2 back pockets, 1 with flap / 2 chest pockets, 1 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 / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton.WEIGHT 245 g/m². COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey. SIZE C44-C62, C146-C156. 530 Royal Blue, 540 Dark Navy C44-C62, C146-C156, D84-D132.



# ICON WELDING

# NEW! UNIQUE PROTECTION FOR WELDING AND FOUNDRY WORK.

Icon Welding is a collection designed to provide the optimum protection and comfort while welding and working with molten iron. Read more about the products in our chapter Flame protection.





# **JACKET 4550 FLW**

**ARTICLE NO** 117323

MATERIAL 100% cotton FR.
WEIGHT 430 g/m².
COLOUR 540 Dark Navy, 896 Grey/Black.
SIZE XS-4XL.

# **TROUSERS 2550 FLW**

**ARTICLE NO** 117321

MATERIAL 100% cotton FR. WEIGHT 430 g/m². COLOUR 540 Dark Navy, 896 Grey/Black. SIZE C44-C66, D84-D120.





# **BIB'N'BRACE 1550 FLW**

**ARTICLE NO** 117324

MATERIAL 100% cotton FR. WEIGHT 430 g/m². COLOUR 540 Dark Navy, 896 Grey/Black. SIZE C44-C66, D84-D120.

# COVERALL 8050 FLW

**ARTICLE NO** 117326

MATERIAL 100% cotton FR. WEIGHT 430 g/m². COLOUR 540 Dark Navy, 896 Grey/Black. SIZE R: XS-3XL.

**READ MORE ON PAGES 132-133.** 







# 1 SHIRT 7386 BKS

**ARTICLE NO** 100732

Double yoke / Reinforced seams / Pre-shrunk / 2 chest pockets with flap / Pen pocket / Phone pocket.

MATERIAL 100% combed cotton. WEIGHT 190 g/m². COLOUR 331 Red, 530 Royal Blue, 540 Dark Navy, 900 White, 940 Black, 941 Dark Grey. SIZE S-4XL



# 2 SHIRT 7385 B60

**ARTICLE NO** 100731

Double yoke / Reinforced seams / Shrink-treated / 2 chest pockets with flap / Pen pocket/phone pocket.

MATERIAL 65% polyester, 35% cotton, Luxe fabric. WEIGHT 177 g/m². COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark

Navy, 730 Green, 940 Black, 941 Dark Grey. SIZE S-4XL.



# 3 SHIRT 7387 B60

**ARTICLE NO** 100733

Double yoke / Reinforced seams / Shrink-treated / 2 chest pockets with flap / Pen pocket / Phone pocket.

MATERIAL 65% polyester, 35% cotton, Luxe fabric.

WEIGHT 177 g/m<sup>2</sup>.
COLOUR 331 Red, 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE S-4XL.











# **1 SHIRT 720 BKS**

**ARTICLE NO** 100117

Long-sleeved / 2 chest pockets with flaps / Snap fastening / OEKO-TEX $^{\odot}$  certified.

MATERIAL 100% combed cotton. WEIGHT 190 g/m². COLOUR 331 Red, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE XS-3XL.











# 2 SHIRT 720 B60

**ARTICLE NO** 100105

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

MATERIAL 65% cotton, 35% polyester. WEIGHT 177 g/m².
COLOUR 331 Red, 530 Royal Blue, 540 Dark Navy,
940 Black, 941 Dark Grey.
SIZE XS-3XL.









# 3 SHIRT 721 B60

**ARTICLE NO** 100107

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

MATERIAL 65% cotton, 35% polyester. WEIGHT 177 g/m². COLOUR 331 Red, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE XS-3XL.

















# 1 SWEATSHIRT 7016 SMC

**ARTICLE NO** 121631

 ${\tt Colourfast\,/\,Tone\,in\,tone\,stitches\,/\,Brushed\,inside.}$ 

MATERIAL 100% cotton. WEIGHT 300 g/m². COLOUR 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE XS-5XL.



# 2 SWEATSHIRT 7608 SM

**ARTICLE NO 114142** 

Full zip at front / 2 front pockets with zip / Tone in tone stitches / Brushed inside / Leasing Laundry tested according to ISO 15797.

MATERIAL 65% cotton, 35% polyester. WEIGHT 300 g/m².
COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grey.
SIZE S-4XL.



# 3 SWEATSHIRT 7607 SM

**ARTICLE NO** 114140

Half zip at front / 2 front pockets with zip / Tone in tone stitches / Brushed inside / Leasing Laundry tested according to ISO 15797.

MATERIAL 65% cotton, 35% polyester. WEIGHT 300 g/m². COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE S-4XL.



# 4 POLO SHIRT 7393 PM

**ARTICLE NO** 100781

Colourfast / Button at neck / Chest pocket / Leasing laundry-tested according to ISO 15797

MATERIAL 65% polyester, 35% cotton. WEIGHT 240 g/m². COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE XS-4XL.



White sweatshirt is without chest pocket, order no. 114135.









# 1 SWEATSHIRT 7394 SM

**ARTICLE NO** 100782

Colourfast / Tone in tone stitches / Chest pocket / Brushed inside / Leasing laundry-tested according to ISO 15797.

MATERIAL 65% polyester, 35% cotton. WEIGHT 300 g/m². COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 940 Black, 941 Dark Grey. 900 White without chestpocket art no 114135. SIZE XS-4XL.









# 2 T-SHIRT 7391 TM

**ARTICLE NO** 100779

Colourfast / Chest pocket / Leasing laundry tested according to ISO 15797.

MATERIAL 65% polyester, 35% cotton. WEIGHT 200 g/m². COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey. 900 White without chestpocket art no 114137. SIZE XS-4XL.









# 3 POLO SHIRT 7392 PM

**ARTICLE NO** 100780

Colourfast / Button at neck / Chest pocket / Leasing laundry tested according to ISO 15797.

MATERIAL 65% polyester, 35% cotton. WEIGHT 240 g/m².
COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark
Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey.
SIZE XS-4XL.







# PR54 POLYESTER/COTTON

PR54 is the same durable and flexible material as P154, but slightly thicker and with a soft brushed inside for even greater comfort. In 65% polyester and 35% cotton, weight 260 g/m<sup>2</sup>.





# 1 JACKET 4145 PR54

# **ARTICLE NO** 121612

Zip front with storm flap / 2 chest pockets with flap and concealed snap fastening / 2 front pockets with zip / Inside pocket with button fastening / Adjustable cuffs and waistband / Brushed inside / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35 % cotton, soft nap on reverse side. WEIGHT 260 g/m². COLOUR 556 Navy/Hi-Vis Yellow, 569 Navy/Red, 982 Black/Hi-Vis Yellow. SIZE XS-4XL.











Concealed button

Leg pocket with flap, mobile phone pocket and extra pocket. Folding rule pocket.

Knee pockets with outside opening

Adjustable leg length with 5 cm hem allowance





# 2 TROUSER 2145 PR54

# **ARTICLE NO** 121611

Concealed front button / D-ring at waistband / 2 frontpockets / 2 back pockets with flap and snap fastening / CORDURA  $^{\circ}$  reinforced folding rule pocket / Leg pocket with flap and velcro fastening, mobile phone pocket and extra pocket / Pre-shaped knees / Knee pockets with outside opening / Adjustable leg length with 5 cm hem allowance / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

 $\textbf{MATERIAL}~65\%~polyester, 35\%~cotton, soft nap~on~reverse~side.~\textbf{WEIGHT}~260~g/m^2.$ COLOUR 556 Navy/Hi-Vis Yellow, 569 Navy/Red, 982 Black/Hi-Vis Yellow. SIZE C42-C66, D84-D120.











# 1 SHIRT 735 SB

**ARTICLE NO** 100579

Long-sleeved / Concealed snap fastening opening at neck / 3 chest pockets, 2 with velcro fastening, 1 with zip fastening / Sleeve pocket / Side vents / Extended back /

MATERIAL Poplin, 60% cotton, 40% polyester. WEIGHT 185 g/m². COLOUR 539 True Navy, 940 Black. SIZE XS-3XL.













# 2 SHIRT 733 SB

**ARTICLE NO** 100578

Short-sleeved / Concealed snap fastening opening at neck / 3 chest pockets, 2 with velcro fastening, 1 with zip fastening / Sleeve pocket / Side vents / Extended back / OEKO-TEX® certified.

MATERIAL Poplin, 60% cotton, 40% polyester. WEIGHT 185 g/m². COLOUR 539 True Navy, 940 Black. SIZE XS-3XL.













# **3 TROUSERS 280 FAS**

**ARTICLE NO** 100290

FAS® cotton twill / 2 front pockets / 2 back pockets, one with flap / Leg pocket over side seam with inside folding-ruler pocket and 3 extra pockets / Leg pocket with flap / Mobile phone pocket with flap / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 375 g/m². COLOUR 541 Blue, 940 Black, 941 Dark Grey. SIZE C44-C62, C146-C156.













# 4 COVERALL 865 BCS

**ARTICLE NO** 100111

Concealed zip to top of collar / Knee pockets / Action back / Elasticated back / Adjustable cuffs / 2 front pockets / Side openings / 2 chest pockets with flap / Pen pocket / 2 back pockets / Sleeve pocket / Folding rule pocket / Materials pocket / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 300 g/m<sup>2</sup>. COLOUR 541 Blue. SIZE Regular: XS-2XL, Tall: S-L.











# 1 COVERALL 880 FAS

# **ARTICLE NO** 100319

FAS® cotton twill / 2 chest pockets with flap, one with pen pocket / 2 front pockets / 2 back pockets, one with flap / 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 / Adjustable waist and cuffs / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 375 g/m².

COLOUR 530 Royal Blue, 541 Blue.
SIZE 530 Royal Blue Regular: XS-2XL, Tall: S-L, 541 Blue Regular: XS-2XL, Tall: S-L, Short: S-3XL.











# 2 COVERALL 881 FAS

# **ARTICLE NO** 100320

FAS® cotton twill / Concealed buttons at front / 2 chest pockets with flap, one with pen pocket / 2 front pockets / 2 back pockets, one with flap / Leg pocket over side pen pocker / Z ionit pockets / Z back pockets, one with high / Leg pocket over stu-seam with inside folding rule pocket and 3 extra pockets / Leg pocket with flap / Mobile phone pocket with flap / Knee pockets / Adjustable waist and cuffs / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 375 g/m². COLOUR 541 Blue. SIZE Regular: XS-2XL, Tall: S-L, Short: S-3XL.













# **3 COVERALL 875 NAS**

# **ARTICLE NO** 100413

Concealed buttons / Elasticated back / Adjustable cuffs / Side openings / 2 front pockets / 2 chest pockets with flap / 2 back pockets / Folding rule pocket / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 275 g/m².
COLOUR 331 Red, 541 Blue, 900 White, 903 White for dyeing. SIZE Regular: XS-XL, Tall: S-L.











# 4 COVERALL 818 AD

# **ARTICLE NO** 100087

Polydex 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 / OEKO-TEX $^{\circ}$  certified.

MATERIAL 100% polyester. WEIGHT 240 g/m<sup>2</sup>. COLOUR 520 Middle Blue. SIZE Regular: S-2XL.













# 1 COAT 3001 P154

**ARTICLE NO** 100761

% length with snap fastenings / 2 chest pockets / 2 side pockets/ Inside pocket / Leasing laundry-tested according to ISO 15797.

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m².
COLOUR 331 Red, 530 Royal Blue, 540 Dark Navy, 900 White, 941 Dark Grey.
SIZE S-4XL.











# 2 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 220 g/m². COLOUR 900 White. SIZE  $\rm XS-2XL$ .











# 3 COAT 163 P92

**ARTICLE NO** 100465

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

MATERIAL 100% cotton. WEIGHT 220 g/m². COLOUR 900 White. SIZE XS–2XL.





# **4 APRON 726 NAS**

**ARTICLE NO** 100412

Tie bands / Pocket on bib / Length approx. 100 cm / OEKO-TEX® certified. MATERIAL 100% cotton. WEIGHT 275 g/m². COLOUR 540 Dark Navy. SIZE One size.



# INDUSTRY FOOD INDUSTRY







**ARTICLE NO** 113840

Suitable for HACCP rules / Adjustable sleeve ends / Inside pocket / Side vents / 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.



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# **MATERIAL P154**

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.





# 1 TROUSERS 2079 P154

**ARTICLE NO** 113839

Complies with HACCP regulations / Adjustable waist with elastic in back / Adjustable leg ends / 2 front pockets with concealed press studs / Leg pocket and phone pocket with flap and concealed press studs / 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.





# 2 SHORT COAT 3003 P154

**ARTICLE NO** 113841

Complies with HACCP regulations / Can be washed according to ISO 15797 / Adjustable sleeve ends / Innerpocket / OEKO-TEX® certified.

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



### WHAT DOES HACCP MEAN?

HACCP (Hazard Analysis and Critical Control Points) is a standardised management system that describes how to systematically map, assess and control hazards in the production of food with the purpose of ensuring food safety for consumers. These may concern microbiological, chemical, allergenic and physical hazards. In the EU, it is a requirement that companies that handle foods must apply HACCP, with selfassessment, which must also be based on good hygiene practices (GHP). For workwear, this means no external openings (pockets) are permitted above the waist, that pockets on lower parts must be covered and that fastenings must be metal and securely attached (snap fastenings) etc.











### 1 SHIRT 7000 P159

**ARTICLE NO** 113842

Complies with HACCP regulations / Adjustable sleeve ends / Side vents / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

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











### 2 SHIRT 7001 P159

**ARTICLE NO** 113843

Complies with HACCP regulations / Side vents / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 210 g/m<sup>2</sup>. SIZE 2XS-4XL









### 3 TROUSERS 2082 P154

**ARTICLE NO** 120008

Complies with HACCP regulations / Adjustable waist with elastic and drawstring / Adjustable leg ends with metal buttons / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m<sup>2</sup>. COLOUR 900 White SIZE 2XS-4XL.











### 1 SWEATSHIRT 7601 SM

### **ARTICLE NO** 114135

Complies with HACCP regulations / Colourfast / Tone-in-tone stitches / Leasing laundry-tested according to ISO 15797.

 ${\bf MATERIAL}$  65% polyester, 35% cotton. WEIGHT 300 g/m². COLOUR 900 White. SIZE XS-4XL.



### 2 POLOSHIRT 7605 PM

### **ARTICLE NO** 114139

Complies with HACCP regulations / Colourfast / Tone-in-tone stitches / Front placket fastening with hidden metal press buttons / Leasing laundry-tested according to ISO 15797.

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



### **3 T-SHIRT 7603 TM**

### **ARTICLE NO** 114137

Complies with HACCP regulations / Colourfast / Tone-in-tone stitches / Leasing laundry-tested according to ISO 15797.

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





### 4 APRON 705 P92

### **ARTICLE NO** 100466

Tie bands / Length approx. 70 cm / OEKO-TEX® certified.

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



### 5 CAP 560 P159

### **ARTICLE NO** 100451

Hairnet / Velcro-adjustable neck.

MATERIAL 65% polyester, 35% cotton.

WEIGHT 210 g/m².

COLOUR 900 White.

SIZE One size.



### **COMFORTABLE WARM GARMENT AS UNDERWEAR OR LAYER 2**

Light and flexible quilted garments with silky surface, which makes them easy to put on and take off. Perfect as warm layer 2 garments for those working, for example, in cold stores. Also comfortable as underwear since the material warms while letting the moisture pass through. The jacket and the vest have an extended back that can be tucked in.

ALSO IN BLACK AND DARK NAVY, SEE PAGE 189





### 1 JACKET THERMO 4034 MTH

**ARTICLE NO** 122188

Complies with HACCP regulations / Front placket / Chest pocket / Elasticated back / Extended back, foldable and attachable with velcro on the inside / Insulating.

MATERIAL 100% polyester. WEIGHT 180 g/m<sup>2</sup>. COLOUR 900 White. SIZE XS-4XL.



### 2 WAISTCOAT THERMO 5034 MTH

**ARTICLE NO** 122189

Complies with HACCP regulations / Front placket / Chest pocket with zip / Elasticated back / Extended back, foldable and attachable with velcro on the inside / Insulating.

MATERIAL 100% polyester. WEIGHT 180 g/m². COLOUR 900 White. SIZE XS-4XL.



### **3 TROUSERS 2023 MTH**

**ARTICLE NO** 100922

Adjustable waistband / Zip fly / 900 White color suitable for HACCP rules.

MATERIAL 100% polyester. WEIGHT 180 g/m². COLOUR 900 White.



## INDUSTRY ESD



### REDUCE THE RISK FOR **ELECTROSTATIC DISCHARGE**

Humans are 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.





### **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 SP - the Technical Research Institute of Sweden (www.sp.se).





### MATERIAL ELP

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).



### 1 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 / Sleeve placket with press button / Approved according to IEC 61340 / OEKO-TEX certified.

MATERIAL 67% polyester, 31% cotton, 2% conductive fibers. WEIGHT 192 g/m². COLOUR 540 Dark Navy, 900 White, 940 Black, 941 Dark Grey.







### NEW COLLECTION

We have developed a completely new collection where we placed the focus on comfort. Coat and trousers in a light, comfortable material combined with soft tops. 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).





### **MATERIAL XSM**

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.

### 1 SWEATSHIRT JACKET 4080 XSM

**ARTICLE NO** 121675

Full zip at front / Front pockets / Tone-in tone stitches / 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-3XI













### 2 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 / Approved according to IEC 61340 / OEKO-TEX certified.

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







### NEW

### MATERIAL XTM

XTM is a comfortable material in strong single jersey made from 48% cotton, 48% polyester and 4% conductive fibres. The material has been especially developed for the production and assembly of ESD sensitive products. It has been tested according to the IEC 61340 standard and meets the requirements for use in protected areas – Electrostatic Protected Area (EPA).

**NEW** 



### 1 T-SHIRT 7082 XTM

**ARTICLE NO** 120958

Round neck / Long sleeved / Approved according to IEC 61340.

MATERIAL 48% cotton, 48% polyester, 4% conductive fiber. WEIGHT 190 g/m².
COLOUR 540 Dark Navy, 940 Black.



### 2 POLOSHIRT 7080 XTM

**ARTICLE NO** 120956

Short-sleeved / Polo collar / 3 buttons / Approved according to IEC 61340.

MATERIAL 48% cotton, 48% polyester, 4% conductive fiber. WEIGHT 190 g/m².
COLOUR 540 Dark Navy, 940 Black.



### **3 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 X5-3XL





### OUR WORKWEAR PROVIDES THE FILTER THAT PROTECTS THE SURROUNDINGS

Humans are the largest source of particles in a clean room. Depending on motion, the human body emits somewhere between 100,000 and tens of millions particles per minute. Workwear in cleanrooms should act as a filter that retain the emitted particles at the inside. Our Cleanroom garments meet the demands and provides maximum comfort for people who work in cleanrooms as well as other controlled environments, such as vehicle spraying.



### 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 larger than 0.5 micrometres (abbreviated as  $\mu m$  = one millionth of a metre!) per cubic metre of air. A hair is approximately 100 micrometres ( $\mu m$ ), 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 larger than 0.5 micrometres ( $\mu m$ ) while a cleanroom of ISO class 3 is permitted to contain no more than 35 particles of the same size.

### SO WHY DOES A CLEANROOM NEED TO BE SO CLEAN AND HOW IS THIS ACHIEVED?

After World War II, technical development exploded, but this was soon accompanied by problems. Planes flew off course, computers lost memory, hospital infections increased and car 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. Standards such as US Federal Standard 209 were also established in order to guarantee quality.

### KEEPING AN EMPTY ROOM CLEAN IS NOT THE BIGGEST CHALLENGE.

The problems start when you put equipment in it – and people to handle the equipment. People give off hundreds of thousands of particles in the form of skin cells, microorganisms, hair and so on every minute, and the more we move, the more particles we give off. In practice, this means putting filters around the human body to prevent particles entering the air.

FRISTADS KANSAS HAS MANUFACTURED CLOTHING FOR CLEANROOMS AND CONTROLLED ENVIRONMENTS SINCE 1996.

ISO CLASS	MAX. NUMBER OF PARTICLES PER M³ > 0.5 μM	EQUIVALENT US FED STD 209E
1	0,35	
2	3,5	
3	35	1
4	352	10
5	3 520	100
6	35 200	1 000
7	352 000	10 000
8	3 520 000	100 000
9	35 200 000 (normal room air)	

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

Face mask

Change interval: Twice a week

Gloves

Face mask

Change interval: Twice a week

### 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. seamless fibres.



### **QUALITY XR50**

XR83 consists of 90% polyester and 10% conductive fibres, which provides extraordinarily good conductivity. The material has been especially developed for the production and assembly of ESD sensitive products. It has been tested according to the IEC 61340 standard and meets the requirements for use in protected areas - Electrostatic Protected Area (EPA).







### 1 COAT 1R011 XR50

**ARTICLE NO** 100647

Concealed zip / Side vents / Round neck with snap fastening / Elasticated cuffs / Raglan sleeves / ISO class 3.

MATERIAL 97% polyester, 3% conductive fibres. WEIGHT 115 g/m<sup>2</sup>

COLOUR 500 Pale Blue, 730 Green, 900 White.







### 2 COVERALL 8R012 XR50

**ARTICLE NO** 100650

Concealed zip / Round neck with snap fastening / Elasticated cuffs / Elasticated leg ends / Raglan sleeves / ISO class 3.

MATERIAL 97% polyester, 3 % conductive fibres. WEIGHT 115 g/m<sup>2</sup>. COLOUR 500 Pale Blue, 730 Green. SIZE Regular: XS-3XL.







### 3 COVERALL 8R013 XR50

**ARTICLE NO** 100651

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

MATERIAL 97% polyester, 3% conductive fibres. WEIGHT 115 g/m<sup>2</sup>. COLOUR 500 Pale Blue, 900 White. SIZE Regular: XS-3XL.









### FRISTADS KANSAS "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.













### 1 COVERALL 8R220 XR50

**ARTICLE NO** 104966

Concealed zip / Adjustable hood with buttons / Elasticated cuffs / Raglan sleeves / ISO class 3.

MATERIAL 97% polyester, 3% conductive fibre. WEIGHT 115 g/m². COLOUR 500 Pale Blue. SIZE Regular: XS-3XL.



### 2 HOOD 5R181 XR50

**ARTICLE NO** 100649

Adjustable with tie tape / Full shoulder cover / Opening for goggles / ISO class 3.

MATERIAL 97% polyester, 3% conductive fibres. WEIGHT 115 g/m². COLOUR 500 Palle Blue, 730 Green. SIZE One size.



### 3 BOOT 9124 XR50

**ARTICLE NO** 119934

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

MATERIAL 97% Polyester, 3% conductive fibers. WEIGHT 115 g/m<sup>2</sup>.

COLOUR 500 Pale Blue, 730 Green, 900 White. SIZE XS (34-35), S (36-37), M (38-39), L (40-41), XL (42-43), 2XL (44-45), 3XL (46-47).



### 4 HOOD 5R011 XR50

**ARTICLE NO** 101083

Zip / Adjustable snap fastenings at neck / Full shoulder cover / ISO class 3.

MATERIAL 97% polyester, 3% conductive fibres. WEIGHT 115 g/m². COLOUR 500 Pale Blue, 900 White. SIZE XS-2XL.



### 5 SOCKS 6R013 XF85

**ARTICLE NO** 100646

Stable filament fibre fabric / Autoclaveable / Pack of 6.

MATERIAL 100% polyamide. COLOUR 900 White. SIZE S(37-39), L(40-45), XL(46-48).



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### **QUALITY XA32**

XA32 consists of 99% polyester and 1% conductive fibres. The fibres 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 minimizing triboelectric attraction of particles and fibres. This makes the garments very suitable for activities such as vehicle spraying.













### 1 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 / ISO class 7.

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



### 2 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.



### 3 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 / ISO class 7.

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



### 4 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 / ISO class 7.

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



### 5 COAT 3R129 XA32

**ARTICLE NO** 100632

Concealed zip / Round neck with snap fastening / Elasticated cuffs / Raglan sleeves / ISO class 7.

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



### 6 TROUSERS 2R123 XA32

**ARTICLE NO** 100631

Elasticated waistband with drawstring / Open legs / Inside key pocket / ISO class 7.

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











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### **QUALITY XA80**

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 with our cleanroom workwear boosts particle filtration by up to 50%.

### 1 T-SHIRT 7R014 XA80

**ARTICLE NO** 100640

Long-sleeved / Round neck / Moisture-wicking. MATERIAL 100% polyester. WEIGHT 99 g/m². COLOUR 520 Middle Blue. SIZE XS-3XL.



### 2 T-SHIRT 7R005 XA80

**ARTICLE NO** 100639

Long-sleeved / V-neck / Moisture-wicking. MATERIAL 100% polyester. WEIGHT 99 g/m². COLOUR 930 Grey. SIZE XS-3XL.



### **3 T-SHIRT 7R015 XA80**

**ARTICLE NO** 100641

Short-sleeved / Round neck / Moisture-wicking. MATERIAL 100% polyester. WEIGHT 99 g/m². COLOUR 520 Middle Blue. SIZE XS-3XL.



### 4 LONG JOHNS 2R014 XA80

**ARTICLE NO** 100638

Elasticated waist with drawstring / Elasticated leg ends / Inside coin pocket / Moisture-wicking.

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



# TICH VISIBILITY



### EN ISO 20471 -AN INTERNATIONAL STANDARD FOR YOUR SAFETY

All our garments are certified according to the new standard for high visibility garments, EN ISO 20471, which replaced EN 471 in 2013. The new standard requires high visibility garments to be tested after washing. This increases the safety and ensures that the quality is the same both before and after washing. In addition, all reflective tapes are now included in the highest category i.e. category 2 in the former EN 471. Apart from the products' EN ISO 20471 certification, all the garments are tested in our laboratory to provide all of our users the maximum possible safety. Read more about the EN ISO 20471 standards and how to dress safely on pages 112-113 and 145





### COMFORT AND FUNCTION

The design of the garments is based on the idea that they 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. The materials are carefully tested to withstand tough working conditions while complying with all the requirements for international certifications.



### VISIBILITY AT NIGHT

Reflective tape increases the visibility in the evening and at night. The positioning of the reflective tapes on the garments is carefully tested to provide the maximum visibility. We only use reflective tape of the highest quality, which meets high washing requirements and is durable. We are now introducing double stitching on all of our reflective tapes to give even better durability.



### 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 placed on the points that are most exposed to soiling and wear.



### 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 471/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 zips before washing. GORE-TEX® garments should be tumble dried or ironed at low temperature. The heat helps to reactivate the impregnation.



### **MATERIAL PLU**

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.





### JACKET 4026 PLU, CL 3

**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 phone pocket with velcro fastening / Inside pocket with button / Adjustable waist and cuffs / Extended back / Reflective detail on shoulders / Can be used with detachable lining 100475 / Approved according to EN ISO 20471 class 2 – sizes XS and class 3 - S - 4XL / 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 XS-4XL.

























### 1 TROUSERS 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 enforced 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 plastic ID-card holder / Hammer loop/ CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Preshaped knees /CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA® reinforced leg ends / Approved according to EN ISO 20471 class 1 / 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, D84-120.









### 2 TROUSERS 2032 PLU

### **ARTICLE NO** 100979

2 front pockets / D-ring at waistband / Double enforced 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 plastic ID-card holder / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Preshaped knees / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA® reinforced leg ends / Approved according to EN ISO 20471 class 1 / 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/m<sup>2</sup>. 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, D84-120.











### **3 TROUSERS 213 PLU**

### **ARTICLE NO** 114099

Concealed front button / 2 front pockets / D-ring at waistband / 2 back pockets with flaps and velcro fastening / 2 leg pockets, 1 with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and plastic ID-card holder, 1 cargo pocket with bellow pleats, flap and velcro fastening, extra pocket and pen pocket / Ruler pocket / Approved according to EN ISO 20471 class 1 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 80% polyester, 20% cotton, dirt, oil and water repellent. Other material of 65% polyester, 35% cotton. WEIGHT 300 g/m<sup>2</sup>.

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.



















### 1 TROUSERS 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 plastic ID-card holder / Hammer loop / CORDURA®-reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Reinforced thigh panels in contrast colour / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening for heightadjustable knee pads / CORDURA®-reinforced leg ends / Approved according to EN ISO 20471 clas 2 / 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.















### 2 TROUSERS 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 plastic ID-card holder / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Reinforced thigh panels in contrast colour / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening for heightadjustable knee pads / CORDURA®-reinforced leg ends /approved according to EN ISO 20471 class 2 / 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,











3

### **FUNCTIONAL SOFT SHELL TROUSERS**

- · Comfortable soft shell material
- Windproof and water-repellent
- Breathable
- · CORDURA® reinforced knee pockets with outside opening
- Adjustable leg ends







### **3 TROUSERS 2083 WYH**

### ARTICLE NO 117060

Breathable, windproof and water repellent / 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 plastic ID-card holder / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Reinforced thigh panels in contrast colour / CORDURA® reinforced knee pockets with outside opening for height-adjustable knee pads / CORDURA® reinforced leg ends / Adjustable leg ends with inside elastic string / Approved according to EN ISO 20471 class 2 / OEKO-TEX® certified.

MATERIAL 100% polyester, softshell. WEIGHT 305 g/m<sup>2</sup>. COLOUR 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black. SIZE C44-C62, C146-C156, D84-D120.



























### 1 TROUSERS 2127 CYD

### **ARTICLE NO** 122191

2 CORDURA® reinforced nail pockets, 1 with 3 smaller pockets and tool loop, 1 with zip pocket / 2 bellowed front pockets / D-ring under nail pocket / 2 CORDURA® reinforced back pockets with loose bottom, 1 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 for height adjustable knee pads / CORDURA® reinforced leg end, adjustable with plastic snap fastening / Contrast seams / Approved according to 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.

















### 2 TROUSERS 2093 NYC

### **ARTICLE NO** 114026

Mesh ventilation at back yoke and knee / Double reinforced crotch seam / 2 loose-hanging CORDURA® reinforced outside pockets, 1 with zip pocket, 1 with 3 smaller pockets and tool loop / 2 front pockets, 1 with phone pocket / 2 slanted back pockets / Right leg pocket with pen holder, 2 buttons and loops for sheath knifes and CORDURA® reinforced folding rule pocket / Left multifunction leg pocket with phone pocket, ID-card pocket and large inside pocket with snap fastening / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA® reinforced leg ends adjustable with snap fastenings / Pockets reinforced with metallic rivets at stress points / D-ring on front belt loop and at back yoke / Wide belt loop at mid back / Approved according to EN ISO 20471 class 1 / 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.















### **3 TROUSERS 247 FAS**

### **ARTICLE NO** 100279

2 tuckable CORDURA® reinforced loose-hanging front pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops tuckable in front opening/ 2 front and back pockets with bellows pleat / 2 D-rings at waistband / Leg pocket with flap and snap fastening, phone pocket with flap and velcro fastening, concealed ID-card holder / 2 Hammer loops / Folding rule pocket in CORDURA® over side seam with tool pocket, pen pocket and 2 buttons and loops for 2 sheath knifes / Pre-shaped knees /CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / Approved according to EN ISO 20471 class 1 / OEKO-TEX® certified.

MATERIAL FAS® Fristads Kansas 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.



















### 1 BIB'N'BRACE 1014 PLU

### **ARTICLE NO** 101018

Front placket opening with two-way zip and snap fastening / 2 bib pockets with zip / Elasticated braces / 2 tuckable, CORDURA® reinforced loosehanging 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 plastic ID-card holder / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Adjustable waist with buttons / Reinforced thigh panels in contrasting colour / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA® reinforced leg ends / Approved according to EN ISO 20471 class 2 / 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.









### 2 BIB'N'BRACE 1015 PLU

### **ARTICLE NO** 101019

Elasticated braces / 2 bib pockets 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 plastic ID-card holder / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Reinforced thigh panels in contrast colour / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA®-reinforced leg ends / Approved according to EN ISO 20471 class 2 / 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.

















### 3 COVERALL 8618 PLU

### **ARTICLE NO** 101017

Reflective detail over shoulders / Front placket opening with two-way zip to top of collar and snap fastening / 2 chest pockets with zip / 2 front pockets / Side openings with snap button / D-ring at waistband / Double reinforced crotch seam / Inside pocket with button / Adjustable waist and cuffs / 2 back pockets / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and plastic ID-card holder / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Pre-sjhaped knees / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA®-reinforced leg ends / Approved according to EN ISO 20471 class 3 / 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/m<sup>2</sup>. COLOUR 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. SIZE Regular: S-3XL.



















### 1 3/4 TROUSERS 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 plastic ID-card holder / Hammer loop / CORDURA reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / Approved according to EN ISO 20471 class 2 / 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-C62, D84-D120.









### **2 SHORTS 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 / OEK0-TEX $^\circ$  certified.

MATERIAL 70% polyester, 30% cotton. Reinforcement in 100% Polyamide. WEIGHT 235 g/m<sup>2</sup>

COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red.

















### **3 WAISTCOAT 5305 TH**

### **ARTICLE NO** 110259

2 loose-hanging chest pockets, one with flap, the other with button / Buttons and loops for sheath knife / D-ring / 2 front pockets / 2 loose-hanging, tuckable pockets, one with extra pocket, the other with 3 extra pockets and tool loops / 2 loose-hanging back pockets, both with extra tool pocket / 2 hammer loops, one adjustable / Belt loops / Reflective tape on shoulders / Approved according to EN ISO 20471 class 2 / OEKO-TEX® certified.

MATERIAL 70% polyester, 30% cotton. WEIGHT 295 g/m². COLOUR 130 Hi-Vis Yellow.















### **4 SHORTS 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 with flap and velcro fastening / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and plastic ID-card holder / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons with loops for 2 sheath knifes / 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 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.









INDUSTRIAL











### 1 T-SHIRT 7407 TPS

### **ARTICLE NO** 100973

Rib-knit band at neck / Chest pocket / Striped reflective transfer / Cotton inside / Approved according to EN ISO 20471 class 2 - sizes XS - M and class 3 - sizes L - 3XL.

MATERIAL 84% Polyester, 16% Cotton. WEIGHT 175 g/m².
COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red.











### 2 T-SHIRT 7024 TPR

### **ARTICLE NO** 111333

Cotton inside / 5 cm gusset with gap in the reflective tape in side and on sleeve for comfort / Rib-knit band at neck /Sewn on reflective tape / Approved according to EN ISO 20471 class 2 - sizes XS - M and class 3 - sizes L - 3XL / Leasing laundrytested according to ISO 15797.

MATERIAL 84% polyester, 16% cotton. WEIGHT 175 g/m². COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red.













### **3 POLO SHIRT 7406 TPS**

### **ARTICLE NO** 100972

Rib-knit collar / Chest pocket / Striped reflective transfer / Cotton inside / Approved according to EN ISO 20471 class 2 - sizes XS - M and class 3 - sizes L - 3XL.

MATERIAL 84% Polyester, 16% Cotton. WEIGHT 175 g/m². COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red.











### 4 POLO SHIRT 7025 TPR

### **ARTICLE NO 111332**

Cotton inside /  $\rm 5\,cm$  gusset with gap in the reflective tape in side and sleeve for comfort / Rib-knitted collar / Sewn on reflective tape / Approved according to EN ISO 20471 class 2 - sizes XS - M and class 3 - sizes L - 3XL / Leasing laundrytested according to ISO 15797.

MATERIAL 84% polyester, 16% cotton. WEIGHT 175 g/m². COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red.

















### 1 SOFTSHELL JACKET 4840 SSL

### **ARTICLE NO** 101006

Zip to top of collar with zip garage / Phone pocket with zip, and opening and loop for earpiece / 2 front pockets / Cuffs and hem edge with stretch material / Thumb grip / Extended back / Approved according to EN ISO 20471 class 3.

MATERIAL 100% Polyester, Softshell. WEIGHT 250 g/m². COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. SIZE XS-3XL.





### 2 T-SHIRT 7411 TP

### **ARTICLE NO** 101010

Ribbed neck band / 2-needle stitches on reflective tape / Approved according to EN ISO 20471 class 2.

MATERIAL 100% Polyester. WEIGHT 180 g/m².
COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange,
330 Hi-Vis Red.
SIZEXS-3XL.













### **3 SHIRT 7409 SPC**

### **ARTICLE NO** 101008

Yoke / 2 chest pockets with flap and button, one with pen pocket / Reflective tape over shoulder / Approved according to EN ISO 20471 class 2 - size XS and class 3 - size S-3XL / OEKO-TEX® certified.

MATERIAL 70% Polyester, 30% Cotton. WEIGHT 190 g/m<sup>2</sup>.
COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange.



















### 1 SWEATSHIRT 728 BPV

### **ARTICLE NO** 100134

Short zip to top of collar/zip cover / Phone pocket with zip, and opening and loop for earpiece / Elasticated waist and cuffs / Reflective tape on shoulders / Approved according to EN ISO 20471 class 2 – sizes XS–S and class 3 – M–4XL / OEKO-TEX® certified.

MATERIAL 55% polyester, 45% cotton. WEIGHT 300 g/m<sup>2</sup>. COLOUR 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. SIZE XS-4XL.











### 2 SWEATSHIRT 7410 BPV

### **ARTICLE NO 101009**

Zip to top of collar with zip garage / 2 front pockets / Elasticated waist and cuffs / Reflective transfer / Reflective transfer over shoulder / Approved according to EN ISO 20471 class 2 – sizes XS and class 3 – S - 3XL.

MATERIAL 55% Polyester, 45% Cotton. WEIGHT 300 g/m². COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. SIZE XS-3XL.











### **3 SWEATSHIRT 7446 BPV**

### **ARTICLE NO** 110151

Elasticated waist and cuffs  $\,/\,$  5 cm gusset with gap in the reflective tape for better comfort / Reflective tape on shoulders / Approved according to with EN ISO 20471 class 3.

MATERIAL 55% polyester, 45% cotton. WEIGHT 300 g/m². COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red.









### 4 SWEATSHIRT 7408 BPV

### **ARTICLE NO 101005**

Zip to hood with zip garage / 2 front pockets / Elasticated waist and cuffs / Reflective transfer / Reflective transfer over shoulder / Approved according to EN ISO 20471 class 2 – sizes XS and class 3 – S - 3XL.

MATERIAL 55% Polyester, 45% Cotton. WEIGHT 300 g/m². COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. SIZE XS-3XL.









### WOMAN

Our women's range is available in all colour combinations, but only Hi-Vis Yellow/Navy is stocked. Other colours are manufactured after ordering - MTO (Make to order).



### MTO - MAKE TO ORDER

We do not stock the product; instead, we make it to order. The order must be for at least 2 garments per colour and size. The delivery time is approx. 5 weeks, apart from the lined jacket, where the delivery time is approx. 2 weeks.







### 1 WINTER JACKET 4131 PP, WOMEN

**ARTICLE NO** 119624

Polydex, dirt, oil and water-repellent / Fully lined / Reflective detail on shoulders / Front placket opening with zip to top of collar and snap fastening / Fleece lined collar / Microphone loops / Detachable lined hood with adjustment strap and drawstring / 1 bellowed chest pocket with flap and hidden snap fastening, ID-card holder and D-ring inside, 1 vertical pocket with zip / 1 chest pocket with zip / Map pocket with inside mobile phone pocket accessible from outside / 2 front pockets with zip / 2 inside pockets with zip / Adjustable hem with drawstring / Elastic inner cuffs with thumb grip / Adjustable width at sleeve end / Extended back / Zip in lining for easy embroidery and transfer / Approved according to EN ISO 20471 class 3 and EN 342 / Colours 196, 271 and 396 available as make to order solution.

MATERIAL 100% polyester, dirt, oil and water repellent. Quilted lining: 100% Polyester.

WEIGHT Outer fabric 270g/m², lining 130 g/m². COLOUR 171 Hi-Vis Yellow/Navy. Available as make to order solution: 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. SIZE S-2XL.













### 2 JACKET 4129 PLU, WOMEN

**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 / Can be used with detachable lining 111194 / Approved according to EN ISO 20471 class 2 - sizes XS - M and class 3 - L -3XL / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colours 196, 271, 396 available as make to order solution.

MATERIAL 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. WEIGHT 300 g/m<sup>2</sup>.

COLOUR 171 Hi-Vis Yellow/Navy. Available as make to order solution: 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black SIZE XS-3XI











### 3 JACKET LINING 9923 PK, WOMEN

ARTICLE NO 111194

For use with jacket 111193, women. MATERIAL 100% polyester, fur fibre.

WEIGHT 280 g/m<sup>2</sup> COLOUR 540 Dark Navy. SIZE XS-3XL.











### 1 TROUSERS 2129 PLU, WOMEN

### **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 plastic ID-card holder / Hammer loop/ CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening for heightadjustable knee pads / CORDURA® reinforced leg ends / Approved according to EN ISO 20471 class 1 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colours 196, 271, 396 available as make to order solution.

MATERIAL 65% Polyester, 35% Cotton, dirt, oil and water repellent. Other material in 65% Polyester, 35% Cotton. Reinforcement in 100% Polyamide. WEIGHT 300g/m² COLOUR 171 Hi-Vis Yellow/Navy. Available as make to order solution: 196 Hi-Vis Yellow/ Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black.











### 2 TROUSERS 2125 PLU, WOMEN

### **ARTICI F 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 plastic ID-card holder / Hammer loop / CORDURA®-reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Reinforced thigh panels in contrast colour / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA®-reinforced leg ends / Approved according to EN ISO 20471 class 1 - size C34-C40 and class 2 - size C42-C52 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colours 196, 271, 396 available as make to order solution.

MATERIAL 80% Polyester, 20% Cotton, dirt, oil and water repellent. Other material in 65% ester, 35% Cotton. Reinforcement in 100% Polyamide. WEIGHT 300 g/m² COLOUR 171 Hi-Vis Yellow/Navy, Available as make to order solution: 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. SIZE C34-C52.



### **3 TROUSERS 2135 PLU, WOMEN**

### **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 plastic ID-card holder / Hammer loop/CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Reinforced thigh panels in contrast colour / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA®-reinforced leg ends / Approved according to EN ISO 20471 class 1 - size C34-C40 and class 2 - size C42-C52 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colours 196, 271, 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 300g/m². COLOUR 171 Hi-Vis Yellow/Navy. Available as make to order solution: 196 Hi-Vis Yellow/ Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. SIZE C34-C52.









### 4 TROUSERS 2139 PLU, WOMEN

### **ARTICLE NO** 111192

2 front pockets / D-ring at waistband / 2 back pockets / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and plastic IDcard holder / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA® reinforced leg ends / Approved according to EN ISO 20471 class 1 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colours 196, 271, 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. Available as make to order solution: 196 Hi-Vis Yellow/ Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. SIZE C34-C52.











### 1 WAISTCOAT 500 NV

**ARTICLE NO** 100416

Front zip / Chest pocket with velcro fastening / Mobile phone pocket with pen pocket / Side vents / One size colour 230 approved according to EN 471 class 3 / Size S/M-2XL/3XL in colour 130, 230, 330 approved according to EN ISO 20471 class 3.

MATERIAL 100% polyester. WEIGHT 130 g/m<sup>2</sup>. COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red.











### 2 CAP 9107 SC

**ARTICLE NO** 117234

Curved peak / Peak detailing / Adjustable width back with velcro strap / Fristads Kansas embroidered logo in matching colour at back.

MATERIAL 540 Dark Navy, 940 Black 100% cotton. 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red 60% cotton and 40% polyester.

COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red, 540 Dark Navy, 940 Black. SIZE One size.



### **3 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.









### 4 WAISTCOAT 501 H

**ARTICLE NO** 100382

Velcro fastening / Approved according to EN ISO 20471 class 2.

MATERIAL 100% Polyester. WEIGHT 130 g/m<sup>2</sup>. COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red.

SIZE XS/S, M/L, XL/2XL, 3XL/4XL



### **5 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.





### **6 WINTER HAT 9105 GT**

ARTICLE NO 117230

Airtech® water and windproof winterhat / Pile lining / Adjustable neckflap.

MATERIAL 100% polyester Airtech®. Pile lining in 100%

WEIGHT 387 g/m<sup>2</sup>.

COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red, 540 Dark Navy, 940 Black. SIZE S/M, L/XL.











### 1 FLEECE JACKET 4041 FE

**ARTICLE NO** 119625

Breathable, wind and waterproof lining / Reflective detail on shoulders / Zip to top of collar / Chest pocket with zip, D-ring inside / 2 front pockets with zip / Inside pocket with zip / Zip in lining for easy embroidery and transfer / Adjustable hem with drawstring / Elastic cuffs / Approved according to EN ISO 20471 class 2 - sizes XS-S and class 3 - M -

MATERIAL 100% polyester. WEIGHT 290 g/m². COLOUR 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black.



### 2 JACKET LINING 923 PK

**ARTICLE NO** 100475

For use with jacket 100407, 100995 and 100980. MATERIAL 100% polyester, fur fibre. WEIGHT 280g/m². COLOUR 540 Dark Navy. SIZE S-3XL.











### **3 FLEECE JACKET 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 / Cuffs and hem edge with stretch material / Thumb grip / Extended back / Approved according to EN ISO 20471 class 2 - size 2XS and class 3 XS - 3XL / OEKO-TEX® certified.

MATERIAL 100% Polyester. WEIGHT 250 g/m². COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red. SIZE 2XS-3XL.











### **WORK SAFELY**

### WHATEVER THE WEATHER

Fristads Kansas GORE-TEX® garments have been developed to improve your performance and minimise the risk of illness or injury due to cold or wet conditions. Our clothing is water and windproof and has excellent ventilation properties. Their durability has been carefully tested, resulting in clothing with a long useful life. The GORE-TEX® material and our experience of workwear means you can work safely whatever the weather.













### 1 GORE-TEX \* JACKET 4988 GXB

**ARTICLE NO 120987** 

2-layer GORE-TEX  $^{\odot}\!$  , wind and waterproof 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 from outside / 2 front pockets with flap and water repellent zip / Inside pocket with zip / Zip in lining for easy embroidery and transfer / Adjustable  $hem\ with\ drawstring\ /\ Adjustable\ width\ at\ sleeve\ end\ /\ Elastic\ inner\ cuffs\ with$ thumb grip / Waterpillar > 10.000mm / ePTFE membrane / Breathability RET ≤ 6 / Approved according to EN ISO 20471 class 2 - size XS and class 3 S - 3XL, EN 343 3/3 / 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













### 2 GORE-TEX® PARKA 4834 GXB

**ARTICLE NO 100989** 

2-layer GORE-TEX  $^{\rm o},$  wind and waterproof but breathable / Fully lined / Reflective detail on shoulders / Front placket opening with zip to top of collar and snap fastening / Detachable lined hood with adjustable strap and drawstring / Adjustable sleeves / Drawstring at waist and hem / Chest pocket with zip and inside D-ring / 2 front pockets with zip under reflective detail / Mobile phone pocket with zip and map pocket accessible from outside / Inside pocket with zip / Zip in lining to make embroidery and transfer easier / Detachable lining with fleece collar and inside pocket with button / Waterpillar > 10.000mm / ePTFE membrane / Breathability RET < 6 /Approved according to EN ISO 20471 class 3, EN 343 3/3 / OEKO-TEX® certified.

MATERIAL Outer in 100% polyester, 2-layer GORE-TEX® laminate.wind and waterproof but breathable. Quilted lining in 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.











### **GORE-TEX \* TROUSER 2988 GXB**

2-layer GORE-TEX  $^{\circ}$ , wind and waterproof and breathable / Detachable braces / Elastic waistband / Belt loops / Zip fly / 2 fleece-lined side pockets with zip / 1 back pocket with flap and zip / 1 bellowed leg pocket with flap and zip / CORDURA® reinforced and pre-shaped knees with outside opening from above Condona Teliminoted and persinaped whees with outside opening from above for height adjustable knee pads / Snow gaiters and adjustable leg ends with zip / Waterpillar > 10.000 / ePTFE membrane / Breathability RET≤6 / Approved according to EN ISO 20471 class 2, EN 343 3/3 / 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.













**TESTED IN RAIN ROOM** 

**INDUSTRIAL WASHING 60°** 



### 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
- eTPFE membrane
- All seams are taped with eTPFE tape
- High breathability RET < 6
- Water column 28,000 mm in GORE's own tests. Independent test institutes only test up to 10,000 mm.
- The garments withstand 10,000 mm water column even after 35 washes at 60° industrial washing with maintained function.



WINDSTOPPER® garments are completely windproof and keep you warm, even under really windy conditions. At the same time they have very high breathability and ensure that moisture can evaporate from your body. The WINDSTOPPER® material is subjected to comprehensive testing to provide maximum functionality throughout the working day.

- · Completely windproof.
- · High breathability.
- Water-repellent.
- eTPFE membrane.









### 1 WINDSTOPPER® JACKET 744 GWG

### **ARTICLE NO** 100369

 $\hbox{WINDSTOPPER} {}^{\circledcirc} \ breathable, wind proof and water repellent / Reflective \ detail \ on$ shoulders / Front placket opening with zip to top of collar and snap fastening / 2 front pockets with zip, one with D-ring for plastic ID-card holder / Chest pocket with zip / 2 inside pockets, one with loop for earpiece/adjustable cuffs / Pre-shaped elbows / Drawstring hem / ePTFE membrane / Breathability RET < 9 / Approved according to EN ISO 20471 class 2 - size XS and class 3 - sizes S - 3XL / OEKO-TEX® certified.

MATERIAL 100% Polyester 3-layer WINDSTOPPER® laminate, breathable, windproof and water repellent. WEIGHT 265 g/m<sup>2</sup>

COLOUR 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy. SIZE XS-3XL.

















### 2 WINDSTOPPER® TROUSERS 246 GWR

### **ARTICLE NO** 100371

 ${\tt WINDSTOPPER}^{\circledcirc}\ breathable, windproof\ and\ water\ repellent\ /\ 2\ tuckable, {\tt CORDURA}^{\circledcirc}$ reinforced loose-hanging pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 large, CORDURA  $^{\odot}$  reinforced front and back pockets / D-ring at waistband / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and plastic ID-card holder / Hammer loop / Folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads /CORDURA®-reinforced leg ends / ePTFE membrane / Breathability RET < 8 / Approved according to EN ISO 20471 class 2 / OEKO-TEX®

MATERIAL 100% Polyester 3 layer WINDSTOPPER® laminate, breathable, windproof and water repellent. Some parts, such as pockets, are not in WINDSTOPPER® material WEIGHT 320 g/m<sup>2</sup>.

COLOUR 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy. SIZE C44-C60, C146-C156, D92-D120.









### **COMFORTABLE WATERPROOF ALL-YEAR-ROUND GARMENTS**

Functional shell garments in breathable water and windproof material. Practical design with many functions and comfortable fit. The perfect garment for all year use. In colder weather, the jacket can be supplemented with a thermal lining or a fleece jacket.

- · Water and windproof, breathable.
- 10,000 mm water column.
- · Taped seams.
- Sizes 2XS 3XL.





















### **ARTICLE NO** 100995

Airtech® breathable, wind and waterproof / Reflective detail on shoulder / Zip to top of collar / Fleece-lined collar / Detachable hood with adjustable strap and drawstring / 2 chest pockets with zip / Concealed ID-card holder / 2 front pockets with zip / Map pocket with inside mobile phone pocket, buttonhole and loop for earpiece reachable from outside / 2 inside pockets with zip and opening for earpiece / Adjustable cuffs / Adjustable waist with drawstring / Extended back / Mesh lining at back / Zip in lining for easy embroidery and transfer / Designed for use with detachable lining 100475 / Waterpillar 10.000 mm / Approved according to EN ISO 20471 class 2 - size 2XS -XS and class 3 - S - 3XL and EN 343 class 3/3 / OEKO-TEX® certified.

MATERIAL Airtech® breathable, wind and waterproof material, 100% Polyester. Polyester mesh and taffeta lining. WEIGHT Outer fabric 190 g/m², lining 60 g/m² COLOUR 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black.











### 2 AIRTECH® TROUSERS 2153 MPVX

### **ARTICLE NO** 100996

Airtech® breathable, wind and waterproof / Elastic detachable braces / 2 front pockets with concealed zip / Back pocket with concealed zip / D-ring / Loops at waist / Extended back / Leg pocket with flap and Velcro fastening / Adjustable leg ends / Long zip in side seam to leg end / Knee pockets with inside opening for heightadjustable knee pads / Mesh lining upper part / Waterpillar 10.000 mm / Approved according to EN ISO 20471 class 2 and EN 343 class 3/3 / OEKO-TEX® certified.

MATERIAL Airtech® breathable, wind and waterproof material, 100% Polyester. Polyester mesh and taffeta lining. WEIGHT Outer fabric 190 g/m², lining 60 g/m² COLOUR 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. SIZE 2XS-3XL.



### PROTECTS AGAINST THE COLD, WET, WIND AND SNOW

Fristads Kansas Airtech® is a water and windproof material that protects against the cold, wind and snow. It is also breathable and keeps you dry and comfortable by allowing excess heat to escape. All seams exposed to the weather and wind are taped.

- Waterproof
- Windproof
- Breathable
- Taped seams
- 10.000 mm water column















### 1 AIRTECH® WINTER TROUSERS 2699 GTT

**ARTICLE NO** 116158

Airtech® breathable, wind and waterproof / Elastic waistband / Zip fly / Higher at back / Detachable braces with fleece yoke at back / 2 front pockets with flap / 2 front pockets with bellows pleat / 1 back pocket with flap / Ruler pocket at right leg / CORDURA® reinforced and pre-shaped knees / Reflective piping around knee / CORDURA® reinforced inside leg ends / Snow gaiter with zip and adjustable leg ends / Waterpillar 10.000 mm / Approved according to EN ISO 20471 class 1, EN 343 class 3/1 and EN 342. Airtech® material approved according to EN 343 class 3/3.

MATERIAL Airtech®, 100% polyester, breathable, wind and waterproof. Quilted lining: 100% Polyester. Reinforcement in 100% polyamide. WEIGHT Outer fabric 150 g/m2, lining 170 g/m2. COLOUR 196 Hi-Vis Yellow/Black.

















### 2 AIRTECH® WINTER TROUSERS 2035 GTT

ARTICLE NO 100994

Airtech® breathable wind and waterproof / Fully lined / 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, and D-ring with plastic ID-card holder / Pre-shaped knees / Knee pockets with inside opening for height-adjustable knee pads / Reinforced thigh panel in contrast colour / Short zip at leg ends / Adjustable leg ends / Waterpillar 10.000 mm / Approved according to EN ISO 20471 class 2, EN 343 class 3/1 and EN 342, main fabric approved in accordance with EN 343 class 3/3 / Leasing laundry-tested according to

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.

















### 3 AIRTECH® WINTER COVERALL 8015 GTT

**ARTICLE NO** 119627

Airtech® breathable, wind and waterproof / Fully lined / 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 from outside / 2 inside pockets with zip / Adjustable drawstring at waist / Elastic cuffs with thumb grip / Adjustable sleeve ends / 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 for height-adjustable knee pads / Concealed zip up to knees / Adjustable leg ends / Snow lock / Zip in lining for easy embroidery and transfer / Waterpillar 10.000mm / Approved according to EN ISO 20471 class 3, EN 343 class 3/1 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3/ Leasing laundry-tested according to ISO 15797.

MATERIAL Airtech®, 100% polyester, breathable, wind and waterproof. Quilted lining: 100% Polyester. WEIGHT Outer fabric 150 g/m², lining 120 g/m² COLOUR 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-vis Orange/Navy, 396 Hi-Vis Red/Black





















**ARTICLE NO** 119626

Airtech® breathable, wind and waterproof / Fully lined / Detachable lined hood with adjustable strap and drawstring / 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, and buttonhole and loop for earpiece accessible from outside / 2 fleece-lined front pockets with zip / Adjustable hem with drawstring / 2 inside pockets with zip and buttonhole and loop for earpiece / Mesh lining in armhole / Zip in lining for easy embroidery and transfer / Elastic inner cuff with thumb grip / Adjustable sleeve ends / Extended back / Waterpillar 10.000mm / Approved according to EN ISO 20471 class 2 - XS and class 3 S-4XL, EN 343 class 3/1 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3 / Leasing laundry-tested according to ISO 15797.

MATERIAL Airtech®, 100% polyester, breathable, wind and waterproof. Quilted lining: 100% Polyester. **WEIGHT** Outer fabric 150 g/m², lining 120 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 Hivis yellow/navy XS-4XL, Other colors XS-3XL.













### 2 AIRTECH® PARKA 4036 GTT

**ARTICLE NO** 119628

Airtech® breathable, wind and waterproof / Detachable 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 concealed snap fastening / 2 chest pockets with zip / ID-card pocket / Map pocket with inside mobile phone pocket accessible from outside / 2 bellowed front pockets with flap and concealed snap fastening / 2 fleece-lined hand-warmer pockets / Microphone loop inside / 2 inside pockets with zip / Adjustable waist with drawstring / Elastic inner cuff with thumb grip / Adjustable sleeve end / Zip in lining for easy embroidery and transfer / Waterpillar 10.000mm / Approved according to EN ISO 20471 class 3, EN 343 class 3/3 and EN 342 / Leasing laundry-tested according to ISO 15797.

MATERIAL Airtech®, 100% polyester, breathable, wind and waterproof. Quilted lining in 100% Polyester. WEIGHT Outer fabric 150 g/m², lining 180 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 Hivis yellow/navy XS-4XL, Other colors XS-3XL.

















### **ARTICLE NO** 122168

Polydex, dirt oil and water-repellent / Fully lined / Reflective tape on shoulders / Fiber fur inside collar / Front placket opening with zip to top of collar and snap fastening / 2 chest pockets with flaps and velcro fastening, 1 with D-ring / Inside pocket with button / Adjustable waistband / Elastic cuffs / Adjustable sleeve ends / 2 side pockets / Back pocket with flap and velcro fastening /  $\mathsf{CORDURA}^{\otimes}$  reinforced bellowed folding rule pocket with pen pocket and button and loop for sheath knife / Leg pocket with flap and velcro fastening, D-ring, mobile phone pocket with flap and velcro fastening, 1 extra pocket / Concealed zip up to knees / Adjustable leg ends / Approved according to EN ISO 20471 class 3 and EN 342 / Leasing laundry-tested according to ISO 15797

MATERIAL 100% polyester, dirt, oil and water repellent. Quilted lining: 100% Polyester.

WEIGHT Outer fabric 270 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 S-3XI





### 2 WINTER WAISTCOAT 5304 TH

### **ARTICLE NO** 110141

Fully lined with fiber fur / Zip and buttons to top of collar / 2 chest pockets with flaps and velcro fastening, 1 with D-ring / 2 front pockets with fibre fur lining / Inside pockets with button / Inside mobile phone pocket with velcro fastening / Extended back / Reflective tape on shoulders / Approved according to EN ISO 20471 class 2.

MATERIAL 70% polyester, 30% cotton, Fiber fur lining: 100% polyester.

WEIGHT Outer fabric 295 g/m², lining 280 g/m². COLOUR 131 Bright Yellow, 230 Hi-Vis Orange.













### **3 WINTER JACKET 444 PP**

### **ARTICLE NO** 100496

Polydex, dirt oil and water-repellent / Fully lined with fiber fur / Zip to top of collar / Unlined, tuckable hood / 2 chest pockets with flap and D-ring / 2 front pockets / 2 inside pockets / Mobile phone pocket / Loop for earpiece / Adjustable waist and cuffs / Elasticated cuff inside sleeves / Extended back / Zip in lining for easy embroidery and transfer / Approved according to EN ISO 20471 class 3 and EN 342.

MATERIAL Fristads Kansas Polydex, 100% polyester, dirt, oil and water repellent. Fiber fur lining: 100% Polvester.

WEIGHT Outer fabric 230 g/m², Lining 280 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.









### **DURABLE AND DIRT REPELLENT** FOR COLD WORKING DAYS













### 1 WINTER TROUSERS 2034 PP

### **ARTICLE NO** 100984

Polydex, dirt oil and water-repellent / Fully lined / Belt loops / Adjustable waistband / D-ring / 2 front pockets with covered zips / Double reinforced crotch seam / 2 back pockets with flaps and velcro fastening / Folding rule pocket with pen pocket, 2 buttons and loops for 2 sheath knifes / Leg pocket with flap and velcro fastening , mobile phone pocket with flap and velcro fastening, and D-ring with plastic ID-card holder / Pre-shaped knees / CORDURA reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA® reinforced thigh / Short zip at leg ends / Adjustable leg ends / CORDURA® reinforced leg ends / Approved according to EN ISO 20471 class 2 and EN 342.

MATERIAL Fristads Kansas Polydex, 100% polyester, dirt, oil and water repellent. Quilted lining: 100% Polyester. WEIGHT Outer fabric 270 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.













2 WINTER JACKET 4043 PP

### **ARTICLE NO** 119630

Polydex, dirt, oil and water-repellent / Fully lined / Reflective detailing on shoulders / Front placket opening with zip to top of collar and snap fastening / Fleece-lined collar / Microphone loops / Detachable lined hood with adjustment strap and drawstring / 1 bellowed chest pocket with flap and hidden snap fastening, ID-card holder and D-ring inside, 1 vertical pocket with zip / 1 chest pocket with zip / Map pocket with inside mobile phone pocket accessible from outside / 2 front pockets with zip / 2 inside pockets with zip / Adjustable hem with drawstring / Elastic inner cuffs with thumb grip / Adjustable sleeve end / Extended back / Zip in lining for easy embroidery and transfer / Approved according to EN ISO 20471 class 3 and EN 342.

MATERIAL 100% polyester, dirt, oil and water repellent. Quilted lining 100% polyester.
WEIGHT Outer fabric 270 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 171 Hi-Vis Yellow/Navy XS-4XL. Other colors XS-3XL.







### 3 PARKA 4042 PP

### **ARTICLE NO** 119629

Polydex, dirt, oil and water-repellent / Fully lined / 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 / 1 bellowed chest pocket with flap and hidden snap fastening , ID-card holder and D-ring inside, 1 vertical pocket with zip / 1 chest pocket with zip / Map pocket with inside mobile phone pocket and buttonhole and loop for earpiece accessible from outside / 2 front pockets with flaps and concealed snap fastening / 2 fleece-lined handwarmer pockets / 2 inside pockets with zip, buttonhole for microphone and loops / Adjustable waist with drawstring / Zip in lining for easy embroidery and transfer / Elastic inner cuff / Adjustable sleeve end / Approved according to EN ISO 20471 class 3 and EN 342.

MATERIAL 100% polyester, dirt, oil and water repellent. Quilted lining in 100% Polyester. WEIGHT Outer fabric 270 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.



### MATERIAL TH

TH is a durable material in 70% polyester and 30% cotton that is dirt, oil and water-repellent.









### 1 JACKET 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 / Reflective tape on shoulders / Approved according to EN ISO 20471 class  $2-\mathrm{size}\,\mathrm{XS}$  and class 3 - S - 3XL / 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, 396 Hi-Vis Red/Black. SIZE XS-3XL.













### 2 BIB'N'BRACE 1001 TH

### **ARTICLE NO** 100003

Adjustable elasticated braces / Bib pocket with flap and button / 2 side pockets / 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 opening for height-adjustable knee pads / Approved according to EN ISO 20471 class 2 / 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, 396 Hi-Vis Red/Black. SIZE C44-C66, C146-C156, D92-D120.



















### 3 TROUSERS 2001 TH

### **ARTICLE NO** 100002

2 side pockets / Back pockets / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening / D-ring / Folding rule pocket with pen pocket, and button and loop for sheath knife / Knee pockets with opening for height adjustable knee pads / Approved according to EN ISO 20471 class 2 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 70% polyester, 30% cotton. WEIGHT 295g/m2. **COLOUR** 171 Hi-Vis Yellow/Navy, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. **SIZE** C44-C66, C146-C156, D92-D120.













### 4 COVERALL 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 / 2 front pockets / Back pockets / Adjustable cuffs / Inside pocket with button / Adjustable elasticated back / D-ring / 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 opening for height adjustable knee pads / Reflective tape on shoulders / Approved according to EN ISO 20471 class 3 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 70% polyester, 30% cotton. WEIGHT 295 g/m<sup>2</sup>. COLOUR 171 Hi-Vis Yellow/Navy, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. SIZE Regular: S–3XL.















### 1 RAIN JACKET 4624 RS

### **ARTICLE NO** 114041

PU-coated Polyester jersey / Buttons and two-way zip / Adjustable sleeves / Ventilated yoke at front and back / Detachable hood with drawstring / Concealed D-ring for ID-card holder / 2 front pockets right with mobile pocket / Approved according to EN ISO 20471 class 2 - size 2XS and class 3 - size XS-3XL and EN 343 class 3/1.

MATERIAL 100% polyester jersey PU-coated.

WEIGHT 170 g/m<sup>2</sup>.
COLOUR 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy.













### 2 TROUSERS 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/m<sup>2</sup>

COLOUR 171 Hi-Vis Yellow/Navy, 196 Hi-Vis Yellow/ Black, 271 Hi-Vis Orange/Navy.













### **3 RAIN COAT 4634 RS**

### **ARTICLE NO** 114040

PU-coated Polyester jersey / Buttons and two-way zip / Adjustable sleeves / Ventilated yoke at front and back / Detachable hood with drawstring / Concealed D-ring for ID-card holder / 2 front pockets right with mobile pocket / Approved according to EN ISO 20471 class 2 - size 2XS and class 3 - size 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.











### **RS STRETCH**

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.



### **4 RAIN HAT 9920 RS**

### **ARTICLE NO** 114043

PU-coated Polyester jersey / Fleece lining / Ear flaps with drawstring / Approved according to EN 343 class 3/1.

MATERIAL 100% polyester jersey PU-coated. Fleece: 100% polyester. WEIGHT 170 g/m². COLOUR 130 Hi-Vis Yellow. SIZE M-L (60-62), XL-2XL (62-64).











### **5 RAIN TROUSERS LEGGINGS** 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.









### FLUORESCENT AND REFLECTIVE AREAS ON THE GARMENTS

EN ISO 20471 is a standard for high visibility garments – garments with enhanced visibility. 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. Look in the table below to determine the class required. 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 flourescent area must be at least 0.8 m² to conform with class 3. For more information about the high visibility standard, please see page 144.

### MINIMUM AREA IN M<sup>3</sup>TO OBTAIN APPROVAL ACCORDING TO ISO 20471 AND EN 471

MATERIAL	CLASS 3	CLASS 2	CLASS 1
Fluorescent	0.8	0.5	0.14
Reflective	0.2	0.13	0.1



EN ISO 20471
The number 3 stands for class 3 and the reflective category is always the highest. Read more on page 144.

A SIZE XS F SIZE L-3XL
B SIZE XS-S G SIZE 2XS
C SIZE XS-M H SIZE XS-3XL

	D SIZE S		SIZE S-M
1			1

FRISTADS KANSAS HI-VIS GARMENTS	ARTI- CLE NO	FLUORESCENT AREA/M <sup>2</sup>	REFLECTIVE AREA/M <sup>2</sup>	CLASS	
Jacket 4794 TH	100001	0,70 A 0,82 D	0,23 A 0,25 D	2 3	
Trousers 2001 TH	100002	0,64	0,13	2	
Bib'n'brace 1001 TH	100003	0,80	0,14	2	
Coverall 8601 TH	100004	0,84	0,30	3	
Sweatshirt 728 BPV	100134	0,71 B 0,90 E	0,18 B 0,20 E	2 3	
Trousers 247 FAS	100279	0,17	0,10	1	
WINDSTOPPER® Jacket 744 GWG	100369	0,74 A 0,80 D	0,20 A 0,21 D	2 3	
WINDSTOPPER®-byxa 246 GWR	100371	0,52	0,13	2	
Waistcoat 501 H	100382	0,44 B 0,51 E	0,10 B 0,14 E	1 2	
Waistcoat 500 NV	100416	0,83	0,25	3	
Winter Jacket 444 PP	100496	0,82	0,2	3	
Polo shirt 7406 TPS	100972	0,61 C 0,81 F	0,16 C 0,20 F	2 3	
T-shirt 7407 TPS	100973	0,61 C 0,81 F	0,16 C 0,20 F	2 3	
Trousers 2025 PLU	100974	0,65	0,13	2	
Trousers 2026 PLU	100975	0,65	0,13	2	
3/4 Trousers 2027 PLU	100976	0,53	0,14	2	
Shorts 2028 PLU	100977	0,39 ≥ C44 0,52 ≥ C52	0,14≥C44 0,16≥C52	1 2	
Trousers 2029 PLU	100978	0,14	0,10	1	
Trousers 2032 PLU	100979	0,14	0,10	1	
Winter Trousers 2034 PP	100984	0,7	0,14	2	
GORE-TEX® Parka 4834 GXB	100989	0,82	0,21	3	
Airtech® Winter Trousers 2035 GTT	100994	0,63	0,15	2	
Airtech® Jacket 4153 MPVX	100995	0,70 A 0,88 D	0,20 A 0,22 D	2 3	
Airtech® Trousers 2153 MPVX	100996	0,66	0,14	2	
Sweatshirt 7408 BPV	101005	0,80 A 0,19 A 2 0,20 D 3			
Softshell Jacket 4840 SSL	101005 0,80 A 0,19 A 0,20 D 3  101006 0,90 0,22 3  101008 1,02 D 0,20 D 3  101009 0,82 A 0,92 D 3  101009 0,82 A 0,20 D 3				
Shirt 7409 SPC	101005 0,80 A 0,20 D 3 101006 0,90 0,22 3 101008 0,78 A 0,19 A 2 1,02 D 0,20 D 3 101009 0,82 A 0,18 A 2 0,92 D 0,20 D 3 101010 0,68 0,13 2				
Sweatshirt 7410 BPV	BPV 101005 0,80 D 0,20 D 3  101006 0,90 0,22 3  101008 0,78 A 0,19 A 2 0,20 D 3  BPV 101009 0,82 A 0,18 A 2 0,92 D 3  101010 0,68 0,13 2				
T-Shirt 7411 TP	Shift 7408 BPV				
Coverall 8618 PLU					
Bib'n'brace 1014 PLU	101006 0,90 0,22 3 101008 0,78 A 1,02 D 0,20 D 3 101009 0,82 A 0,20 D 3 101010 0,68 0,13 2 101017 0,81 0,30 3 4 PLU 101018 0,73 0,14 2 5 PLU 101019 0,75 0,15 2 RS 114040 0,72 G 0,20 G 2 0,81 H 0,25 H 3 24 RS 114041 0,71 G 0,20 G 2 0,80 H 0,21 H 3 at 110141 0,54 0,13 2				
Bib'n'brace 1015 PLU	101008 1,02 D 0,20 D 3 0 BPV 101009 0,82 A 0,18 A 2 0 D92 D 0,20 D 3 101010 0,68 0,13 2 101017 0,81 0,30 3 14 PLU 101018 0,73 0,14 2 15 PLU 101019 0,75 0,15 2 18 RS 114040 0,72 G 0,20 G 2 0,81 H 0,25 H 3 24 RS 114041 0,71 G 0,20 G 2 0,80 H 0,21 H 3 14 PLU 10141 0,54 0,13 2				
Rain Coat 4634 RS	101008 1,02 D 0,20 D 3 1.02 D 0,20 D 3 1.02 D 0,82 A 0,18 A 2 0,92 D 0,20 D 3 1.1 TP 101010 0,68 0,13 2 1.1 TP 101017 0,81 0,30 3 1.1 TP 101018 0,73 0,14 2 1.1 101019 0,75 0,15 2 1.1 101019 0,75 0,15 2 1.1 101019 0,75 0,15 2 1.1 101019 0,71 G 0,20 G 2 1.1 101019 0,71 G 0,20 G 2 1.1 101019 0,71 G 0,20 G 2 1.1 10101 0,50 D,20 G 2 1.1 10101 0,50 0,13 2				
Rain Jacket 4624 RS	101008 1,02 D 0,20 D 3 410 BPV 101009 0,82 A 0,18 A 2 0,92 D 0,20 D 3 TP 101010 0,68 0,13 2 3 PLU 101017 0,81 0,30 3 014 PLU 101018 0,73 0,14 2 015 PLU 101019 0,75 0,15 2 034 RS 114040 0,72 G 0,20 G 2 0,81 H 0,25 H 3 0624 RS 114041 0,71 G 0,20 G 2 0,80 H 0,21 H 3				
Winter Waistcoat 5304 TH	110141		0,13	2	
Sweatshirt 7446 BPV	110151	0,81	0,20	3	

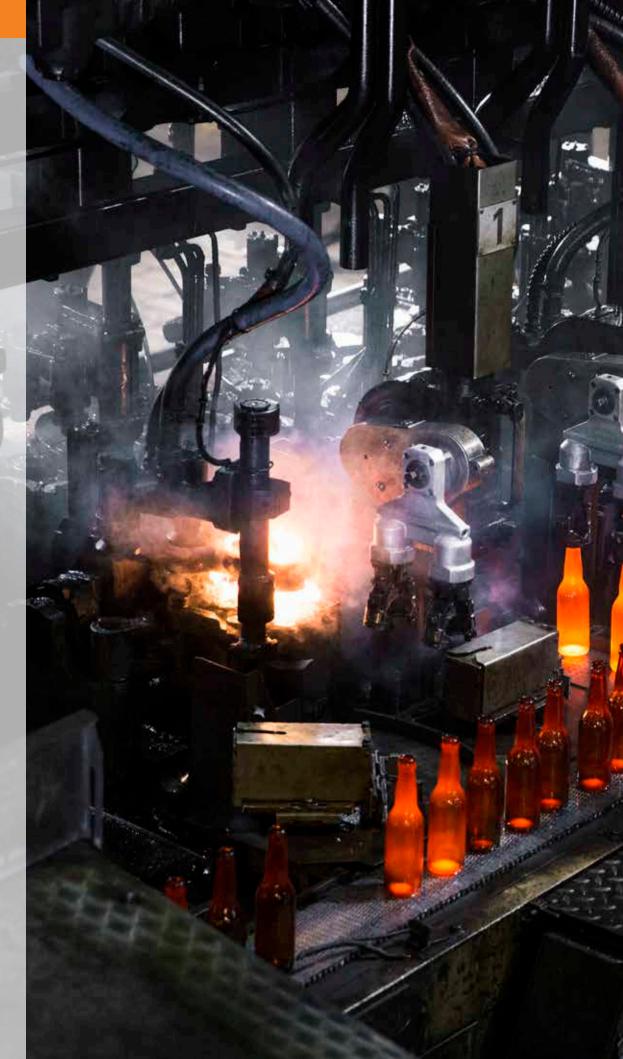
FRISTADS KANSAS HI-VIS GARMENTS	ARTI- CLE NO	FLUORESCENT AREA/M <sup>2</sup>	REFLECTIVE AREA/M²	CLASS
Waistcoat 5305 TH	110259	0,51	0,13	2
Trousers 2125 PLU, Women	111189	0,63 ≥ C34 0,72 ≥ C42	0,12 ≥ C34 0,13 ≥ C42	1 2
Trousers 2129 PLU, Women	111190	0,21	0,1	1
Trousers 2135 PLU, Women	111191	0,63 ≥ C34 0,72 ≥ C42	0,12 ≥ C34 0,13 ≥ C42	1 2
Trousers 2139 PLU, Women	111192	0,21	0,1	1
Polo shirt 7025 TPR	111332	0,64 C 0,82 F	0,17 C 0,20 F	2 3
T-shirt 7024 TPR	111333	0,64 C 0,82 F	0,17 C 0,20 F	2 3
Trousers 2625 RS	111376	0,58	0,13	2
Trousers 2093 NYC	114026	0,14	0,1	1
Rain Trousers Leggings 2620 RS	114042	0,81	0,14	2
Fleece Jacket 4400 FE	114087	0,9	0,2	3
Shorts 2528 THL	114097	0,41 ≥ C44 0,51 ≥ C52	0,14 ≥ C52 0,17 ≥ C52	1 2
Trousers 213 PLU	114099	0,17	0,1	1
Airtech® Winter Trou- sers 2699 GTT	116158	0,26	0,1	1
Trousers 2083 WYH	117060	0,68	0,13	2
Jacket 4026 PLU, cl 3	119621	0,73 A 0,80 I 0,87 E	0,19 A 0,20 I 0,20 E	2 3 3
Jacket 4129 PLU, women	119623	0,62 A 0,67 J 0,8 F	0,16 A 0,17 J 0,2 F	2 2 3
Winter jacket 4131 PP, women	119624	0,83	0,23	3
Fleece jacket 4041 FE	119625	0,7 B 0,9 E	0,17 B 0,21 E	2 3
Airtech® Winter jacket 4035 GTT	119626	0,79 A 0,86 D	0,19 A 0,20 D	2 3
Airtech® Winter coverall 8015 GTT	119627	1,02	0,32	3
Airtech® Parka 4036 GTT	119628	0,83 A 0,92 D	0,20 A 0,21 D	3
Parka 4042 PP	119629	0,85	0,2	3
Winter jacket 4043 PP	119630	0,83	0,23	3
GORE-TEX® Trouser 2988 GXB	120986	0,63	0,13	2
GORE-TEX® Jacket 4988 GXB	120987	0,76 A 0,82 D	0,20 A 0,22 D	2 3
Trousers 2127 CYD	122191	0,14	0,1	1
Wintercoverall 8001 PP	122168	1,07	0,32	3
Fleecejacket 4063 ATF	122233	0,8 A 0,86 D	0,19 A 0,20 D	2 3
Trousers 2176 ATHS	121355	0,14	0,1	1
Jacket 4175 ATHS	119922	0,77 A 0,86 D	0,18 A 0,20 D	2 3
Winter jacket 4185 ATHS	119923	0,62 A 0,87 D	0,19 A 0,20 D	2 3
Jacket 4176 ATHS	120929	0,43 B 0,55 E	0,18 B 0,20 E	1 2

# COMBINING GARMENTS THAT TOGETHER ATTAIN THE HIGHEST SAFETY CLASS

To attain a protection system with the highest possible certification class – class 3 – various combinations of garments are certified together. Combining different garments provides many possibilities. A garment that is certified as class 1 can be combined with a garment that is certified as class 2, to attain in combination class 3 in all sizes. All approved combinations are specified on the CE label on each garment, see example on page 145.

In the table below, we show which garments can be combined to attain EN ISO 20471 class 3.

		v o											Н	IIGH	l VIS	SIBI	LITY												FLA	MES	TAT			FL	AMT	TECH	H®	
		TROUSERS	102	003	79	74	75	92	77	78	79	84	94	18	19	99	90	- 6	32	7 2	26	42	97	99	90	98	96	17	19	20	90	55	56	85	949	22	52	53
		ĕ	100002	100003	100279	100974	100975	100976	100977	100978	100979	100984	100994	101018	101019	111189	111190	9 2	1 1 3 2	11003/1	114026	114042	114097	114099	117060	120986	100996	109417	109419	109420	110706	121355	101056	108085	101046	108655	108652	108653
				П		T	T				T	T					$\top$			T	T	T				$\exists$					T	T	T	П	П	T	$\top$	
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												&	ers 2			men	men	men		ers 2		s 262				2988 GXB	3 MP		S	ATHS	680		노	=WA				
				Ξ		$\neg$	ے ا	PE		_		034	ons.	2	ΞĮ	, W	, W	, W	7, 1	rous	0	ging			Ŧ	ser 2	215	φ	ATH	2 2	ers 2	ş	7 RS	049	ΡΑ	Æ	BPA	ΡA
			T-	001	FAS	5 PL	6 PL	2027	2	9 PL	2 PL	ers 2	ter Ti	014 F	015	5 PLI	9 PLI	2 2	9 6	8 G	2 X	sLeg	뒫	PLU	3 8	Trous	sers	4 ATI	1075	5 AT	rous	6 ATI	s 204	ers 2	2 FB	1 FB	322 F	0 FB
			s 200	ace 1	s 247	s 202	s 202	sers	2028	s 202	s 203	rous	Win	ace 1	ace 1	s 212	\$212	8 2 1 3	2 2 2	OPP	s 202	user	2528	s 213	s 208	⊗ X B	Tro	s 207	race	s 207	S S	s 217	user	rous	s 204	s 20E	ice 1	s 20E
			Trousers 2001 TH	Bib'n'brace 1001 TH	Trousers 247 FAS	Trousers 2025 PLU	Trousers 2026 PLU	3/4 Trousers 2027	Shorts 2028 PLU	Trousers 2029 PLU	Trousers 2032 PLU	Winter Trousers 2034	Airtech® Winter Trousers 2035 GTT	Bib'n'brace 1014 PLU	Bib'n'brace 1015 PLU	Trousers 2125 PLU, Women	Trousers 2129 PLU, Women	Trousers 2135 PLU, women	HOUSELS ZISS PLO, WUITIEN	WINDSTOPPER® Irousers 246 GWR	Trousers 2093 NYC	Rain Trousers Leggings 2620 RS	Shorts 2528 THI	Trousers 213 PLU	Trousers 2083 WYH	GORE-TEX® Trouser	Airtech® Trousers 2153 MPVX	Trousers 2074 ATHS	Bib 'n' Brace 1075 ATHS	Trousers 2075 ATHS Winter Trousers 2085	GORE-TEX® Trousers 2089 GXH	Trousers 2176 ATHS	Rain Trousers 2047 RSHF	Winter Trousers 2049 FWA	Trousers 2042 FBPA	Trousers 2051 FBPA	Bib'n'brace 1022 FBPA	Trousers 2050 FBPA
UPP	ER PART	s	Tro	Bib	본	길	L 120	3/4	ę.	윤	은	Š	Ą	Bib	Bib	Tr	F	2 5		\$ 5	2 2	Rai	Sho	Tro	T70	99	Ā	L	Bis	N Y	99	75	Rai	Wir	75	유	Bib	Tr
	100001	Jacket 4794 TH	3	3			4				4	4					_			4	_					4	_				1		L		Ш	$\perp$	4	
	100972	Polo shirt 7406 TPS			4	-	3				4	_			3		_		+		-					_	4				-	-	1		Н	_	$\dashv$	_
	100973	T-shirt 7407 TPS	-	Н	_	$\rightarrow$	3	0		_		+		3	3		+		+	+	+	-	_	_	_	$\dashv$	+			+	+	$\vdash$	_		Н	$\dashv$	$\dashv$	_
	101005 101006	Sweatshirt 7408 BPV Softshell Jacket 4840 SSL	$\vdash$		3	$\rightarrow$	-	-	$\rightarrow$	$\rightarrow$	3	+		-	3		+	+	+	+	3		3	3	3	$\dashv$	1		-		+	$\vdash$	⊢		Н	+	+	-
	101008	Shirt 7409 SPC	3	3	+	3	0	5	0	5	3	+	+	0	-	-	+		+	+	+	+	0	J	J	+	+	+	$\dashv$	+	+	$\vdash$	$\vdash$		Н	+	+	-
	101009	Sweatshirt 7410 BPV	+	-	3	3	3	3	3	3	3	+		3	3		+			+	3		3	3		$\dashv$	1			+	+	$\vdash$	$\vdash$		Н	$\dashv$	+	_
	101010	T-Shirt 7411 TP	3			3	3				$\top$									T	T			3							T		T		П	$\exists$	$\forall$	7
	110141	Winter Waistcoat 5304 TH	3	3		T	T			T	T	T					$\top$	T	Ť	Ť	T	T				$\exists$	T				T	T	T		П	T	T	
	110151	Sweatshirt 7446 BPV	3	3	3																3																	
	110259	Waistcoat 5305 TH	3	3																																$\Box$		
	111332	Polo shirt 7025 TPR			3	3	3	3	3					-	3								3										L		Ц	$\perp$		
	111333	T-shirt 7024 TPR	╙	Ш	3	3	3	3	3		_	_		$\rightarrow$	3		$\perp$			1	$\perp$		3			_	_			$\perp$	$\perp$		L		Ц	$\perp$	$\perp$	
É	100134	Sweatshirt 728 BPV	1		3	$\rightarrow$	$\rightarrow$	3	$\rightarrow$	3	$\rightarrow$	4		3	3		_	_	1	$\perp$	3			_		4	_				$\perp$	L	Ļ		Ш	$\perp$	$\downarrow$	
HIGH VISIBILITY	100369	WINDSTOPPER® Jacket 744 GWG				-	3		-	$\rightarrow$	3	4			_		_		-	3	$\perp$	-				4			_	_	$\perp$	_	_		Н	$\dashv$	4	_
GH V	100989	GORE-TEX® Parka 4834 GXB	╀	Н	4	3	3	4	4	3	3	+	4	$\dashv$	$\dashv$	_	_	+	-	3	+	-		_	_	$\dashv$	4	4	4	_	+	╀	⊢		$\vdash$	$\dashv$	$\dashv$	_
王	114041	Rain Jacket 4624 RS	+	$\vdash$		+	+	_	$\dashv$	$\dashv$	+	+	_		$\dashv$		+	+	+	3	+	3		_	-	$\dashv$	+	_	$\dashv$	+	+	$\vdash$	⊢		Н	$\dashv$	$\dashv$	4
	114040	Rain Coat 4634 RS Winter Jacket 444 PP	$\vdash$	Н	+	+	+		+	$\dashv$	+	3	-	$\dashv$	$\dashv$		+		+	-	+	3		-	-	$\dashv$	+	+	$\dashv$	+	+	$\vdash$	⊢		$\vdash$	$\dashv$	$\dashv$	_
	120987	GORE-TEX ® Jacket 4988 GXB	+	$\vdash$	$\dashv$	3	3	3	$\dashv$	3	3	-	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	+	+	3	+	+		$\dashv$	$\dashv$	3	$\dashv$	$\dashv$	+	+	+	$\vdash$	$\vdash$	Н	Н	+	+	-
	119621	Jacka 4026 PLU		Н		$\rightarrow$	-+	-	$\rightarrow$	$\rightarrow$	3	+		3	3		+		+	+	+		3				+	1	1		+		$\vdash$		H	$\dashv$	$\forall$	-
	119625	Vindtät fleecejacka 4041 FE	$\vdash$	П	7	$\rightarrow$	$\rightarrow$	-	$\rightarrow$	$\rightarrow$	3	$\top$		-	3		$\top$		Ť	$^{+}$	$^{+}$		3			$\forall$	$\forall$				$^{+}$	$\vdash$	H		П	$\top$	$\top$	-
	114087	Fleece Jacket 4400 FE	T			$\rightarrow$	-	3	$\rightarrow$	$\rightarrow$	3	$\top$		3	3				T	$\top$	$^{\dagger}$		3	3		$\forall$	1	T			T	T	T		П	$\top$	$\top$	
	119626	Airtech® Winter jacket 4035 GTT									T		3		3					T	T										T				П	T	$\top$	
	119628	Airtech® Parka 4036 GTT											3						T		Т										Т	Г	Г		П	П	Т	
	119623	Jacket 4129 PLU, women														3	3 3	3 3	3																			
	119624	Winter jacket 4131 PP, women	┖			4	$\perp$		4	_	$\perp$	3					_	1	1	$\perp$	$\perp$					$\perp$					$\perp$	L	L		Ш	$\perp$	_	
	119630	Winter jacket 4043 PP									$\rightarrow$	3					4		4		_						4				_		L		Ц	$\dashv$	4	
	119629	Parka 4042 PP	-	Н	_	4	4			_	$\perp$	3					_	_	+	$\perp$	$\perp$	-				4	4			_	$\perp$	-	L		Н	4	$\dashv$	_
_	100995	Airtech® Jacket 4153 MPVX	$\vdash$		4	$\dashv$	+		_	+	+	+			$\dashv$		_		+	+	+	+		_	_	$\dashv$	3		_	-	1	$\vdash$	⊢		$\vdash$	$\dashv$	$\dashv$	_
	100379	GORE-TEX® Jacket 4089 GXH	$\vdash$		+	+	+	+	_	+	+	+			$\dashv$		+	+	+	+	+	+		_	_	$\dashv$	+	3	3	3 3	3	3	₩	H	Н	+	+	-
	109423	Parka 4086 ATHR Sweatshirt 7076 SFLH	+	$\vdash$	+	+	+	+	+	+	+	+			$\dashv$	-	+	+	+	+	+	+		-	-	+	+	-	3	-	+	3	$\vdash$		$\vdash$	+	+	_
STAT	110642	Waistcoat 5075 ATHS		Н	1		1			-	+	1			$\dashv$		+	3	$^{\dagger}$	+	+					$\dashv$	1	J	$\rightarrow$	3	+	+	$\vdash$		Н	$\dashv$	+	-
FLAMESTAT	119922	Jacket 4175 ATHS	$\vdash$	$\Box$	1	+	+		1	+	+	+			$\dashv$		+		$\dagger$	+	+			_	_	$\dashv$	+	3	$\rightarrow$	3	+	3	$\vdash$		Н	+	+	-
F)	119923	Winter jacket 4185 ATHS	$^{+}$	Н		$\top$	$^{\dagger}$		$\dashv$	$\dashv$	$\dagger$	$\dagger$	7		$\dashv$		$\top$	$^{+}$	$\dagger$	$^{+}$	$^{+}$	T		$\neg$		$\forall$	$\rightarrow$	3	$\rightarrow$	3 3	$^{\dagger}$	3	H		Н	$\dashv$	$\dagger$	_
	122233	Fleecejacket 4063 ATF					T				T	T							T	T	T					1		3	3	3 3	T	3	T		П	$\top$	$\top$	
	120929	Jacket 4176 ATHS	T	П	1	$\top$		$\top$	1	$\dashv$	$\top$	$\top$	1				$\dagger$	$\top$	Ť	$\top$	T					$\dashv$	1	1	3	3	$\top$	$\top$	$\top$	П	$\sqcap$	$\top$	$\top$	
9_	101038	Rain Jacket 4845 RSHF																3															3			▔		
TECH	108081	Winter Jacket 4852 FWA				I		I			$\perp$	I						3	3	$\perp$							1							3	П	J	$\Box$	_
FLAMTECH®	108082	Parka 4853 FWA		Ц			1					4						3	3	1	1						4		4		1		L	3	Ш	$\perp$	$\downarrow$	_
Ш.	101050	Jacket 4846 FBPA																															L		3	3	3	3





# THE RIGHT CONDITIONS FOR A SAFE DAY AT WORK

At Fristads Kansas, we put the worker's safety first. By choosing our flame protection garments you can rest assured that you have the best protection according to European norms. So we can guarantee the high quality of Fristads Kansas, we also carry out our own tests – covering everything from durability, strength and resistance to abrasion to genuine usability and comfort for the wearer.

Our wide assortment makes it easy to find the flame protective workwear that fit your occupation and risk assessment while adding to your safety. We never compromise with the things that make you feel comfortable at work. You get the comfort, the durable materials and the functions you expect from Fristads Kansas.



### NORMS AND CERTIFICATIONS

Certified Personal Protective Clothing Systems following the Directive 89/686/EEC for Personal Protective Equipment (PPE). Read more about certifications and norms on page 142-147.



#### EN 61482

Electric arc "Box test"



### IEC 61482-2

Electric arc
"Box and open
arc test"



#### **EN ISO 11612**

Heat and flame.



#### EN ISO 11611

Welding and allied processes.



#### EN ISO 14116

Heat and flame, limited flame spread.



#### EN 1149

Electrostatic properties, design requirements



#### EN 13034

Liquid chemicals, limited protection



### EN ISO 20471

High visibility warning clothing.



EN 343

Rain



EN 342

Cold

ISO 15797

Industrial washing



Knee protection.

### FRISTADS KANSAS'S PROTECTIVE TECHNOLOGIES

To protect your skin, all our flame retardant garments feature textile technology that inhibit 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.

# INHERENT FLAME RETARDENT FABRICS

The flame protection in our Flamestat, aramid and underwear fabrics is already integrated in the fibres. Above supreme protection and comfort, this also allows you to enjoy full protection during the lifetime of your garment.

# FLAME RETARDENT TREATED FABRICS

The fabrics in our Flam and Flamtech® collections are flame retardent treated. The protection is bound to the fabric and is durable over time provided the garments are properly washed.

### PROTECTIVE CLOTHING SYSTEMS HIGH VISIBILITY

High visibility clothing with high visibility comply with the certification requirements in three different classes. For a High Visibility Protective Clothing system to comply with class 3, the total area of fluorescent material must be at least 0.8 m². Garments in class 1 or 2 can be combined to obtain class 3. All approved Protective Clothing System combinations will be specified on the CE-label in your Fristads Kansas garment, see table page 113.

# HOW MUCH PROTECTION DO YOU NEED? HAVE YOU DONE A RISK ANALYSIS?

We designed our state-of-the-art flame retardant collection to protect workers who are exposed to heat, flames, electric arc, chemicals and welding sparks. Perfectly combining highly protective and antistatic features with legendary Fristads Kansas comfort, these garments work as your personal protective shield Moreover, they are certified according to European norms. You will also find a wide range of garments certified according to high visibility standards.

We provide personal protective workwear solutions for almost all occupations, working conditions and – not least – for all your risk assessments.

### THREE-LAYER PROTECTIVE SYSTEM

Our three-layer technology with flame protection from inside and out, adds to both your protection and comfort in all seasons. A flame retardant jacket or trousers will protect against heat for a period. Simply by adding flame-retardant underwear, this period is doubled. This also applies for electric arc certified garments: wearing several layers will increase the amount of energy that the garment system can withstand (increased EBT/ATPV value).



# 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 gives heat insulation and additional protection. Select the thickness of the garments based on your working conditions.

LAYER 3
PROTECTIVE LAYER

The outer layer, third layer, is your protective shield that secures your need for protection as defined by the risk assessment.

### FLAMESTAT MULTINORM

Our updated high performance Flamestat Multinorm collection combines certified protection with superior comfort, flexibility and durability. The garments are certified according to several European norms to protect workers of many different professions and to meet most risk assessments. Made of inherently flame retardant fabrics, these antistatic garments can withstand a variety of hazards, including flames and electric arc, and provide basic protection from chemicals. In addition, most of the garments are also certified according to high visibility standards. All garments have inherent flame protection i.e. are not flame retardent treated.

The new collection is certified and tested according to both the European electric arc "box test" and the American "open arc test", which means the garments have an art rating stated in cal/cm<sup>2</sup> (ATPV or FBT)

All reinforcements on the Flamestat collection are made in a new flame retardant and antistatic CORDURA® quality. All garments are OEKO-TEX® certified.

- Inherent flame protection not flame retardent treated.
- · Greater comfort and freedom of movement.
- · CORDURA® reinforcements.
- Approved for 50 washes at 60°.
- OEKO-TEX® certified.

### ATHP FABRIC = ATH POWER

The material has inherent flame protection and it is made from modacrylic, cotton and anti-static fibres. The surface is dirt, oil and water repellent. It is a heavier fabric then our ATHS fabric, but still provides great comfort with a soft reverse closest to the body. Thicker material provides better protection against electric arcs and these garments can withstand energy equivalent to a full 16.8 cal/ cm<sup>2</sup> in this protective layer. This fabric provides excellent heat insulation and prevents second-degree burns, it is quick drying and has excellent moisture management properties. The fabric and the reflective tapes withstand all our high requirements. We recommend industrial washing at 60° for our ATHP garments. The protection lasts for at least 50 washes.

WEIGHT: 395 g/m<sup>2</sup> LOI:35% ATPV: 16.8 cal/cm<sup>2</sup> HAF: 84.2%











### 1 JACKET 4194 ATHP

### **ARTICLE NO** 119911

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 / Metal free garment /2-needle stitches on reflective tape / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 16.8 cal/cm<sup>2</sup> HAF: 84.2%, 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 $^{\odot}$  certified.

MATERIAL 54% modacrylic, 44% cotton, 2% anti-static fibre, dirt, oil and water-repellent. WEIGHT 395 g/m

COLOUR 540 Dark Navy SIZE XS-3XL























### 2 TROUSERS 2094 ATHP

### **ARTICLE NO** 111619

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 / Double reinforced crotch seam /  $2\ \mathrm{back}$  pockets one with flap / Leg pocket with flap and concealed snap fastening,  ${\tt phone \ pocket \ with \ flap \ and \ velcro \ fastening, D-ring \ and \ plastic \ ID-card \ holder \ /}$ 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 for height-adjustable knee pads / CORDURA® reinforced leg ends / Metalfree garment / Detachable id-card holder contains metal / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 16,8 cal/cm² HAF: 84,2%, EN ISO 11612 A1 A2 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 cl 1 / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 54% modacrylic, 44% cotton, 2% anti-static fibre, dirt, oil and water repellent. Reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre. **WEIGHT** 395 g/m<sup>2</sup> **COLOUR** 171 Hi-Vis Yellow/Navy. SIZE C44-C62, C146-C156, D84-D116









### ATHS FABRIC = ATH SUPREME

The ATHS fabric has inherently flame retardent fibres protection and is made from modacrylic, cotton, polyamide and anti-static fibres. The fabric's surface is dirt, oil and water repellent and the reverse side has a soft surface, providing a comfortable feeling next to the body. The ATHS fabric is lighter than its predecessor, the ATH fabric, which makes the garments more comfortable against the skin and allows for better freedom of movement. The fabric contains polyamide for stronger resistance to wear and tear. This fabric provides excellent heat insulation and prevents second-degree burns, it is quick drying and has excellent moisture management properties. The fabric and the reflective tapes withstand all our high requirements. We recommend industrial washing at 60° for our ATHS garments. The protection lasts for at least 50 washes.

WEIGHT: 300 g/m<sup>2</sup> LOI:35% EBT: 10.5 cal/cm<sup>2</sup> HAF: 81.4%

















### 1 JACKET 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 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 / Metal free garment / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10,5 cal/cm² HAF: 81,4%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 class 2 – sizes XS and class 3 - S - 3XL / Leasing laundry-tested according to ISO 15797 / OEKO-TEX®

MATERIAL 45% modacrylic, 35% cotton, 18% polyamide, 2% antistatic fibre. WEIGHT 300 g/m<sup>2</sup> COLOUR 171 Hi-Vis Yellow/Navy.











### 2 TROUSERS 2075 ATHS

### **ARTICLE NO** 109420

 $2\, \text{tuckable}, \text{CORDURA}^{\tiny{\textcircled{\tiny{0}}}} \text{ reinforced, loose-hanging front pockets, left pocket with extra}$ pocket and right pocket with 3 pockets and tool loops / 2 front pockets /D-ring at waistband / Double reinforced crotch seam / 2 CORDURA®-reinforced back pockets one with flap / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening, D-ring and plastic ID-card holder / 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 for height-adjustable knee pads / CORDURA® reinforced leg ends / Metalfree garment / Detachable id-card holder contains metal / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: EBT: 10,5 cal/cm2 HAF: 81,4% EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 cl 2 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

 $\label{eq:material} {\bf MATERIAL}~45\%~modacrylic, 35\%~cotton, 18\%~Polyester, 2\%~anti-static fibre.$  Reinforcement: 79% cotton FR, 20% polyamide, 1% anti-static fibre.  ${\bf WEIGHT}~300~{\rm g/m^2}.$ COLOUR 171 Hi-Vis Yellow/Navy. SIZE C44-C62, C146-C156, D84-D116









### PROTECTION SYSTEM

All functions for protective clothing in just the one system – for your safety, flexibility and comfort. All combinations of protective garments that are approved according to various certifications are specified on the CE label in your Fristads Kansas garment. For more information, see the table on page 113.





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 / 1 chest pocket with bellowed pocket bag, inside D-ring, pen strap and concealed snap fastening / 1 chest pocket with opening for radio-antenna at top / 1 pocket below chestpocket with zip fastening / 2 front pockets with concealed snap fastening / Inside pockets with button / Inside phone pocket with velcro fastening and loop for mobile phone earpiece / Adjustable waist and cuffs / Reflective tape around sleeves / Extended back / Metal free garment / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10,5 cal/cm2 HAF: 81,4%, 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 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 45% modacrylic, 35% cotton, 18% polyamide, 2% antistatic fibre. WEIGHT 300 g/m². COLOUR 171 Hi-Vis Yellow/Navy. SIZE XS-3XL.



















### **3 TROUSERS 2074 ATHS**

**ARTICLE NO** 109417

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 CORDURA®-reinforced back pockets one with flap / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening, D-ring and plastic ID-card holder / 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 for height-adjustable knee pads / CORDURA® reinforced leg ends / Metalfree garment / Detachable id-card holder contains metal / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10.5 cal/cm2 HAF: 81,4%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 cl 1 / 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 C44-C62, C146-C156, D84-D116.









### 1 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 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 / Metal free garment / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10.5 cal/cm<sup>2</sup> HAF: 81,4%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5 and EN 13034 Type PB [6] / 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 540 Dark Navy. SIZE XS-3XL.



































Article no 121355

Dirt, oil and water-repellent / 2 front pockets / D-ring at waistband / 2 reinforced back pockets with flaps / Leg pocket with flap and concealed snap fastening, mobile phone pocket with flap and velcro fastening, D-ring and plastic ID-card holder / Hammer loop / Reinforced folding rule pocket with tool pocket, button and loop for sheath knife / Preshaped knees / Reinforced knee pockets with inside opening for height-adjustable knee pads / Reinforced leg ends / Metalfree garment / Detachable id-card holder contains metal / 2-needle stitching on reflective tape / Adjustable leg length with 5 cm hem allowance / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10,5 cal/cm2 HAF: 81,4%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 cl 1 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 45% modacrylic, 35% cotton, 18% polyamide, 2%anti-static fibre. Reinforcement: 54% modacrylic, 44% cotton, 2% anti-static fibre. WEIGHT 300 g/m². COLOUR 171 Hi-Vis Yellow/Navv. SIZE C44-C62, D84-D116.



### 2 TROUSERS 2144 ATHS

Article no 121354

2 front pockets / D-ring at waistband / Double reinforced crotch seam / 2 back pockets with flap / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening, D-ring and plastic ID-card holder / Leg pocket with flap / Ruler pocket / Pre-shaped knees / Reinforced knee pockets with inside opening for height-adjustable knee pads / Metalfree garment / Detachable id-card holder contains metal / Adjustable leg length with 5 cm hem allowance / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10,5 cal/cm2 HAF: 81,4 %, EN ISO 11612 A1 B1 C1 F1, EN 1149-5 and EN 13034 Type PB [6] / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Reinforcement: 54% modacrylic, 44% cotton, 2% anti-static fibre. WEIGHT 300 g/m². COLOUR 540 Dark Navy SIZE C44-C62, D84-D116.



### 3 BIB 'N' BRACE 1075 ATHS

**ARTICLE NO** 109419

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 and plastic ID-card holder / 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 for height-adjustable knee pads / CORDURA®-reinforced leg ends / Metalfree garment / Detachable id-card holder contains metal / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10,5 cal/ cm2 HAF: 81,4%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 class 2 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. Reinforcement in 79% cotton FR, 20% polyamide, 1% antistatic fibre. WEIGHT 300 g/m² COLOUR 171 Hi-Vis Yellow/Navy. SIZE C44-C62.





















### 1 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/cm2 HAF: 78,0%, EN ISO 11612 A1 A2 B1 C1 F1, EN 1149-5 and fabric approved according to EN 13034 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 54% PPAN-FR. 44% cotton, 2% elastane, WEIGHT 240g/m<sup>2</sup>. COLOUR 540 Dark Navy. SIZE XS-3XL



















### **2 SHIRT 7200 ATSS**

### **ARTICLE NO 114095**

Concealed snap fastenings under front placket opening / 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:9,9cal/cm2 HAF:78,0%, EN ISO 11612 A1 A2 B1 C1 F1, EN ISO 11611 A1 A2 Class 1, EN 1149-5 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX®

MATERIAL 54% Modacrylic, 44% Cotton, 2% Antistatic fibre. WEIGHT 240 g/m². COLOUR 331 Red, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE XS-4XL.





















### **3 WAISTCOAT 5075 ATHS**

### **ARTICLE NO** 110642

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 / Metalfree garment Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10,5 cal/cm<sup>2</sup> HAF: 81,4%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5 all certifications together with Shirt 1,9425, EN ISO 20471 class 2 and fabric approved according to EN 13034 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre Reinforcement in 79% cotton FR, 20% polyamide, 1% antistatic fibre. WEIGHT 300 g/m². COLOUR 130 Hi-Vis Yellow. SIZE XS-2XL















### 4 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 penpocket, 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 / Metal free garment / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10,5 cal/cm<sup>2</sup> HAF: 81,4%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5 and EN 13034 Type PB [6] / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibre. WEIGHT 300 g/m<sup>2</sup> COLOUR 540 Dark Navy. SIZE XS-3XL



### **ANTI-FLAME WOMAN**

We are now introducing women's models of three selected anti-flame products. These garments for women are not stocked, instead they are made following ordering - MTO (Make to order).



### MTO - MAKE TO ORDER

We do not stock the product; instead, we make it to order. The order must be for at least 2 garments per colour and size. The delivery time is approx. 5 weeks.





















### 1 TROUSERS 2775 ATHS, WOMEN

### **ARTICLE NO** 122196

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 CORDURA®-reinforced back pockets one with flap / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening, D-ring and plastic ID-card holder / 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 for heightadjustable knee pads / CORDURA® reinforced leg ends / Metalfree garment / Detachable ID-card holder contains metal / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10,5 cal/cm² HAF: 81,4%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 class 2 / 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/Navv SIZE C34-C50

















### 2 TROUSERS 2776 ATHS, WOMEN

### **ARTICLE NO** 122197

Dirt, oil and water-repellent / 2 front pockets / D-ring at waistband / Double reinforced crotch seam / 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 and plastic ID-card holder / 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 for heightadjustable knee pads / CORDURA® reinforced leg ends / Metalfree garment / Detachable ID-card holder contains metal / 2-needle stitching on reflective tape / Adjustable leg length with 5 cm hem allowance / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10,5 cal/cm² HAF: 81,4%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 class 1 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX®

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.





### **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 / Metal free garment / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10,5 cal/cm<sup>2</sup> HAF: 81,4%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 class 2 - sizes XS - M and class 3 - L - 3XL / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified

MATERIAL 45% modacrylic, 35% cotton, 18% polyamide, 2% antistatic fibre. WEIGHT 300 g/m². COLOUR 171 Hi-Vis Yellow/Navy. SIZE XS-3XL



### KNITWEAR

Our Flamestat knitwear has inherent flame retardant fibres All garments (except T-shirts) withstands electric arc and flames and are also anti-static. The protection lasts for at least 25 washes.











### 1 FLEECEJACKET 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 / Metal free garment / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 6,9 cal/ cm² HAF: 86,8%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN ISO 20471 class 2 - size XS and class 3 - size S-3XL / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 50% modacrylic, 30% cotton, 18% polyester, 2% anti-static fiber. **WEIGHT** 370 g/m². **COLOUR** 171 Hi-Vis Yellow/Navy. SIZE XS-3XL.











### **3 SWEATSHIRT 7076 SFLH**

### **ARTICLE NO** 109428

Reflective detailing on shoulders / Elasticated band at neck, waist and cuffs / 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: 18,9cal/ cm² HAF: 90,4%, EN ISO 11612 A1 B1 C1, EN 1149-5 and EN ISO 20471 class 2 - size XS-S and class 3 size M-3XL / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 60% modacrylic, 37% cotton, 3% antistatic fibres. WEIGHT 400 g/m². COLOUR 171 Hi-Vis Yellow/Navy SIZE XS-3XL.















### **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 hem / Reflective tape on sleeves / Thumb grip / Metal free garment /Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 6,9 cal/cm² HAF: 86,8%, EN ISO 11612 A1 B1 C1 F1 and EN 1149-5 / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 50% modacryl, 30% cotton, 18% polyester, 2% anti-static fibre. WEIGHT 370g/m². COLOUR 540 Dark Navy. SIZE XS-3XL















### **5 T-SHIRT S/S 7073 TFLH**

### **ARTICLE NO** 110736

Reflective detail on shoulders / Rib-knitted band at 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% antistatic fibres. WEIGHT 230 g/m<sup>2</sup> COLOUR 540 Dark Navy.









### 4 T-SHIRT L/S 7072 TFLH

### **ARTICLE NO** 111842

IEC 61482 EN 11612 EN 1149

Reflective detailing on shoulders / Rib-knitted band at neck and cuffs / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 5,9cal/ cm<sup>2</sup> HAF: 78,9%, 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. WEIGHT 230 g/m² COLOUR 540 Dark Navv SIZE XS-3XL









### **KEEP THE COLD AWAY**

Our lined Flamestat garments are made from material with inherent flame retardent protection. Lined with fleece and soft, silky, quilted lining for extra great comfort. The protection lasts for at least 35 washes. The key to effective protection is to wear the right garments from the inside out. Wear flame retardant underwear closest to your body and you further increase the safety and comfort. See page 138.













































### 1 PARKA 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 / Metal free garment /Approved according to EN 61482-1-2 class 1, EN 61482-1-1 main fabric EBT: 9,9 cal/cm2 HAF: 78 %, EN ISO 11612 A1 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 Outer fabric 50% modacrylic, 41% cotton, 7% PU. 2% anti-static fibre 2-layer laminate. breathable, wind and waterproof. Taped seams. 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/m<sup>2</sup> COLOUR 171 Hi-Vis Yellow/Navy SIZE XS-3XI



### 2 WINTER JACKET 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 / 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 1, EN 61482-1-1 main fabric EBT: 10,5 cal/ cm<sup>2</sup> HAF: 81,4%, EN ISO 11612 A1 B1 C1 F1 EN 1149-5, EN 13034 Type PB [6], EN ISO 20471 class 2 - size XS and class 3 - size S-3XL and EN 342 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 45% modacrylic, 35% cotton, 18% polyamide, 2% anti-static fibers, dirt, oil and water repellent. Flee lining 50% modacryl, 30% cotton, 18% polyester, 2% ansti-static fibre. Silky quilted lining 40% modacrylic, 37% viscose FR, 22% viscose, 1% anti-static fiber WEIGHT Outer fabric 300 g/m², fleece lining 370 g/m², silky quilted lining 260 g/m². COLOUR 171 Hi-Vis Yellow/Navy.











**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 / Double reinforced crotch seam / 2 back pockets / CORDURA® reinforced folding rule pocket with tool pocket / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastener and D-ring with plastic ID-card holder / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / 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 / EN 61482-1-2 class 1, EN 61482-1-1 main fabric EBT: 10,5 cal/cm<sup>2</sup> HAF: 81,4%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6], EN ISO 20471 class 2 and EN 342 / 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. WEIGHT Outer fabric 300 g/m², silky quilted lining

COLOUR 171 Hi-Vis Yellow/Navy. SIZE XS-3XL























**ARTICLE NO** 100379

2-layer GORE-TEX®, wind and waterproof but breathable / Dirt oil and waterrepellent / Reflective detail on shoulders / Fully lined / Storm flap with zip to top of collar and concealed snap fastening / Detachable lined hood with adjustable strap and drawstring / Adjustable sleeves / Drawstring at bottom / 2 chest pockets with concealed zip / 2 front pockets with zip under reflective tape / Inside pocket with zip / Mobile phone pocket with zip and map pocket with zip including mobile phone pocket both with earpiece slot and loop reachable from outside / Zip in lining to make embroidery and transfer easier / Waterpillar > 10.000 mm / ePTFE membrane / Breathability RET < 7 / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 main fabric ATPV:29,6 cal/cm² HAF:92,2%, EN ISO 11612 A1 B2 C2, EN 1149-5, EN 13034 type PB [6], EN ISO 20471 class 3 and EN 343 class 3/3 / Leasing laundry-tested according to ISO 15797.

MATERIAL Outer material of 52% modacrylic, 42% cotton 6% polyester 2-layers anti-static GORE-TEX®-laminate wind and waterproof but breathable. Taped seams. Lining: 50% Nomex ® Aramid 50% Viscose FR. WEIGHT Outer fabric 275 g/m², lining 120 g/m². COLOUR 171 Hi-Vis Yellow/Navy























### **GORE-TEX® TROUSERS 2089 GXH**

**ARTICLE NO** 110706

2-layer GORE-TEX®, wind and waterproof but breathable / Dirt, oil and water repellent / Fully lined / Elastic detachable braces / Front pockets with velcro fastening / CORDURA® reinforced back pockets with flap and concealed snap fastening / Double reinforced crotch seam / 2 Leg pocket with flap and concealed snap fastening, one with phone pocket with flap and velcro fastener, D-ring and plastic ID-card holder and one with button and loop for sheath knife / Hammer loop / CORDURA® reinforced thigh panels in contrast colour / Preshaped knees / CORDURA® reinforced knee pockets with inside opening for heightadjustable knee pads / CORDURA®-reinforced leg ends / Concealed zip up to knees / Snow gaiters / Adjustable leg ends / Waterpillar > 10.000 mm / ePTFE membrane / Breathability RET < 7 / Approved according to EN 61482-1-2 class 2, EN 61482-1-1 main fabric ATPV:29,6 cal/cm² HAF: 92,2%, EN ISO 11612 A1 B2 C2, EN 1149-5, EN 13034 Type PB [6], EN ISO 20471 class 2 and EN 343 class 3/3 / Leasing laundry-tested according to ISO 15797.

MATERIALOuter material of 52% modacrylic, 42% cotton 6% polyester, 2 layers anti-static GORE-TEX® laminate, wind and waterproof, breathable. Taped seams. Reinforcement in 79% cotton FR, 20% polyamide, 1% antistatic fibre. Lining: 50% Nomex® Aramid 50% Viscose FR. WEIGHT Outer fabric 275 g/m², lining 120 g/m².

COLOUR 171 Hi-Vis Yellow/Navy.











### FABRIC GXH / GORE-TEX MATERIAL



THE GORE-TEX® MEMBRANE (ePTFE) has more than 1.4 billion pores per square centimetre. The membrane is completely waterproof from the outside, while allowing perspiration to evaporate from the inside.

GHX is a GORE-TEX® material in two layers, and it is wind and waterproof as well as breathable. Our GXH fabric has inherent flam retardent fibres and it is made from modacrylic, cotton, polyester and anti-static GORE-TEX® membrane (ePTFE). The surface is dirt, oil and water repellent. The difference between our GXH fabric and other inherent flame retardant fabrics is that GXH has an anti-static membrane instead of anti-static fibres in the weave. The secret of the GORE-TEX® material is the unique membrane with microscopic pores. The size of the pores prevents water droplets from penetrating while the water molecules, which are smaller, can pass out. This means your skin is kept dry, even during a full day working in the pelting rain. The GXH fabric can withstand a pressure equivalent to a 28,000 mm waterpillar in GORE's own tests. Our updated GXH fabric is lighter than its predecessor, which means the garments feel more comfortable to wear and enable greater freedom of movement. The fabric provides excellent heat insulation and prevents second-degree burns. Both the fabric and the reflective tapes meet all of our high requirements. The properties of the ePTFE GORE-TEX® membrane remain after at least 35 washed in industrial washing and the clothing retains all its original functions.

WEIGHT: 275 g/m<sup>2</sup>

EN 61482-1-2: class 2 (garment system)

LOI:35%

EN 13034: H<sub>2</sub>SO<sub>2</sub> (30%), NaOH (10%), Orthoxylene (diluted) and 1-Butanol (diluted)

## PROTECTIVE CLOTHING FOR WORKING WITH **MOLTEN IRON AND ALUMINIUM**

Jacket and trousers for working in foundries and working with molten iron and aluminium, certification requirements D3 and E3. Designed to withstand dirt in the best way and with visible details. Wearing tests have shown very good results for the material, which is among the leaders on the market.

Our advanced MFAT garments were previously only sold in Sweden but are now being introduced in the rest of Europe. All garments in the series will be updated with a new design during 2017.

2

### QUALITY MFAT

Our MFAT fabric is an inherent flame retardent fabric, which is designed to protect the wearer from splashes of molten metal in the foundry sector. The material's composition, 50% viscose FR, 30% wool, 18% polyamide, 2% anti-static fibre, combines viscose FR with nature's own natural anti-flame fibre, wool, which together have very good thermal insulation properties. The polyamide fibres with their strong properties provide further strength. MFAT 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.

















### 1 TROUSERS 2155 MFAT

**ARTICLE NO 111635** 

Waistband with belt loops and concealed metal button / Front pockets with side openings / Back pockets with flap and concealed metal snap fasteners / Leg pocket with flap and concealed metal snap fastening / Plain folding rule pocket with loose bottom / Pre-shaped knees /Knee pockets with inside opening for height adjustable knee pads / High visibility details at waist band and sides of knees / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 B1 C2 D3 E3 F1, EN ISO 11611 class 1 and EN 1149-5.

MATERIAL 50% viscose, 30% wool, 18% polyamide, 2% antistatic fibres. WEIGHT 365 g/m2. COLOUR 540 Dark Navy SIZE C44-C62, C146-C160, D84-D116.



















### 2 TROUSERS 2166 MFAT

**ARTICLE NO** 111634

Waistband with belt loops and concealed metal button / Front pockets with side openings / Back pockets with flap and concealed metal snap fastening / Leg pocket with flap and concealed metal snap fastening / Plain folding rule pocket with loose bottom / Pre-shaped knees / Knee pockets with inside opening for height adjustable knee pads / High visibility detailing at waist band and sides of knees / Extension at front leg ends to protect shoes / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 B1 C2 D3 E3 F1, EN ISO 11611 class 1 and EN 1149-5.

MATERIAL 50% viscose, 30% wool, 18% polyamide. 2% antistatic fibres. WEIGHT 365 g/m<sup>2</sup>. COLOUR 540 Dark Navy SIZE C44-C62, D88-D116.















### 3 JACKET 4966 MFAT

**ARTICLE NO 111632** 

High collar / Front placket opening with zip to top of collar and concealed metal snap fastening / Raglan sleeves / 2 chest pockets with flap and concealed snap fastening / 2 front pockets with flap, concealed snap fastening at lower edge / Inside pocket with mobile phone pocket and loop for mobile phone earpiece / Velcro-adjustable cuffs / Buttons to adjust waist / Extended back / High visibility detailing at shoulders and sides / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 B1 C2 D3 E3 F1, EN ISO 11611 class 1 and EN 1149-5.

MATERIAL 50% viscose, 30% wool, 18% polyamide. 2% antistatic fibres. WEIGHT 365 g/m<sup>2</sup>. COLOUR 540 Dark Navy SIZE 2XS-4XL.









### **FLAMTECH®**

Our FlamTech® collection consists of high visibility garments that have a broad protective function. The material is flame retardent treated and can withstand both the heat from an electric arc and the high temperature from molten iron. In addition, it is approved for welding.

Trousers in D sizes are make to order. 5 weeks delivery time. At least 2 garments per size.



### FLAMTECH' FABRIC

The FlamTech® (FBPA and FWA) flame retardant treated fabric is made of 64 % cotton, 34 % polyester and 1 % anti-static fibres. The high proportion of cotton makes the garments comfortable to wear. The lined garments have been treated to obtain a dirt, oil and water repellent surface. Both the fabrics and the reflective tapes meet all of our high requirements. We recommend industrial washing at 60° for all of our garments in FlamTech®. The protection lasts for at least 25 washes.

WEIGHT: 350 g/m2 LOI: 28%

















### 1 JACKET 4846 FBPA

### **ARTICLE NO** 101050

FlamTech® / Zip and buttons to top of collar / 2 chest pockets right with D-ring / 2 front pockets with concealed zip / Adjustable sleeves / Reflective tape over shoulder / Action back / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 13 cal/cm2 HAF:81%, EN ISO 11612 A1 A2 B1 C1 E2 F1, EN ISO 11611 A1 A2 class 1, EN 1149-5 and EN ISO 20471 class 2 size XS-M and class 3 size L-3XL / Leasing laundry-tested according to ISO 15797.

MATERIAL 65% cotton FR, 34% polyester, 1% antistatic fibres, FlamTech®. WEIGHT 350 g/m² COLOUR 171 Hi-Vis Yellow/Navy.





















### 2 TROUSERS 2042 FBPA

### **ARTICLE NO** 101046

FlamTech® / 2 front pockets / 2 back pockets with self-closing flaps / Leg pocket with self-closing flaps, phone pocket with flaps and velcro fastening and concealed ID-card holder / Folding rule pocket. Pre-shaped knees / Knee pockets with opening for height-adjustable knee pads / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 13 cal/cm2 HAF:81%, EN ISO 11612 A1 A2 B1 C1 E2 F1, EN ISO 11611 A1 A2 class 1, EN 1149-5 and EN ISO 20471 class 1 - size C44 and class 2 - size C46-C64 and C146-C156 / Leasing laundry-tested according to ISO 15797 / Sizes D84-D120 available as made to order solution.

MATERIAL 65% cotton FR, 34% polyester, 1% antistatic fibres, FlamTech®. WEIGHT 350 g/m². COLOUR 171 Hi-Vis Yellow/Navy.

SIZE C44-C64, C146-C156. Available as made to order solution: D84-D120.









### **3 TROUSERS 2051 FBPA**

### **ARTICLE NO** 108655

FlamTech® / 2 front pockets / 2 back pockets with self-closing flaps / Leg pocket with self-closing flaps, phone pocket with flaps and velcro fastening and concealed ID-card holder / Folding rule pocket Pre-shaped knees / Knee pockets with opening for height-adjustable knee pads / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 13 cal/cm2 HAF:81%, EN ISO 11612 A1 A2 B1 C1 E2 F1, EN ISO 11611 A1 A2 class 1, EN 1149-5 and EN ISO 20471 class 1 / Leasing laundry-tested according to ISO 15797 / Sizes D84-D120 available as made to order solution

MATERIAL 65% cotton FR, 34% polyester, 1% antistatic fibres, FlamTech®. WEIGHT 350 g/m². COLOUR 171 Hi-Vis Yellow/Navy.

SIZE C44-C64, C146-C156. Available as made to order solution: D84-D120.





















### 1 BIB'N'BRACE 1022 FBPA

**ARTICLE NO** 108652

FlamTech® / 2 front pockets / Back pocket with self-closing flap / Leg pocket with self-closing flap, phone pocket with flap and velcro fastening and concealed ID-card holder / Pre-shaped knees / Knee pockets with opening for height-adjustable knee pads / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 13 cal/cm2 HAF:81%, EN ISO 11612 A1 A2 B1 C1 E2 F1, EN ISO 11611 A1 A2 class 1, EN 1149-5 and EN ISO 20471 class 2 / Leasing laundry-tested according to ISO 15797.

MATERIAL 65% cotton FR, 34% polyester, 1% antistatic fibres, FlamTech®. WEIGHT 350 g/m². COLOUR 171 Hi-Vis Yellow/Navy. SIZE C44-C64, C146-C156.





















### 2 TROUSERS 2050 FBPA

**ARTICLE NO** 108653

FlamTech® / 2 front pockets / 2 loose-hanging front pockets, one with extra pocket and tool loops, one with 2 small pockets / 2 back pockets with self-closing flaps / Leg pocket with self-closing flaps, phone pocket with flaps and velcro fastening and concealed ID-card holder / Folding rule pocket / Pre-shaped knees / Knee pockets with opening for height-adjustable knee pads / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 13 cal/cm² HAF:81%, EN ISO 11612 A1 A2 B1 C1 F1, EN 1149-5 and EN ISO 20471 class 1 - size C44-C50 and C146-C150. Class 2 - size C52-C64 and C152-C156 / Leasing laundry-tested according to ISO 15797 / Sizes D84-D120 available as made to order solution.

MATERIAL 65% cotton FR, 34% polyester, 1% antistatic fibres, FlamTech®. WEIGHT 350 g/m².

COLOUR 171 Hi-Vis Yellow/Navy. SIZE C44-C64, C146-C156. Available as made to order solution: D84-D120.



















### 3 COVERALL 8626 FBPA

**ARTICLE NO** 108654

FlamTech® / Zip and buttons to top of collar / Adjustable sleeves / 2 chest pockets right with D-ring / 2 front pockets / 2 back pockets with self closing flaps / Leg pocket with self-closing flaps, phone pocket with flap and velcro fastening and concealed ID-card holder / Folding rule pocket / Reflective tape over shoulder / Action back / Drawstring at waist / Pre-shaped knees / Knee pockets with opening for height-adjustable knee pads / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 13 cal/cm² HAF:81%, EN ISO 11612 A1 A2 B1 C1 E2 F1, EN ISO 11611 A1 A2 class 1, EN 1149-5 and EN ISO 20471 class 3 / Leasing laundry-tested according to ISO 15797.

MATERIAL 65% cotton FR, 34% polyester, 1% antistatic fibres, FlamTech®. WEIGHT 350 g/m². COLOUR 171 Hi-Vis Yellow/Navy. SIZE Regular: S-3XL.



























### 1 WINTER TROUSERS 2049 FWA

### **ARTICLE NO** 108085

FlamTech® water-repellent / Fully lined / Detachable braces / Fly / Elasticated waistband / Belt loops / 2 front pockets / 2 back pockets with flaps / Folding rule pocket with ID-card holder / Pre-shaped knees / Knee pockets with opening for heightadjustable knee pads / Zip up to knee on outside leg / Adjustable leg ends / Inside snow gaiter / Approved according to EN 61482-1-2 class 1, EN ISO 11612 class A1 A2 B1 C1 E2 F1, EN ISO 11611 A1 A2 class 1, EN 1149-5, EN ISO 20471 class 1 size XS and class 2 size S - 3XL and EN 342 / Leasing laundry-tested according to ISO 15797.

MATERIAL 65% cotton FR, 34% polyester, 1% antistatic fibres, FlamTech® water-repellent / Quilted lining: 50% cotton FR, 50% polyester FR.

WEIGHT Outer fabric 300 g/m², lining 315 g/m².

COLOUR 171 Hi-Vis Yellow/Navy

SIZE XS-3XL















2 WINTER JACKET 4852 FWA

### **ARTICLE NO** 108081

FlamTech ® water-repellent / Fully lined / Zip and buttons to top of collar / Concealed stud fasteners in collar for detachable hood 108083 / 2 chest pockets right with D-ring / 2 front pockets with concealed zip/ Reflective tape over shoulders / Drawstring waist/elasticated cuffs / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 A2 B1 C1 E2 F1, EN 11611 A1 A2 class 1, EN 1149-5, EN ISO 20471 class 2 size XS and class 3 size S-3XL and EN 342 / Leasing laundrytested according to ISO 15797.

MATERIAL Outer fabric 65% cotton FR, 34% polyester, 1% antistatic fibres, FlamTech® water-repellent. Quilted lining 50% cotton FR, 50% polyester FR.

WEIGHT Outer fabric 300 g/m², lining 315 g/m². COLOUR 171 Hi-Vis Yellow/Navy.

SIZE XS-3XL.























### **ARTICLE NO** 108082

FlamTech® water-repellent / Fully lined / Zip and buttons to top of collar / Concealed snap fasteners in collar for detachable hood 108083 / 2 chest pockets right with D-ring / 2 front pockets with concealed snap fastening / Reflective tape over shoulders / Drawstring waist / Elasticated cuffs / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 A2 B1 C1 E2 F1, EN 11611 A1 A2 class 1, EN 1149-5, EN ISO 20471 class 3 and EN 342 / Leasing laundry-tested according

 $\label{eq:material} \begin{tabular}{ll} \textbf{MATERIAL} Outer fabric 65\% cotton FR, 34\% polyester, 1\% antistatic fibres, FlamTech® water-repellent. Quilted lining 50% cotton FR, 50% polyester FR. \\ \textbf{WEIGHT} Outer fabric 300 g/m², lining 315 g/m². \\ \end{tabular}$ 

COLOUR 171 Hi-Vis Yellow/Navy. SIZE XS-3XL.













## 4 WINTER COVERALL 8625 FWA

### **ARTICLE NO** 108084

FlamTech® water-repellent / Fully lined / Two-way zip and buttons to top of collar / Concealed snap fasteners in collar for detachable hood 108083 / 2 chest pockets right with D-ring / 2 front pockets / 2 back pockets with flap/reflective tape over shoulders / Adjustable elasticated waist / Elasticated cuffs / Folding rule pocket with ID-card holder / Pre-shaped knees / Knee pockets with opening for height-adjustable knee pads /Zip up to knee on outside leg / Adjustable leg ends / Inside snow gaiter / Approved according to EN 61482-1-2 class 1, EN ISO 11612 class A1 A2 B1 C1 E2 F1, EN ISO 11611 A1 A2 class 1, EN 1149-5, EN ISO 20471 class 3 and EN 342 / Leasing laundry-tested according to ISO 15797.

MATERIAL Outer fabric 65% cotton FR, 34% polyester, 1% antistatic fibres, FlamTech® water-repellent. Quilted lining 50% cotton FR, 50% polyester FR. WEIGHT Outer fabric 300 g/m², lining 315 g/m².

COLOUR 171 Hi-Vis Yellow/Navv.

SIZE Regular: XS-3XL.

























### 1 WINTER HOOD 9390 FWA

### **ARTICLE NO** 108083

FlamTech® dirt oil and water-repellent / Lined hood for use with winter garments 108081, 108082 and 18084 / Drawstring / Snap fasteners at front / Snap fasteners to attach relevant garments / Certification only valid when worn together with winter garments 108081, 108082 and 18084

 $\label{eq:material} \begin{tabular}{ll} \textbf{MATERIAL} Outer fabric 65\% cotton FR, 34\% polyester, 1\% antistatic fibres, FlamTech® water-repellent. Quilted lining 50% cotton FR, 50% polyester FR. \\ \begin{tabular}{ll} \textbf{WEIGHT} Outer fabric 300 g/m², lining 250 g/m². \\ \end{tabular}$ 

COLOUR 130 Hi-Vis Yellow. SIZE XS-3XL.











### 2 RAIN JACKET 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, EN 1149-5, EN ISO 20471 class 3 and EN 343 class 3/1.

MATERIAL 100% polyester FR PU-coated. WEIGHT 170 g/m<sup>2</sup>. COLOUR 130 Hi-Vis Yellow. SIZE XS-3XL.







### **3 WAISTCOAT 5303 FSH**

### **ARTICLE NO** 101059

Front zip / Reflective tape over shoulder / Worn over EN ISO 11612 garments / Approved according to EN ISO 14116 Index 1, EN 471 class 2 size XS-2XL and class 3 size 3XL.

MATERIAL 100% Polyester FR. WEIGHT 125 g/m². COLOUR 130 Hi-Vis Yellow. SIZE XS-3XL.









### **4 RAIN TROUSERS 2047 RSHF**

### **ARTICLE NO** 101056

Adjustable waist / Adjustable legs / Adjustable elasticated braces / Worn over EN ISO 11612 garments / Approved according to EN ISO 14116, EN 1149-5, EN ISO 20471 class 2 and EN 343 class 3/1.

 $\label{eq:material} \textbf{MATERIAL}~100\%~polyester~FR~PU-coated.~\textbf{WEIGHT}~170~g/m^2.\\ \textbf{COLOUR}~130~\text{Hi-Vis}~\text{Yellow}.$ SIZE XS-3XL.



# ICON WELDING

Our new collection is designed to provide the optimum protection and comfort when welding. The garments are also excellent for workers in the foundry, maintenance and mining industries who are exposed to flames and molten iron. The combination of the highest welding class - EN ISO 11611 class 2 A1 A2 - and the highest protection against molten iron - EN ISO 11612 E3, make Icon Welding a unique collection. The garments are made from an flame retardent treated cotton that provides complete protection, high comfort and meets all of our strict requirements. We recommend 75° industrial washing (domestic wash 60°) and the protect remains after 25 washes. All products are OEKO-TEX® certified. The garments match in design and fit our Icon industrial concept.

- · Unique on the market
- · Highest welding class
- Highest protection against molten iron - F3
- Flame retardent treated cotton
- Tested for industrial washing
- OEKO-TEX® certified.











### 1 JACKET 4550 FLW

### **ARTICLE NO** 117323

Front placket opening with zip to top of collar and concealed snap fastening / 2 chest pockets with flaps, inside d-ring / Inside pocket with zipper and mobile pocket with velcro fastening / 2 front pockets with flap and concealed snap fastening Adjustable cuffs with concealed snap fastening Adjustable waist with buttons / Approved according to EN 61482-1-1 ATPV: 22 cal/m2 HAF: 87% EN ISO 11612 A1 A2 B1 C1 E3 F1 and EN ISO 11611 class 2 A1 A2 / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 100% cotton FR. WEIGHT 430 g/m². COLOUR 540 Dark Navy, 896 Grey/Black. SIZE XS-4XL.

















### 2 TROUSERS 2550 FLW

### **ARTICLE NO** 117321

2 front pockets / 2 back pockets with flaps / Bellowed leg pocket with flap and press button fastening / Inside pocket with zipper in leg pocket / Mobile phone pocket / D-ring inside legpocket / Ruler pocket with flap, knifeholder and penpocket / Knee pockets with outside opening for heightadjustable knee pads / Hammer loop / Front zippers to attach nail pockets (if used EN ISO 11611 class 2 A1 A2 is not valid) / Adjustable leg length with 5 cm hem allowance / Approved according to EN 61482-1-1 ATPV: 22 cal/m2 HAF: 87%, EN ISO 11612 A1 A2 B1 C1 E3 F1 and EN ISO 11611 class 2 A1 A2 / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 100% cotton ER WEIGHT 430 g/m<sup>2</sup> COLOUR 540 Dark Navy, 941 Dark Grey. SIZE C44-C66, D84-D120.











### **3 NAIL POCKETS 2551 FLW**

### **ARTICLE NO** 117327

Tool straps / Bellowed pocket bags / Zippers for attachement on article 117321, 117324 / If nailpockets are attached EN ISO 11611 class 2 A1 A2 is not valid / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 100% cotton FR. WEIGHT 430 g/m COLOUR COLOUR 540 Dark Navy, 941 Dark Grey.





















### 1 COVERALL 8050 FLW

**ARTICLE NO** 117326

Front placket opening with 2-way zip to top of collar and concealed snap fastening / 2 chest pockets with flaps, inside d-ring / Inside pocket with zipper and mobile pocket with velcro fastening / Adjustable cuffs with concealed snap fastening / Adjustable waist with concealed snap fastening / 2 front pockets with inside access to garments underneath / 2 back pockets with flaps / Bellowed leg pocket with flap and press button fastening / Inside pocket with zipper in leg pocket / Mobile phone pocket / D-ring inside legpocket / Ruler pocket with flap, knifeholder and penpocket / Knee pockets with outside opening for heightadjustable knee pads / Hammer loop / Approved according to EN 61482-1-1 ATPV: 22 cal/m², HAF: 87%, EN ISO 11612 A1 A2 B1 C1 E3 F1 and EN ISO 11611 class 2 A1 A2 / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 100% cotton FR. WEIGHT 430 g/m<sup>2</sup>. COLOUR 540 Dark Navy, 896 Grey/Black SIZE XS-3XL.





### **3 APRON 9330 LTHR**

**ARTICLE NO** 100867

With bib / Nylon waist and neck straps / Length 87 cm, waist width 56 cm. MATERIAL 100% Split leather.

COLOUR 240 Brown. SIZE One size.







### 2 BIB'N'BRACE 1550 FLW

**ARTICLE NO** 117324

Placket front opening with two-way, full-length front zip and concealed snap fastening and chest pockets with flaps / 2 front pockets / 2 back pockets with flaps / Bellowed leg pocket with flap and press button fastening / Inside pocket with zipper in leg pocket / Mobile phone pocket / D-ring inside legpocket / Ruler pocket with flap, knifeholder and penpocket / Knee pockets with outside opening for height-adjustable knee pads / Hammer loop / Front zippers to attach nailpockets (if used EN ISO 11611 class 2 A1 A2 is not valid) / Adjustable leg length with 5 cm hem allowance / Approved according to EN 61482-1-1 ATPV: 22 cal/m HAF: 87%, EN ISO 11612 A1 A2 B1 C1 E3 F1 and EN ISO 11611 class 2 A1 A2 / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 100% cotton FR. WEIGHT 430 g/m<sup>2</sup>. COLOUR 540 Dark Navy, 896 Grey/Black SIZE C44-C66, D84-D120.







### **4 APRON 9331 LTHR**

**ARTICLE NO** 100868

Long, heavy duty apron / Nylon waist and neck straps / Length 116 cm and waist width 56 cm.

MATERIAL 100% Heavy duty split leather.

COLOUR 240 Brown. SIZE One size.

### **FLAM**

A comfortable collection in durable, flame retardent treated material that is also electric arc tested. Several of the garments are approved for welding. The lined jackets have a dirt, oil and water repellent surface.



### **FLAM FABRIC**

Our FLAM collection is made from a durable material in 75% cotton and 25% polyester. The high proportion of cotton provides easy comfort next to the body. The material is flame retardent treated and withstands the heat from an electric arc. The protection lasts for at least 50 washes.

WEIGHT: 340 g/m<sup>2</sup> LOI: 28%













### 1 WAISTCOAT 5030 FLAM

### **ARTICLE NO** 100336

Front placket opening with 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 / Napoleon pocket under right chest pocket / Inside pocket with zip reachable from outside / Concealed button and loop for sheath knife / 2 front pockets / Inside phone pocket with velcro fastening and loop for earpiece / 2 reinforced loose-hanging front pockets, left pocket with extra pocket and right pocket with 3 pockets and tool loops / 2 reinforced loose-hanging back pockets, both with extra tool pocket / Belt loops / 2 hammer loops / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 B1 C1 all certification together with shirt 100348 and 114095 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 75% cotton FR, 25% polyester. WEIGHT 365 g/m<sup>2</sup>. COLOUR 540 Dark Navy. SIZE XS-2XL.















### **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, EN ISO 11612 A1 B1 C1 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 75% cotton FR, 25% polyester. WEIGHT 365 g/m<sup>2</sup>. COLOUR 540 Dark Navy. SIZE XS-2XI

















### **3 TROUSERS 2030 FLAM**

### **ARTICLE NO** 100329

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 and concealed snap fastening, phone pocket with flap and velcro fastening / Hammer loop / Reinforced folding rule pocket with tool pocket, concealed button and loop for sheath knife / Pre-shaped knees / Knee pockets with inside opening for height-adjustable knee pads / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 B1 C1 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 75% cotton FR, 25% polyester. WEIGHT 365 g/m<sup>2</sup>. COLOUR 540 Dark Navy. SIZE C44-C62, C146-C156, D92-D116.













### 2 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 / Hammer loop / Reinforced folding rule pocket with tool pocket, concealed button and loop for sheath knife / Pre-shaped knees / Knee pockets with inside opening for height-adjustable knee pads / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 B1 C1 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 75% cotton FR, 25% polyester. WEIGHT 365 g/m<sup>2</sup>. COLOUR 540 Dark Navy. SIZE C46-C62.











## FLAM WELDING

Specially designed to provide the optimum protection and comfort for welders. Lined garments on the next page. Protective aprons on page 133.













### 1 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 ISO 11612 A1 B1 C1 and EN ISO 11611 A1 class 1 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified

MATERIAL 75% cotton FR, 25% polyester. WEIGHT 340 g/m<sup>2</sup>. COLOUR 540 Dark Navv SIZE XS-2XI

















### 2 TROUSERS 2031 FLAM

**ARTICLE NO** 100330

2 front pockets / 2 reinforced back pockets with flaps and concealed snap fastening / Leg pocket with flap and concealed snap fastening / Reinforced folding rule pocket with tool pocket / Pre-shaped knees / Knee pockets with inside opening for height-adjustable knee pads / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 B1 C1 and EN ISO 11611 A1 class 1 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 75% cotton FR, 25% polyester. WEIGHT 365 g/m<sup>2</sup> COLOUR 540 Dark Navy. SIZE C44-C62, C146-C156, D92-D116.

















### 3 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 / 2 front pockets / Covered side opening to inside / Adjustable cuffs with Velcro fastener / Adjustable waist / 2 reinforced back pockets with flap and concealed snap fastening / Leg pocket with flap and and concealed snap fastening / Reinforced folding rule pocket with tool pocket / Pre-shaped knees / Knee pockets with inside opening for height-adjustable knee pads / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 B1 C1, EN ISO 11611 A1 class 1 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 75% cotton FR, 25% polyester. WEIGHT 365 g/m<sup>2</sup>. COLOUR 540 Dark Navy. SIZE Regular: S-2XL.















### **4 SHIRT 7200 ATSS**

**ARTICLE NO** 114095

Concealed snap fastenings under front placket opening / 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:9,9cal/cm<sup>2</sup> HAF:78,0%, EN ISO 11612 A1 A2 B1 C1 F1, EN ISO 11611 A1 A2 Class 1, EN 1149-5 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX®

MATERIAL 54% Modacrylic, 44% Cotton, 2% Antistatic fibre. WEIGHT 240 g/m².
COLOUR 331 Red, 540 Dark Navy, 940 Black, 941 Dark Grey.

SIZE XS-4XL.



















### 1 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 1, EN ISO 11612 A1 B1 C1 and EN ISO 11611 A1 class 1 / OEKO-TEX® certified.

MATERIAL 75 % cotton FR, 25% polyester dirt oil and water-repellent. Quilted lining: 50% cotton FR, 50% polyester FR.

WEIGHT Outer fabric 320 g/m², lining 315 g/m². COLOUR 540 Dark Navy SIZE S-2XL.

















### 2 SWEATSHIRT 984 SFLA

**ARTICLE NO** 100581

Elasticated band at neck, wrists and hem / Chest pocket / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 B1 C1 and EN 1149-5.

MATERIAL 60% modacrylic, 38% cotton, 2% antistatic fibers. WEIGHT 390 g/m² COLOUR 540 Dark Navy. SIZE XS-3XL.























**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 1, EN ISO 11612 A1 B1 C1 and EN ISO 11611 A1 class 1 / OEKO-TEX® certified.

MATERIAL 75 % cotton FR, 25% polyester dirt oil and water-repellent. Quilted lining: 50% cotton FR, 50% polyester FR.

WEIGHT Outer fabric 320 g/m², lining 315 g/m². COLOUR 540 Dark Navv.

















### 4 POLO SHIRT 784 PFLA

**ARTICLE NO** 100472

Short front panel / Chest pocket / Long-sleeved / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 B1 C1 and EN 1149-5.

MATERIAL 60% modacrylic, 38% cotton, 2% antistatic fibers. WEIGHT 255 g/m². COLOUR 540 Dark Navy. SIZE XS-3XL.













### **5 SHIRT 7207 FRS**

**ARTICLE NO** 122194

Concealed snap fastenings under front placket / 2 chest pockets with flap and concealed snap fastening, 1 with pen pocket / Cuffs with concealed snap fastenings / Extended back / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 ATPV: 7,6 cal/cm² HAF: 70%, EN ISO 111612 A1 A2 B1 C1 E1 / OEKO-TEX® certified.

MATERIAL 100% cotton FR. WEIGHT 230 g/m<sup>2</sup>. COLOUR 540 Dark Navv.













### NOMEX' COMFORT FABRIC

Nomex® Comfort is inherent flame retardent consisting of dope dyed meta-amide and paraarmides and anti-static fibres. When exposed to intense heat, the fabric carbonizes and thickens, forming a virtually impenetrable barrier. Durability tests conducted by DuPont show non-existent deterioration of the fabric strength - even after 200 washes.

WEIGHT: 260 g/m<sup>2</sup> LOI:30%

EN 13034: H<sub>2</sub>SO<sub>4</sub> (30%), naOH (10%), Orthoxylene (undiluted) and 1-Butanol (undiluted)











### 1 JACKET 4821 NX

**ARTICLE NO** 100929

Front placket opening with zip to top of collar and concealed snap fastening / 2 chest pockets with flaps and concealed snap fastening / Sleeve pocket with flap and concealed snap fastening / Inside pocket and mobile pocket with velcro fastening / 2 front pockets with self-closing flap / Adjustable waist and cuffs / Approved according to EN 1149-5, EN 13034 type PB [6] and EN 531 A B1 C1.

MATERIAL Nomex® Comfort, dope dyed. 93% meta-aramid, 5% para- aramid, 2% antistatic fibre. WEIGHT 260 g/m² COLOUR 676 Royal Blue/Navy.













### 2 SHIRT 7401 NXL

**ARTICLE NO** 100921

Plastic buttons / 2 chest pockets with flaps / Approved according to EN ISO 11612 class A1, B1 and C1.

MATERIAL Nomex®. 95% meta-aramid, 5% para-aramid. WEIGHT 180 g/m². COLOUR 530 Royal Blue.

SIZE 37/38-47/48, 49 and 50 (neck measurement).















### 3 BIB'N'BRACE 1012 NX

**ARTICLE NO** 100931

Elasticated braces / Chest pocket with flap and concealed snap fastening and 2 pen pockets / Adjustable waist with buttons / Fly with concealed zip / 2 front pockets with self-closing flaps / 2 back pockets with self-closing flaps / Leg pocket with flap and concealed snap fastening and 2 pen pockets and mobile pocket with velcro fastening / Folding rule pocket / Approved according to EN 1149-5, EN 13034 type PB [6] and EN 531 A B1 C1 / Size table B.

MATERIAL Nomex® Comfort, dope dyed. 93% meta-aramid, 5% para- aramid, 2% antistatic fibre. WEIGHT 260 g/m2 COLOUR 676 Royal Blue/Navy SIZE 74-140.













### 4 TROUSERS 2024 NX

**ARTICLE NO** 100930

2 front pockets with self-closing flaps / 2 back pockets with self-closing flaps / Leg pocket with flap and concealed snap fastening and 2 pen pockets and mobile pocket with velcro fastening / Folding rule pocket / Approved according to EN 1149-5, EN 13034 type PB [6] and EN 531 A B1 C1 / Size table B.

MATERIAL Nomex® Comfort, doped dyed. 93% meta-aramid, 5% para-aramid, 2% antistatic fibre WFIGHT 260 g/m<sup>2</sup> COLOUR 676 Royal Blue/Navy. SIZE 74-140.









## **DOUBLE THE SAFETY -DRESS LAYER ON LAYER**

Flame retardancy prevents flames from spreading. However, heat can spread through the garment causing the skin to burn. If you wear flame retardant trousers, they will protect against heat for a certain period. The period of time during which you are protected is doubled if you also wear flame retardant underwear. If you work in a cold environment and wear lined flame-retardant garments together with flame-retardant underwear, you are protected for even longer. The same applied to electric arc certified garments - wearing flame retardant underwear or several layers will increase protection, i.e. increase the EBT/ATPV value and the amount of energy that the garment system can withstand.

3















### 1 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) and EN 1149-5.

MATERIAL 58% modacrylic . 37% cotton. 3% elastane and 2% beltron. WEIGHT 240 g/m². COLOUR 940 Black SIZE One size.











### **2 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) and EN 1149-5.

MATERIAL 58% modacrylic, 37% cotton, 3% elastane and 2% beltron. WEIGHT 240 g/m2. COLOUR 940 Black SIZE One size.

















### 3 SPIRIT LONG JOHNS 7432 UL, WOMEN

**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% mering wool WEIGHT 230 g/m² COLOUR 940 Black SIZE XS-XL













### **4 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) and EN 1149-5.

MATERIAL 58% Modacryl, 37% Cotton, 3% Elastan and 2% Beltron. WEIGHT 240 g/m². COLOUR 940 Black.











### 5 BRA 7036 MOF

**ARTICLE NO** 121643

Racer back / Dubble 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) and EN 1149-5.

MATERIAL 58% modacrylic, 37% cotton, 3% elastane and 2% beltron. WEIGHT 240 g/m<sup>2</sup>. COLOUR 940 Black SIZE S-2XL









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### 1 T-SHIRT L/S 7026 MOF

**ARTICLE NO** 121639

Round neck / Long-sleeved / Approved according to EN ISO 11612 A1 B1 C1 and EN1149-5.

MATERIAL 58% modacrylic, 37% cotton, 3% elastane and 2% beltron. WEIGHT 240 g/m². COLOUR 940 Black SIZE XS-4XI











### 2 LONG JOHNS 7027 MOF

**ARTICLE NO** 121641

Elastic waist / Approved according to EN ISO 11612 A1 B1 C1 and EN1149-5.  $\textbf{MATERIAL}~58\%~modacrylic~, 37\%~cotton, 3\%~elastane~and~2\%~beltron.~\textbf{WEIGHT}~240~g/m^2.$ COLOUR 940 Black. SIZE XS-4XL.









### MOF FABRIC

Fristads Kansas MOF fabric is a blend of soft inherent modacrylic with top-class cotton and elastane in a flexible, single jersey quality.

MOF is pre-shrunk and withstands machine washing. The modacrylic fibre has an inherent flame retardent protection that cannot be washed out and this, combined with cotton, provides a stable and strong product with good thermal insulation properties.









### **3 T-SHIRT HALFZIP 7029 MOF**

**ARTICLE NO** 121640

High collar with short zip / Long-sleeved / Approved according to EN ISO 11612 A1  $\,$ B1 C1 and EN1149-5.

 $\textbf{MATERIAL}~58\%~modacrylic~, 37\%~cotton, 3\%~elastane~and~2\%~beltron.~\textbf{WEIGHT}~240~g/m^2.$ COLOUR 940 Black SIZE XS-4XI .









### **4 BOXERS 7031 MOF**

**ARTICLE NO** 121642

Elastic at waist / Slim fit / Approved according to EN ISO 14116 Index 3 (fabric is approved according to EN ISO 11612 A1 B1 C1) and EN 1149-5.

 $\textbf{MATERIAL}~58\%~\text{modacrylic}~, 37\%~\text{cotton}, 3\%~\text{elastane}~\text{and}~2\%~\text{beltron}.~\textbf{WEIGHT}~240~\text{g/m}^2.$ COLOUR 940 Black









## **UNDERWEAR DEVOLD® PROTECTION**

Our underwear in the Devold® collections has been tested and approved according to the latest European norms and is made from the finest wool and flame retardant fibres.

All garments can withstand heat, flames and electric arcs.





### DEVOLD' SAFE

Protection against heat/flame, electric arc and antistatic. Safe is the most elastic material in the Devold® collection. A ribbed knitted material with viscose, Merino wool, anti-static fibres and durable polyamide.

Use as inner layer (layer 1) next to your body and, ideally, combine with Devold® Thermal as insulation layer (layer 2).

WEIGHT: 230 g/m<sup>2</sup> LOI:30-32%















**ARTICLE NO** 109842

Very elastic / Lightweight / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 A2 B1 C1 and EN 1149-5.

MATERIAL 49% Lenzing FR®, 39% merino wool, 10% polyamide, 2% antistatic fibres. WEIGHT 230 g/m<sup>2</sup> COLOUR 940 Black













### 2 SAFE T-SHIRT L/S 7436 UD

**ARTICLE NO** 109848

Very elastic / Lightweight / Approved according to EN 61482-1-2 class 1, EN ISO 11612 A1 A2 B1 C1 and EN 1149-5.

MATERIAL 49% Lenzing FR®, 39% merino wool, 10% polyamide, 2% antistatic fibres. WEIGHT 230 g/m<sup>2</sup> COLOUR 940 Black

















### **3 SAFE LONG JOHNS 7437 UD**

**ARTICLE NO** 109849

EN ISO 11612 A1 A2 B1 C1 and EN 1149-5.

MATERIAL 49% Lenzing FR®, 39% merino wool, 10% polyamide, 2% antistatic fibres. WEIGHT 230 g/m<sup>2</sup> COLOUR 940 Black. SIZE S-2XL.

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### 1 THERMAL 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%, EN ISO 11612 A1 B1 C2 and EN 1149-5.

MATERIAL 57% modacryl, 38% cotton, 5% elastan. WEIGHT 400 g/m². COLOUR 940 Black. SIZE S-3XI





### 2 THERMAL LONG JOHNS 7045 MFR

### **ARTICLE NO** 121650

Elasticated waist / Brushed inside / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 5,1 cal/m² HAF:80%, EN ISO 11612 A1 B1 C2 and EN 1149-5.

MATERIAL 57% modacryl, 36% cotton, 5% elastan, 2% Beltron. WEIGHT 400 g/m². COLOUR 940 Black. SIZE S-3XL.



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### MRF FABRIC

Fristads Kansas MFR fabric is a flexible, thermally insulating, fleece with smooth outside and soft, brushed reverse. The MFR fabric is pre-shrunk and withstands machine washing. The composition of the MFR fabric is modacrylic, with inherent flame retardent properties, mixed with top-class cotton and elastane, which provides permanent flame protection as layer two combined with good thermal insulation properties.



### **3 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% antistatic fibres. WEIGHT 230 g/m². COLOUR 940 Black.





### 4 BELT 9999 FR

### **ARTICLE NO** 117320

Flame retardent / Webbing / Buckle of polyamide 6.6 with Fristads Kansas logo engraved / Adjustable length / Length 130 cm / Width 38 mm / Approved according to EN ISO 11612 / Leasing laundry-tested according to ISO 15797.

MATERIAL 23% modacrylic, 19% cotton, 58% polyester. Buckle of polyamide 6.6. WEIGHT 230 g/m². COLOUR 940 Black. SIZE One size.





### 16 EN 1149

### 5 SOCKS 980 SFA

### **ARTICLE NO** 100580

Approved to EN ISO 14116 and EN 1149-5.

MATERIAL 40% modacrylic, 27% cotton, 20% polyamide, 6% elastane, 7% antistatic fibres. WEIGHT 230 g/m².
COLOUR 540 Dark Navy.
SIZE S(37/39), M(40/42), L(43/45), XL(46/48).



# FLAME PROTECTION TEXTS





### IEC 61482-2:2009

Certified and approved garments appropriate for use in work environments where there is a risk of electric arcs.

When there is a risk of being exposed to an electric arc, for example, when servicing equipment in non-arc-safe distribution plants or electrical switchboards, or when working on high voltage equipment, personnel are recommended to wear arc-approved protective clothing.

## What protection does your clothing need to provide during an arc blast?

The plasma clouds, flames, radiation and metal splashes from the electrodes hit the fabric during an arc blast. When this occurs, the fabric has to provide sufficient insulation to prevent second-degree skin burns. An effective fabric used in an arc garment must provide shielding against the flame and metal splashes, as well as insulation from the 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 test methods or one of them.

The garments must cover the whole body. For example, a jacket and trousers must be worn together with other personal protective equipment (PPE), including a helmet with protective visor, protective gloves and protective footwear (boots) to achieve the correct level of protection. Layering is very important and will increase protection – if you wear flame retardent underwear underneath your flame retardent garments you are protected for even better.



# ARC TEST IEC/EN 61482-1-1:2009 - "OPEN ARC TEST"

EN 61482-1-1: Protective clothing against the thermal hazards of an electric arc. Part 1-1 – Method 1: Determination of the arc rating (ATPV or EBT50) of flame resistant material or clothing.

ATPV and EBT are both evaluated in the same test, an open arc test (EN 61482-1-1/ASTM F1959). If the material has more thermal insulation value than arc tensile strength in resistance to heat, then it will break open first. If the opposite is true, the material will allow burns before it breaks open. The lowest value is the one that is used in the marking of the garments. Neither is better than the other. In essence, EBT fabrics are typically more insulating than they are strong and ATPV materials are stronger than they are insulating. You should never make a clothing protection decision based on the fact that clothing has achieved an ATPV or EBT rating. They are regarded as functional equivalents.

Arc Thermal Performance Value (ATPV) is the incident energy on a material that results in a 50 % probability that sufficient heat transfer through the specimen is predicted to cause the onset of second-degree burn injury based on the Stoll Curve. The higher the value, the better the protection.

Energy Break open Threshold: (EBT) is the incident energy on a material that results in a 50 % probability of break open. Break open is defined as any open area at least 1.6 cm $^2$ . The higher the value, the better the protection.

Both ATPV and EBT can be tested on single or multiple layers of material. When you test multiple layers, you will achieve a higher value then if the fabrics were tested separately because air trapped between the fabrics also has an insulating and protective effect.

Heat Attenuation Factor (HAF) is the measurement of the percentage of energy that is blocked by the material or material system.



#### ARC TEST IEC/EN 61482-1-2:2014 - "BOX TEST"

EN 61482-1-2: Protective clothing against the thermal hazards of an electric arc. Part 1-2 – Method 2: Determination of arc protection class of material and clothing by using a constrained and directed arc.

The garments are tested and evaluated in two classes in the same test; a box test. (Voltage: 400 V, Duration: 500 ms, Frequency: 50Hz or 60Hz).

Class 1 = 4 kA (arc energy 168 kJ) Class 2 = 7 kA (arc energy 320 kJ)

The result is approved or not approved and in the test reports the design is also commented on i.e. that the zip still works after exposure.



### EN ISO 11611:2015

Protective clothing for use in welding and allied processes. This standard specifies two classes with specific performance requirements; Class 1 being the lower level and Class 2 the higher level.

Please see the table on page 35 to choose the right class for your welding technique. In electric arc-welding operations there is a risk of exposure of skin to Ultraviolet (UV) radiation. During use the fabric of the clothing will degrade. Examine the garments regularly to prevent exposure to UV radiation. If user experience sunburn-like symptoms, UVB is penetrating. If garment is found to be penetrated by UV radiation, it should be repaired (if practicable) or replaced and the use of additional, more resistant protective layers should be considered in future. Two-piece protective clothing must be worn together to provide the specified level of protection. The CE-label inside the garment states the required garment-assembly. Using additional partial protective garments, the basic garment shall meet at least Class 1. Use of welding apron which covers the front body at least from side seam to side seam is recommended. Additional partial body protection may be required, e.g. for welding overhead.



#### EN 1149-5:2008

Certified and approved garments that protect against electrostatic discharge Suitable for work where there is a risk of explosion.

The person wearing electrostatic dissipative clothing shall be properly earthed. The resistance between the person and the earth shall be less than  $10^8\,\Omega,$  e.g. by wearing adequate footwear. Electrostatic dissipative protective clothing shall not be opened or removed whilst in presence of flammable or explosive atmospheres or while handling flammable or explosive substances. The garment shall permanently cover all noncompliant material during normal use, including bending and movements.

#### ATEX ENVIROMENT

People working in an ATEX environment often wear flame retardant clothing. In this environment it is important that the garments do not charge with static electricity, which can cause sparks. To make garments antistatic, we add antistatic fibres to the fabric. To ensure that the design is right and suitable for use in an ATEX environment, the garments are certified according to EN 1149-5 together (at least) with EN ISO 11612.



### EN ISO 14116:2015

Protective clothing – Protection against flame – Limited flame spread material, material assemblies and clothing.

EN ISO 14116 has three Index, of which Index 3 is highest. If single layer garment contains index 1 materials, those have to be worn over index 2 or 3 garments, and may not come into contact with the skin. The standard is mostly used for approval of lining and trims for use in EN ISO 11612-garments. Can also be used for garments that can not be EN ISO 11612 certified.



### EN 13034:2005. TYPE PB\* [6]

Protective clothing against liquid chemicals offering limited protective performance against liquid chemicals.

Important: The standard describes clothing that has been tested for repellency to chemical splashes, not resistance to permeation of chemicals! The clothing gives protection against specific named chemicals.

- Sulphuric acid, H<sub>2</sub>SO<sub>4</sub>, 30 %
- Sodium hydroxide, naOH, 10 %
- O-Xylene, undiluted
- Butan-1-ol, undiluted

\*PB = partial body protection

Please note: Adequate treatment must be added to the washing process minimum for every 5th washing cycle.



### EN ISO 11612:2015

### Clothing to protect against heat and flame.

Two-piece protective clothing must be worn together to provide the specified level of protection. The CE-label inside the garment states the required garment-assembly. The CE-label inside the garment states to which code letter the garment is certified. The higher level, the better. The following code letters are describing the performance of the garments.

### A: Limited flame spread

A1 - Surface ignition

A2 - Edge ignition

#### B: Protection against convective heat

B1 - B3

Convective heat is the heat that passes through the garment when in contact with flame. If there is an outer fabric that does not burn, injury may nevertheless occur due to the heat that forms when the fabric – and, indirectly, the body – comes into contact with the flame.

### C: Protection against radiant heat

C1 - C4

Low radiant heat over a long period can result in a risk of injury.

### D: Protection against molten aluminum splash

D1 - D3

### E: Protection against molten iron splash

E1 – E3

Even if the fabric does not start to burn or decay in contact with the molten metal, you can still get burns. The test indicates how many molten metal splashes the fabric can withstand before protection is compromised.

### F: Protection against contact heat

F1 - F3

Contact heat over a long period can result in risk of injury.



### EN 343:2003+A1:2007

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 precipitation (rain, falling snow), fog and ground humidity. Resistance to water penetration and water vapour resistance are measured.

x = Resistance to water penetration (1-3)

y = Water vapour resistance (1-3)



**FABRICS** 

Fluorescent

### EN ISO 20471:2013

Certified and approved garments for protection when the user needs visually to signal his or her presence to vehicles in daylight, at night or in poor weather conditions. EN ISO 20471 is an international standard, which has replaced EN 471. High visibility clothing has a fluorescent surface and retroreflective material that 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 assemble, e.g. jacket and trousers. This will be stated on 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.

Class 2

0.14

0.50

## MINIMUM AREA IN M<sup>2</sup> FOR APPROVAL UNDER EN ISO 20471

0.80

Class 3

Reflective/m² Reflective/m² 0.20 0.19 A 0.20 D 0.14 0.20 D 0.13 0.10 0.15 0.13	Class		
0.19 A 0.20 D 0.14	2 3 2 3 2		
0,20 D 0,14 0,20 0,13 0,10 0,15 0,13	3 2 3 2		
0,20 0,13 0,10 0,15 0,13	3 2 1		
0,13 0,10 0,15 0,13	2		
0,10 0,15 0,13	1		
0,15 0,13	'		
0,13	2		
	2		
0,18 A 0,20 D	2 3		
0,13	2		
0,10	1		
0,18 B 0,20 E	1 2		
0,10	1		
0,19 A 0,21 I 0,22 E	2 2 3		
0,19 A 0,20 D	2 3		
escent Reflect	tive CE/m² Class		
: C44	244 1 246 2		
0,20	2		
ı	2 3		
0,20 C 0,20 F	0		
0,20 C 0,20 F	2 3		
0,20 C 0,20 F 0,28	2 3 3		
0,20 C 0,20 F 0,28	2 3 3		
0,20 C 0,20 F 0,28	2 3 3 2 2		
0,20 C 0,20 F 0,28 0,14 0,14 C48 0,13 < C	2 3 3 2 2		
0.20 C 0.20 F 0.28 0.14 0.14 0.14 C48 0.13 < C 0.13 > C	2 3 3 2 2 2 2 148 150 2		
0.20 C 0.20 F 0.28 F 0.14 0.14 C48 0.13 C 0.13 C 0.13 C	2 3 3 2 2 2 2 148 1 2 3		
0.20 C 0.20 F 0.28 F 0.14 0.14 C48 0.13 C 0.13 C 0.13 C	2 3 3 2 2 2 2 148 1 2 3		
	0,20 C 0,20 F 0,20 F 0,28 0,14		

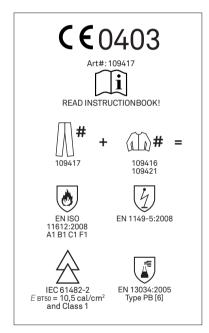


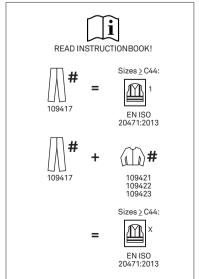
#### EN 342:2004

Certified and approved garments provide protection against cold weather, i.e. thermal insulation properties and air permeability. A cold climate is characterised by a combination of moisture and a temperature below -5°. EN 342 indicates the value of the resulting effective thermal insulation for a wearer. It indicates the lowest temperature at which the body can maintain thermal neutral conditions indefinitely (8 hours) for light and medium duty tasks. It also indicates the lowest temperature at which body cooling is sustained at an acceptable level for 1 hour, while the wearer is performing light and medium duty tasks.

- a The garment's thermal insulation properties
- b The thermal insulation standing still (optional)
- c Air permeability (1-3)
- d Resistance to water penetration (optional)

## EXAMPLE OF HOW ALL OUR FLAME PROTECTIVE CLOTHING SYSTEM ARE CE-MARKED







#### **MATERIAL**

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 with a wool base.

#### **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 %

#### INHERENT FLAME RETARDANT FABRICS - MODACRYLIC OR ARAMIDES

The unique molecular structure of the yarn fibres 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. And as the flame protection is not applied as a coating but is rather an integral part of the fibre structure, it cannot be washed or worn away. 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 highperformance 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® (GXH) fabric and other inherently flame retardant fabrics is that GXH has an anti-static membrane, while the rest have antistatic fibres in the weave. GORE-TEX® fabrics is also wind and waterproof as well as breathable.

#### **ARAMIDES - NOMEX**

An inherently flame retardant and temperature resistant fabric made from special meta-aramid fibre yarn. The fabric is made up of aramid rings linked by aramid bonds. It is non-combustible in air and will not melt or drip. When exposed to intense heat, the fabric carbonizes and thickens, forming a virtually impenetrable barrier. NOMEX® offers permanent protection that does not wash or wear away. In fact, durability tests conducted by DuPont show no deterioration of fabric strength, dimension stability or appearance – even after 200 washes.

#### FLAME RETARDANT TREATED FABRICS - PROBAN' OR PYROVATEX.

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 bond at the molecular level with the cellulose in the cotton fibres. Our Flamtech®-collection is 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 that cannot be washed or rubbed off. Combined with cotton, it provides a soft, strong material with good thermal insulation properties. The Safe underwear from Devold® is made from a blend of Merino wool and viscose FR®. Merino wool is a soft wool that is naturally anti-flame. viscose FR® is a viscose fibre with inherent anti-flame that cannot be washed or rubbed off. 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.

# USEFUL INFORMATION

#### **LAYERING**

- Flame retardancy prevents flames from spreading. However, heat can spread through the garment causing the skin to burn. If you wear flame retardant trousers, they will protect against heat for a certain period. The period of time during which you are protected is doubled if you also wear flame retardant underwear. If you work in a cold environment and wear lined flame retardant garments together with flame retardant underwear, you are protected for even longer. The same applied to electric arc certified garments; wearing flame retardant underwear or several layers will increase protection.
- The garments should be worn buttoned. Protection is impaired if the garment is worn in combination with non-flame retardant 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.
- We recommend that welders use a leather welding apron to protect other welding garments from sparks.

#### 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.

#### **GENERAL**

- Garments that are dirty, wet or sweaty 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.
- Garments may only be patched using a fabric that at least meets the requirements of the standard for the garment. For example, a garment certified according to EN ISO 11611 may only be patched with a fabric that meets EN ISO 11611 requirements.
- Transfers and embroideries which are tested against flame spread may be applied.
- for high visibility garments (certified according to en 471/en iso 20471), large transfers and embroidery are not permitted as the area of fluorescent material must be of a specific size to achieve the class for which the garment is certified.
- Tine reflective tape on our flame retardant garments is flame retardant and approved according to EN ISO 14116, EN 469 and EN 471/EN ISO 20471.
- All the linings in our flame retardant garments are approved according to EN ISO 14116.
- None of our products contain PBB (polybrominated biphenyl) or PBDE (polybrominated diphenyl ethers).
- where flame retardant clothing is concerned, different occupational groups have different needs.

#### **OCCUPATIONS**

#### **ELECTRICIANS**

This group needs garments certified and approved according to EN ISO 11612 and electric arc tested according to IEC 61482-2/EN 61482. Garments that comply with EN ISO 11612 protect the user from contact with heat and flames. Protective clothing tested according to IEC 61482 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/ cm2 is the general guideline. 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 both cases, 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. For this group of professionals, it is also important to wear the right type of underwear. Shirts, vests and underpants made of synthetic fibres (polyamide, polyester and acrylic) that are not flame retardant will melt in response to the heat that occurs during an arc accident. Even if the outer garments are certified to IEC 61482/EN 61482, synthetic underwear must not be used. The outer layer of an electrician's protective clothing must therefore be made from arc-tested

fabrics (EN 61482), and the remaining layers must pass a flame test (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. This standard demands greater protection against welding sparks. Garments suitable for welding have fewer pockets and functional details than other garments. Welding clothes are often used in conjunction with other PPE, e.g. welding apron, helmet and gloves.

GUIDANCE FOR THE SELECTION OF THE CLASS OF WELDERS' CLOTHING		
	SELECTION CRITERIA RELATING TO THE PROCESS:	SELECTION CRITERIA RELATING TO THE ENVIRONMENTAL CONDITIONS:
	Manual welding techniques, light formation of spatters and drops, e.g.:	Operation of machines, e.g. of:
	Gas welding	Oxygen cutting machines
	• Tig welding	Plasma cutting machines
_	Mig welding	Resistance welding machines
KLASS	Micro plasma welding	• Machines for thermal spraying
국	Brazing	Bench welding
	Spot welding	
	MMA welding (with rutile-covered electrode)	
	Manual welding techniques, heavy formation of spatters and drops, e.g.:	Operation of machines, e.g. of:
	MMA welding (with basic or	
	cellulosecovered electrode)	• In confined spaces
		In confined spaces     At overhead welding/cutting or in comparable constrained positions
2	cellulosecovered electrode)  • Mag welding	• At overhead welding/cutting or in
	cellulosecovered electrode)  • Mag welding (with CO2 or mixed gases)	• At overhead welding/cutting or in
KLASS 2	cellulosecovered electrode)  Mag welding (with CO2 or mixed gases)  MIG welding (with high current)  Self-shielded flux cored arc welding	• At overhead welding/cutting or in
	cellulosecovered electrode)  Mag welding (with CO2 or mixed gases)  MIG welding (with high current)  Self-shielded flux cored arc welding (FCAW)	• At overhead welding/cutting or in
	cellulosecovered electrode)  Mag welding (with CO2 or mixed gases)  MIG welding (with high current)  Self-shielded flux cored arc welding (FCAW)  Plasma cutting	• At overhead welding/cutting or in

#### **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 and EN 1149-5. 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. The design specification for these garments stipulates that conductive materials, such as metal zips and buttons, must be concealed. In addition to certification according to EN ISO 11612 and EN 1149-5, standards EN 343 and EN 471/EN ISO 20471 are also important for this group.

#### **RAIL WORKERS**

This group needs garments certified and approved in accordance with EN ISO 11612 and EN 471/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 471/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 in accordance with EN ISO 11611. Garments under this standard protect the user 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. This standard provides greater protection from welding sparks, which is why these garments have fewer pockets and functional details than other garments. Please refer to the guide to selecting welders' clothing under Welders.

# SERVICE & PROFILE







#### 1 TROUSERS 2501 DCS

ARTICLE NO 115699

Stretch and CORDURA® fabric / 2 front pockets, right with coin pocket / 1 front leg pocket with flap and velcro fastenings, mobile phone pocket and pen pockets / Inside rulerpocket / 2 back pockets / Fly with button fastening / D-ring at waistband.

MATERIAL 73% cotton, 17% polyamide, 8% elastomultiester, 2% elastane. WEIGHT 385 g/m². **COLOUR** 545 Indigo Blue, 940 Black. **SIZE** C42-C66, C146-C160, D96-D120.









#### 2 3/4 TROUSERS 270 DY

**ARTICLE NO** 100263

2 front pockets, one with coin pocket / 2 back pockets / Leg pocket with extra pocket / Leg pocket with zip, extra pocket and mobile phone pocket / Pre-shaped knees / OEKO-TEX® certified.

MATERIAL 100% cotton denim, unwashed, coloured back. WEIGHT 385 g/m<sup>2</sup>. COLOUR 545 Indigo Blue.









#### **3 TROUSERS 273 DY**

**ARTICLE NO** 100264

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

MATERIAL 100% cotton denim, unwashed, coloured back for Indigo Blue. WEIGHT 385 g/m². COLOUR 545 Indigo Blue, 940 Black. SIZE C44-C62, C146-C156, D92-D120.









**STRETCH** 

New service trousers with stretch panels for extra comfort. Lightweight, flexible and durable material. Just as good at work as in your spare time.

All black panels in stretch material.

#### NEW



#### **TROUSER 2526 PLW**

**ARTICLE NO** 121632

Stretch panels at back and knees / D-ring at waistband / Wide belt loop mid back / 2 front pockets / 1 side seam pocket with concealed zip / 2 back pockets with concealed zip / 2 front leg pockets with flap and velcro fastening, right pocket with mobile phone pocket and pen pockets / Pre-shaped knees /

MATERIAL 65% Polyester, 35% Cotton. Stretch fabric 91% Nylon, 9% Spandex. **WEIGHT** 220 g/m². Stretch 250 g/m². **COLOUR** 896 Grey/Black, 940 Black. **SIZE** C42-C66, C146-C160, D84-D120.













#### 1 TROUSERS 235 CS

#### **ARTICLE NO** 100254

2 front pockets / 2 back pockets with flaps and velcro fastenings / Zip fly / Leg pocket with flap, velcro fastening and zip, plus extra pocket and pen pocket / Leg pocket with mobile phone pocket / Broad loops / Tab with D-ring at the waistband / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 305 g/m².
COLOUR 210 Khaki, 539 True Navy, 940 Black.
SIZE 210 Khaki C44–C60, C146–C156, D96–D120. 539 True Navy and 940 Black C42–C66, C146-C160, D96-D120,













#### 2 TROUSERS 224 CY

#### **ARTICLE NO 100258**

Pre-shaped knees / Contrast seams / 2 front pockets / 2 back pockets / Leg pocket with zip / Multifunction pocket with pockets for folding rule and mobile phone / OEKO-TEX® certified.

MATERIAL Canvas, 60% cotton, 40% polyester. WEIGHT 345 g/m². COLOUR 539 True Navy, 940 Black. SIZE C44-C62, C146-C156.















#### **3 WINDSTOPPER® TROUSERS 218 GWR**

#### **ARTICLE NO** 100368

WINDSTOPPER® material / Windproof, water-repellent, breathable / Pre-shaped knees / 2 front pockets / 2 back pockets with flap / 2 leg pockets with flap and velcro fastening /1 with mobile phone pocket / 1 with pen pocket and concealed ID-card pocket / ePTFE membrane / Breathability RET < 8 / OEKO-TEX® certified.

MATERIAL 100% polyester, 3-layer WINDSTOPPER® material. WEIGHT 290 g/m².

SIZE C44-C66, C146-C156, D96-D120.











#### 4 PRO TROUSERS 251 PS25

#### **ARTICLE NO** 100546

Stretch quality/ Pre-shaped knees / CORDURA® reinforced knee pockets with opening for height-adjustable knee pads / 2 front and back pockets / Leg pocket with mobile phone pocket – both with flap – and concealed ID card pocket / Folding rule pocket with pen pocket and button and loop for sheath knife / D-ring / 2 hammer loops / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, mechanical stretch, brushed inside. Knee pockets of 100% polyamide. WEIGHT 290 g/m $^2$ . COLOUR 930 Grey.

SIZE C44-C62, C146-C156, D96-D120.















#### 1 TROUSERS 213 PLU

**ARTICLE NO** 114099

Concealed front button / 2 front pockets / D-ring at waistband / 2 back pockets with flaps and velcro fastening / 2 leg pockets, 1 with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and plastic ID-card holder, 1 cargo pocket with bellow pleats, flap and velcro fastening, extra pocket and pen pocket / Ruler pocket / Approved according to EN ISO 20471 class 1 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 80% polyester, 20% cotton, dirt, oil and water repellent. Other material of 65% polyester, 35% cotton. WEIGHT 300 g/m<sup>2</sup>.
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.





#### 2 TROUSERS 233 LUXE **TROUSERS 231 LUXE**

ARTICLE NO 100458 (233 LUXE) ARTICLE NO 100456 (231 LUXE)

Hard-wearing / Flat front / Large leg pocket with concealed zip and flap / Smaller leg pocket for mobile phone and folding rule / Pen pocket / OEKO-TEX® certified.

100458 (233 LUXE)

MATERIAL 65% polyester, 35% cotton, Luxe fabric. WEIGHT 295 g/m<sup>2</sup>.

**COLOUR** 210 Khaki, 539 True Navy, 930 Grey, 940 Black. **SIZE** 210 Khaki, 930 Grey C44-C62, C146-C156, D96-D120. 539 True Navy, 940 Black C42-C66, C146-C156, D96-D120.

100456 (231 LUXE) COLOUR 940 Black. SIZE C34-C50.









#### **3 TROUSERS 232 LUXE**

**ARTICLE NO** 100457

Reinforced with Oxford nylon / Hard-wearing and tear-resistant / Pre-shaped knees / 2 front pockets / Safety pocket with zip / 2 back pockets / 1 tool pocket / 1 leg pocket / 1 mobile phone pocket with zip / 1 pen pocket / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 300g/m². COLOUR 930 Grey, 940 Black. SIZE C44-C66, C144-C156, D96-D120.















#### 1 TROUSERS 2019 LUXE

#### **ARTICLE NO 100805**

Two-colour / Contrast stitching / Semi-low waist / Saddleback cut / Zip fly / Diagonal cut over knees / Reflectors under knee pockets and over leg bottoms / Adjustable knee pockets integrated into seams / Leg pocket with flap / Outside mobile phone pocket with velcro strap and pen pocket / Double CORDURA® reinforced folding rule pocket / Back pockets with pleats, 1 with flap / Hammer loop/ Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

#### MATERIAL 65% polyester, 35% cotton. WEIGHT 295 g/m $^2$ .

COLOUR 299 Khaki/Black, 576 Navy/Royal Blue, 586 Navy/Grey, 676 Royal Blue/Navy, 781 Light Army Green/Army Green, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey.
SIZE C42-C66, C146-C160, D96-D120, C246-C260, 299 Khaki/Black, 586 Navy/Grey,

781 Light Army Green/Army Green, 965 White/Grey C42–C66, C146–C160, D96-D120.





#### 2 TROUSERS 2111 LUXE **TROUSERS 2117 LUXE, WOMEN**

**ARTICLE NO** 113099 (2111 LUXE) **ARTICLE NO** 121983 (2117 LUXE, WOMEN)

Contrast stitching / Semi-low waist / Saddleback cut / Zip fly / Reflective detailing on back of knees / Adjustable leg length with 5 cm hem allowance / 2 side pockets / Large leg pocket with flap - placed over side seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket - placed over side seam - with pen pocket / 2 back pockets, 1 with flap and snap fastening / Hammer loop / Leasing Laundry tested according to ISO 15797 / OEKO-TEX® certified.

#### 113099 (2111 LUXE)

MATERIAL 65% polyester, 35% cotton, Luxe fabric. WEIGHT 295 g/m².
COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey

SIZE C42-C66, C146-C166, D96-D120.

121983 (2117 LUXE, WOMEN)

MATERIAL 65% polyester, 35% cotton, Luxe fabric, WEIGHT 295 g/m<sup>2</sup>. COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grey.









#### 3 TROUSERS 2109 P154

#### **ARTICLE NO 114103**

Mesh ventilation at back yoke and knee / Triple needle stitching / Semi-low waist / Saddleback cut / Zip fly / Adjustable leg length with 5 cm hem allowance / 2 side pockets, right with integrated mobile phone pocket / Large leg pocket with flap placed over seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket with pen pocket / 2 back pockets, 1 with flap / Hammer loops / Leasing laundry-tested according to ISO 15797 /OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m<sup>2</sup>. COLOUR 299 Khaki/Black, 397 Red/Black, 576 Navy/Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey. SIZE C42-C66, C146-C160, D96-D120.











#### 4 TROUSERS 280 P154 **TROUSERS 278 P154**

ARTICLE NO 100427 (280 P154) ARTICLE NO 100426 (278 P154)

2 front pockets / 2 back pockets, 1 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 / Leasing laundry tested according to ISO 15797 / OEKO-TEX® certified.

100427 (280 P154)

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m<sup>2</sup>. COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey.

SIZE C44-C62, C146-C156, D84-D120. 540 Dark Navy, 940 Black C44-C62, C146-C156, D84-D132.

100426 (278 P154)

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m<sup>2</sup>. COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE 034-050



LIGHTWEIGHT RIPSTOP MATERIAL

PERFECT FOR WARM ENVIRONMENTS

# LIGHTWEIGHT AND COMFORTABLE WITH MANY FUNCTIONS

- Lightweight and flexible.
- Durable ripstop material
- · Many functions
- · Comfortable fit
- Suitable for work in warm environments







#### 1 TROUSERS 2500 RIP

#### **ARTICLE NO** 113970

2 front pockets, right one with mobile phone pocket / 2 front leg pockets, 1 with flap and velcro fastenings and 1 open pocket plus extra pocket, mobile pocket and pen pockets / Inside ruler pocket / 2 back welt pockets / Z ing fly / D-ring at waistband / Pre-shaped knees / Adjustable leg ends / OEKO-TEX® certified.

MATERIAL 50% cotton, 50% polyester. WEIGHT 195 g/m². COLOUR 210 Khaki, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE C42-C66, C146-C160, D96-D120.







#### **2 SHORTS 2503 RIP**

#### ARTICLE NO 116086

2 front pockets / 2 front leg pockets, 1 with flap and velcro fastening and 1 open pocket plus extra pocket, mobile phone pocket and pen pockets /Inside folding rule pocket / 2 back welt pockets / Zip fly / D-ring at waistband / OEKO-TEX $^{\oplus}$  certified.

MATERIAL 50% cotton, 50% polyester. WEIGHT 195 g/m². COLOUR 210 Khaki, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE C42-C66.













#### 1 SHORTS 2508 P154

#### **ARTICLE NO** 117219

2 front pockets / 2 back pockets, 1 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 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m². COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey.





SIZE C44-C62.

#### 2 SHORTS 2119 P154

#### **ARTICLE NO** 114105

Mesh ventilated yoke at back / Triple needle stitching / Semi-low waist / Saddleback cut / Zip fly / 2 side pockets, right with mobile phone pocket / Large leg pocket with flap – placed over side seam – with mobile phone pocket with flap and pen pockets / Double folding rule pocket with pen pocket / 2 back pockets, 1 with flap / Hammer loops/Leasing-laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m².

COLOUR 299 Khaki/Black, 397 Red/Black, 576 Navy/Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey. SIZE C42-C66.





#### 3 SHORTS 254 BPC

#### **ARTICLE NO** 100128

2 front pockets / 2 back pockets with bellows pleat for extra space / 2 leg pockets, 1 with velcro fastening and bellows pleat, 1 with mobile phone pocket and flap, pen pocket and 2 extra pockets / D-ring / Broad loops / OEKO-TEX $^{\circ}$  certified.

MATERIAL 60% cotton, 40% polyester, brushed on reverse side. WEIGHT 295 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.





#### 4 SHORTS 2020 LUXE

#### **ARTICLE NO** 100808

 $\label{lem:colour} Two-colour / Contrast stitching / Semi-low waist / Saddleback cut / Zip fly / Leg pocket with flap / Outside mobile phone pocket with velcro strap and pen pocket / Double CORDURA® reinforced ruler pocket / Side pockets / 2 back pockets with pleats, 1 with flap / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.$ 

MATERIAL 65% polyester, 35% cotton. Förstärkning av CORDURA® 100% polyamid. WEIGHT 295 g/m².

COLOUR 299 Khaki/Black, 576 Navy/Royal Blue, 586 Navy/Grey, 676 Royal Blue/Navy, 781 Light Army Green/Army Green, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey.
SIZE C42-C66.





# **MAXIMUM**

Flexible function jackets in soft, lightweight material that provide freedom of movement and very high comfort.

All jackets are windproof and water-repellent.

WINDPROOF AND WATER-REPELLENT

#### 1 QUILTED JACKET 4021 MEQ

**ARTICLE NO** 122221

Windproof / Full zip at front / Fleece-lined collar / Hidden chest pocket with zip / 2 front pockets with zip / Elastic waist / Elastic cuff with thumb grip / Inside pocket.

MATERIAL 100% polyester. WEIGHT 330 g/m<sup>3</sup> COLOUR 540 Dark Navy, 940 Black. SIZE XS-3XL.













#### 2 WINDSTOPPER® JACKET 4862 GWC

**ARTICLE NO 110078** 

WINDSTOPPER® material / Windproof, water-repellent, breathable / Soft and comfortable, windproof and water resistant softshell fabric / Grid fleece inside / Mesh lining inside pockets / Neck yoke with blue mesh lining / Elastic thumb grip in contrast colour / Slightly fitted / ePTFE membrane / Breathability RET < 8 / OEKO-TEX® certified.

MATERIAL 95% polyester, 5% polytetrafluoroethylene, 3-layer WINDSTOPPER® material. Lining 100% polyester. WEIGHT Outer fabric 275 g/m², lining 88 g/m². COLOUR 940 Black. SIZE XS-3XL.









#### 3 WINDSTOPPER® JACKET 4962 GWC

**ARTICLE NO** 110659

WINDSTOPPER® material / Windproof, water-repellent and breathable softshell fabric / Grid fleece inside / Mesh lining in sides and inside pockets / Zip to top of collar with inside placket / Fleece-lined collar / Front pockets with zip / Elastic thumb grip / ePTFE membrane / Breathability RET≤8 / OEKO-TEX® certified.

MATERIAL 95% polyester, 5% polytetrafluoroethylene, 3-layer WINDSTOPPER® material. Lining 100% polyester. WEIGHT Outer fabric 275 g/m², lining 88 g/m². COLOUR 982 Black/Hi-Vis Yellow. SIZE XS-3XL.









#### **WINDPROOF KNITTED GARMENTS**

- Comfortable knitted material
- Windproof lining, which is flexible to provide extra comfort and moveability
- · Reinforced with ripstop material on shoulders and elbows.





#### 1 KNITTED JACKET 7101 BLK

**ARTICLE NO** 121627

Stretch windcheater lining / 5 gauge knit / Contrast stitching / Full zip / Chest pocket with zip / 2 front pockets with zip / Ripstop reinforcement at shoulders and elbows / Rib-knitted cuffs and hem.

MATERIAL 65% cotton, 35% acrylic. WEIGHT 450 g/m2. COLOUR 940 Black SIZE XS-3XL.











#### 2 Airtech® Jacket 4906 GTT

**ARTICLE NO** 120963

Airtech® breathable, wind and waterproof / Detachable hood with adjustable strap and drawstring / 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 from outside / 2 front pockets with zip / Adjustable drawstring at hem / Ventilation panel at back / Extended back / 2 inside pockets, 1 with velcro fastening and 1 with zip / Zip in lining for easy embroidery and transfer / Mesh lining / Pre-shaped elbows / Adjustable width at sleeve end / Elastic inner cuff with thumb grip / Reflective print at sleeves, mid-back and at hood / Waterpillar 10.000mm / Approved according to EN 343 class 3/3.

MATERIAL Airtech®, 100% polyester, breathable, wind and waterproof. Lining: 100% polyamide. WEIGHT Outer fabric 150 g/m², lining 90 g/m².
COLOUR 556 Navy/Hi-Vis Yellow, 984 Black/Hi-Vis Orange, 940 Black. SIZE XS-4XL



#### **3 KNITTED SWEATER WITH ZIP 7100 BLK**

**ARTICLE NO 110609** 

Stretch windcheater lining / Heavy knit / Contrast stitching / Half zip at neck / Chest pocket with zip / Ripstop reinforcement at shoulders and elbows / Rib-knitted cuffs and hem.

MATERIAL 65% cotton, 35% acrylic. WEIGHT 450 g/m². COLOUR 940 Black











# WINDPROOF AND WATER-REPELLENT, BREATHABLE SOFT SHELL JACKETS

A good soft shell jacket is the perfect allround garment, which can be worn nearly all year round. Our jackets are made from comfortable stretch materials that are windproof, water-repellent and are breathable.





#### 1 SOFTSHELL JACKET 4500 SSM

#### **ARTICLE NO** 113979

Breathable, wind and water-repellent / Stretch quality / Embroidered Fristads Kansas logo at neck back / 1 chest pocket with zip at right front, mesh pocket bag / 2 front pockets with zip, mesh pocket bags / Adjustable drawstring at hem / Adjustable cuffs / Inside pocket with mesh / Inside fleece lining / OEKO-TEX® certified.

MATERIAL 100% polyester. WEIGHT 280 g/m².
COLOUR 545 Indigo Blue, 940 Black, 942 Anthracite Grey.
SIZE S-4XL.





#### 2 SOFTSHELL JACKET 4119 SSR

#### **ARTICLE NO** 113930

Breathable, wind and water-repellent / Stretch quality / Reflective print Fristads Kansas logos / 1 chest pocket with zip at right front, mesh pocket bag / 2 front pockets with zip, mesh pocket bags / Adjustable drawstring at hem / Adjustable cuffs / Inside fleece lining / OEKO-TEX® certified.

MATERIAL 86% Polyester, 14% Polyurethane. WEIGHT 285 g/m².

COLOUR 299 Khaki/Black, 576 Navy/Royal Blue, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey.

SIZE S-4XL.



#### 3 JACKET 4807 SCM

#### **ARTICLE NO** 100770

Windproof / Water-repellent / Breathable / Extended back / 2 front pockets / 2 inside pockets / Sleeve pocket / Chest pocket with zip and earpiece slot / Reinforcement on shoulders and sleeve ends.

MATERIAL 100% polyester. Backing in 100% polyester micro fleece. Reinforcement in 100% polyamide.
WEIGHT 360 g/m².

COLOUR 540 Dark Navy, 930 Grey, 940 Black.





#### 1 FLEECE PULLOVER HALF **ZIP 7450 PRKN**

Melange fabric / Flatlock stitch / Nylon reinforced with ripstop at shoulders and sleeves / Half zip at front / Pockets at front reinforced with rivets / Reflective detail at right sleeve and bottom back.

MATERIAL 100% polyester, brushed inside.

WEIGHT 300 g/m<sup>2</sup>

COLOUR 397 Red/Black, 597 Blue/Black, 896 Grey/Black.



#### 2 SWEATSHIRT HALF ZIP 7452 PFKN

**ARTICLE NO 114033** 

Flatlock stitch / Half zip at front / Zip pocket at right chest, leaving left side for logo / Reflective tape at front.

MATERIAL 100% polyester. WEIGHT 255 g/m². COLOUR 586 Navy/Grey, 940 Black, 996 Black/Grey.



#### **3 FLEECE 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.

MATERIAL 100% polyester, brushed inside.

WEIGHT 300 g/m<sup>2</sup>.

COLOUR 397 Red/Black, 597 Blue/Black, 896 Grey/Black.

SIZE XS-3XL.



#### **5 SWEATSHIRT HOOD 7454 PFKN**

**ARTICLE NO 114035** 

Flatlock stitch / Adjustable hood with drawstring / Kangaroo pocket at front / Ribbed at bottom and sleeve / Reflective tape at front.

MATERIAL 100% polyester. WEIGHT 255 g/m². COLOUR 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE XS-3XL.



#### 4 SWEATSHIRT JACKET **7453 PFKN**

**ARTICLE NO** 114034

Flatlock stitch / Long zip at front / Zip pocket at right chest, leaving left side for logo / Reflective tape at front.

MATERIAL 100% polyester. WEIGHT 255 g/m². COLOUR 586 Navy/Grey, 940 Black, 996 Black/Grey. SIZE XS-3XL.





#### 1 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 / Constrast 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.









#### 2 SWEATSHIRT 792 PY

#### **ARTICLE NO** 100553

 ${\sf Polartec}^{\tiny{\textcircled{\tiny 0}}}\ {\sf Power}\ {\sf stretch}\ {\sf microfleece}\ /\ {\sf Transports}\ {\sf moisture}/\ {\sf Highly}\ {\sf breathable}\ /\ {\sf respective}$ 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% spandex micro fleece. WEIGHT 230 g/m². COLOUR 940 Black SIZE XS-4XL.





#### 3 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 farbic 200g/m².

COLOUR 598 Navy/Black, 896 Grey/Black, 940 Black. SIZE 598 Navy/Black, 896 Grey/Black XS-4XL. 940 Black XS-5XL.







#### 4 37.5° JACKET 4825 FCY

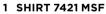
#### **ARTICLE NO** 100960

Grid fleece / Raglan sleeve / Flatlock stitching detail / Right chest pocket with zip. MATERIAL 60% polyester 37.5™ by Cocona Technology, 33% polyester, 7% Elastane. WEIGHT 272 g/m². COLOUR 540 Dark Navy, 940 Black.

SIZE XS-3XL.







**ARTICLE NO** 104986

Brushed inside / Long-sleeved / 2 chest pockets / Extended back.

MATERIAL 100% cotton. WEIGHT 156 g/m². COLOUR 539 True Navy, 940 Black.







#### 2 SHIRT 733 SB

**ARTICLE NO** 100578

Short-sleeved / Concealed snap fastening opening at neck / 3 chest pockets, 2 with velcro fastening, 1 with zip fastening / Sleeve pocket / Side vents / Extended back / OEKO-TEX® certified.

MATERIAL Poplin, 60% cotton, 40% polyester. WEIGHT 185 g/m². COLOUR 539 True Navy, 940 Black. SIZE XS-3XL.











#### **3 SHIRT 735 SB**

**ARTICLE NO** 100579

Long-sleeved / Concealed snap fastening opening at neck / 3 chest pockets, 2 with velcro fastening, 1 with zip fastening / Sleeve pocket / Side vents / Extended back / OEKO-TEX® certified.

MATERIAL Poplin, 60% cotton, 40% polyester. WEIGHT 185 g/m<sup>2</sup>.

COLOUR 539 True Navy, 940 Black.

SIZE XS-3XI











5 SHIRT 7420 SO

**ARTICLE NO** 104985



Pleated back / Chest pocket with button.

MATERIAL 100% cotton. WEIGHT 178 g/m².

#### 4 SHIRT 7445 LF

**ARTICLE NO** 110077

Fully lined, checked flannel shirt / Snap fastening / Slit in side seam for easy movement / 2 chest pockets with buttons, one with pen pocket.

MATERIAL Outer fabric 100% cotton, lining 100% polyester. WEIGHT Outer fabric 165 g/m², lining 120 g/m². COLOUR 557 Blue/Yellow. SIZE XS-3XL.











#### 1 SWEATSHIRT 783 LY

**ARTICLE NO** 100401

Zip with yellow contrast / Raglan sleeves / Adjustable hood / 2 front pockets with zip.  $\textbf{MATERIAL}~80\%~polyester, 20\%~cotton, brushed~inside.~\textbf{WEIGHT}~300~g/m^2.$ COLOUR 940 Black.



#### 2 SWEATSHIRT 7008 LZS

**ARTICLE NO** 113915

Enzyme washed / Rib-knitted neck, cuffs and hem / Printed label at neck / Raglan sleeve / Label at hem.

MATERIAL 100% cotton. WEIGHT 360 g/m<sup>2</sup>. COLOUR 542 Washed Blue, 947 Washed Black. SIZE XS-3XL.



#### **3 SWEATSHIRT WITH ZIP 7449 RTS**

**ARTICLE NO** 111263

Contrast stitching / Contrast on shoulder, sleeve and outside collar / Short zip at collar / Contrast colour collar insert / Rib-knitted cuffs and bottom.

 $\label{eq:material} \textbf{MATERIAL}~100\%~cotton.~Contrast~\textbf{COLOUR}~100\%~polyester.~\textbf{WEIGHT}~280~g/m^2.\\ \textbf{COLOUR}~540~Dark~Navy, 940~Black.$ SIZE XS-3XL.



#### **4 HOODED SWEATSHIRT WITH ZIP 7783 LYS ARTICLE NO** 110309

Full length contrast colour front zip / 2 front pockets in polyamide ripstop with button closure / Elbows reinforced with polyamide / Reflective piping / Rib-knitted cuffs and bottom / Y embroidery at shoulder.

MATERIAL 100% polyester. WEIGHT 305 g/m². COLOUR 540 Dark Navy, 940 Black







#### **FUNCTIONAL GARMENTS**

Comfortable T-shirts and polo shirt in materials that provide increased comfort when working hard. Transports moisture, breathable and dries very quickly



37.5™. Transports moisture, absorbs odour, offers UV protection UPF 30+ and dries very quickly.



#### 1 COOLMAX® T-SHIRT 918 PF

**ARTICLE NO** 100471

Moisture wicking / 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.









#### 2 37.5° T-SHIRT 7404 TCY

**ARTICLE NO** 100965

Transports moisture / Absorbs odour / Dries very quickly / Offers UV protection UPF 30+ / Flatlock stitching at sleevehole and shoulder for comfort / Drop shoulder at front / V-stitch at neck / Taped neck edge / Y embroidery on shoulder.

MATERIAL 55,5% polyester, 44,5% polyester 37.5™ by Cocona technology. WEIGHT 145 g/m<sup>2</sup>

COLOUR 131 Bright Yellow, 530 Royal Blue, 539 True Navy, 940 Black.





#### **3 COOLMAX® POLO SHIRT 718 PF**

**ARTICLE NO** 100470

Moisture wicking / Quick drying / Short zip / Collar / Chest pocket / Side vents / Extended back.

 $\textbf{MATERIAL}~50\%~Coolmax \\ \ ^{\tiny{\textcircled{\tiny 0}}}~Dacron~fibre, 50\%~polyester. \\ \textbf{WEIGHT}~140~g/m^2.$ COLOUR 540 Dark Navy, 930 Grey, 940 Black.





#### 4 37.5° T-SHIRT 7405 TCY

**ARTICLE NO** 100966

Transports moisture / Absorbs odour / Dries very quickly / Offers UV protection UPF 30+ / Flatlock stitching at sleevehole and shoulder for comfort / Drop shoulder at front / V-stitch at neck / Taped neck edge / Y embroidery on shoulder.

MATERIAL 55,5% polyester, 44,5% polyester  $37.5^{\text{TM}}$  by Cocona technology. WEIGHT 145 g/m<sup>2</sup>

COLOUR 940 Black

SIZE XS-3XL.







#### 1 POLO SHIRT 7448 RTP

**ARTICLE NO** 111262

Contrast stitching / Contrast colour on shoulder and sleeve / Flat knit collar with yarn dyed stripe / Contrast colour neck insert.

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









#### **3 T-SHIRT 7906 TY**

**ARTICLE NO** 110308

Contrast stitching / Contrast raglan insert / Y embroidery at shoulder.

MATERIAL 95% Cotton, 5% Spandex. WEIGHT 200 g/m<sup>2</sup>. COLOUR 131 Bright Yellow, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE XS-3XL.



#### **5 T-SHIRT 7005 LZT**

**ARTICLE NO** 113912

Enzyme washed / Round rib-knitted neck / Taped neck seam / Printed label at neck / Graphic print on front / Label at hem.

MATERIAL 100% cotton. WEIGHT 160 g/m². COLOUR 542 Washed Blue, 947 Washed Black. SIZE XS-3XL.



#### **2 LS T-SHIRT 7006 LZT**

**ARTICLE NO** 113913

Enzyme washed / Round rib-knitted neck / Taped neck seam / Printed label at neck / Raglan sleeve / Graphic print on front / Label at hem.

MATERIAL 100% cotton. WEIGHT 160 g/m². COLOUR 542 Washed Blue. SIZE XS-3XL.



#### **4 T-SHIRT 7447 RTT**

**ARTICLE NO** 111261

Rib-knitted collar / Contrast stitching / Contrast colour panel on shoulder and sleeve.

MATERIAL 95% cotton, 5% elastane. WEIGHT 200 g/m². COLOUR 540 Dark Navy, 940 Black.











#### 1 SWEATSHIRT 7016 SMC

**ARTICLE NO** 121631

 ${\tt Colourfast\,/\,Tone\,in\,tone\,stitches\,/\,Brushed\,inside.}$ 

MATERIAL 100% cotton. WEIGHT 300 g/m². COLOUR 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE XS-5XL.



#### 2 SWEATSHIRT 7608 SM

**ARTICLE NO** 114142

Full zip at front / 2 front pockets with zip / Tone in tone stitches / Brushed inside / Leasing Laundry tested according to ISO 15797.

MATERIAL 65% cotton, 35% polyester. WEIGHT 300 g/m². COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE S-4XL.



#### 3 SWEATSHIRT 7607 SM

**ARTICLE NO** 114140

Half zip at front / 2 front pockets with zip / Tone in tone stitches / Brushed inside / Leasing Laundry tested according to ISO 15797.

MATERIAL 65% cotton, 35% polyester. WEIGHT 300 g/m². COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE S-4XL.



#### 4 POLO SHIRT 7393 PM

**ARTICLE NO** 100781

Colourfast / Button at neck / Chest pocket / Leasing laundry-tested according to ISO 15797.

MATERIAL 65% polyester, 35% cotton. WEIGHT 240 g/m².
COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grey.
SIZE XS-4XL.



White sweatshirts are without chest pocket, article no. 114135.



Also without chest pocket





#### 1 SWEATSHIRT 7394 SM

**ARTICLE NO** 100782

Colourfast / Tone in tone stitches / Chest pocket / Brushed inside / Leasing laundry-tested according to ISO 15797.

MATERIAL 65% polyester, 35% cotton. WEIGHT 300 g/m². COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 940 Svart, 941 Dark Grey. 900 White. SIZE XS-4XL.



#### 2 T-SHIRT 7391 TM

**ARTICLE NO** 100779

Colourfast / Chest pocket / Leasing laundry tested according to ISO 15797.

MATERIAL 65% polyester, 35% cotton. WEIGHT 200 g/m². COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 White, 940 Black, 941 Dark Grey. 900 White. SIZE XS-4XL.



#### 3 POLO SHIRT 7392 PM

**ARTICLE NO** 100780

Colourfast / Button at neck / Chest pocket / Leasing laundry tested according to ISO 15797.

MATERIAL 65% polyester, 35% cotton. WEIGHT 240 g/m². COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 900 Vit, 940 Black, 941 Dark Grey. SIZE XS-4XL.









#### 1 SHIRT 7386 BKS

**ARTICLE NO** 100732

Double yoke / Reinforced seams / Pre-shrunk / 2 chest pockets with flap / Pen pocket / Phone pocket. MATERIAL 100% combed cotton. WEIGHT 190 g/m². COLDUR 331 Red, 530 Royal Blue, 540 Dark Navy, 900 White, 940 Black, 941 Dark Grey. SIZE S-4XL.









#### 2 SHIRT 7385 B60

**ARTICLE NO** 100731

Double yoke / Reinforced seams / Shrink-treated / 2 chest pockets with flap / Pen pocket/phone pocket.

MATERIAL 65% polyester, 35% cotton, Luxe fabric.

WAI ERIAL 537 g/m<sup>2</sup>.
WEIGHT 177 g/m<sup>2</sup>.
COLOUR 210 Khaki, 331 Red, 530 Royal Blue, 540 Dark Navy, 730 Green, 940 Black, 941 Dark Grey.
SIZE S-4XV.





#### 3 SHIRT 7387 B60

**ARTICLE NO** 100733

Double yoke / Reinforced seams / Shrink-treated /  $2\ \mathsf{chest}\ \mathsf{pockets}\ \mathsf{with}\ \mathsf{flap}\ \mathsf{/}\ \mathsf{Pen}\ \mathsf{pocket}\ \mathsf{/}\ \mathsf{Phone}$ pocket.

MATERIAL 65% polyester, 35% cotton, Luxe fabric.

WEIGHT 177 g/m². COLOUR 331 Red, 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE S-4XL.











#### 1 SHIRT 720 BKS

**ARTICLE NO** 100117

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

MATERIAL 100% combed cotton. WEIGHT 190 g/m². COLOUR 331 Red, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE XS-3XL.





#### 2 SHIRT 720 B60

**ARTICLE NO** 100105

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

MATERIAL 65% cotton, 35% polyester. WEIGHT 177 g/m². COLOUR 331 Red, 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE XS-3XL.





#### 3 SHIRT 721 B60

**ARTICLE NO** 100107

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

MATERIAL 65% cotton, 35% polyester. WEIGHT 177 g/m². COLOUR 331 Red, 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE XS-3XL.

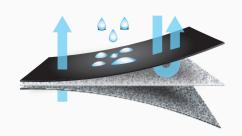






# KEEP WARM IN THE COLD AND DRY IN THE WET WITH THE 3-LAYER PRINCIPLE

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, the clothing must transport excess heat and moisture away 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 avoiding getting cold. The right clothes interact so you will feel well at work and manage more – in all weathers and all seasons.





## LAYER 3 PROTECTIVE LAYER

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

# 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 1 MOISTURE TRANSPORT

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



### WORK SAFELY WHAT-EVER THE WEATHER

- · Completely water and windproof.
- The only workwear that is tested in a rain room
- Unlined garments withstand 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
- Withstands a 28.000 mm waterpillar in GORE's own tests. Independent test institutes only test up to 10,000 mm.
- The garments withstand 10,000 mm waterpillar even after 35 washes at 60° industrial laundering with maintained













#### 1 GORE-TEX® JACKET 4863 GXB

#### **ARTICLE NO** 110098

2-layer GORE-TEX material / Breathable, wind and waterproof / Fully taped construction / Reinforced with rivets at stress points / Fully lined with mesh and taffeta / Front zipper concealed by wind shield / Hood detachable with buttons / Adjustable straps at sleeves / 3 front pockets / 2 inner pockets / 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® material. WEIGHT Outer fabric 220 g/m², lining 60 g/m². COLOUR 940 Black SIZE XS-3XI















#### 2 GORE-TEX® TROUSERS 2998 GXB

#### **ARTICI F 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 / Backpocket 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 60 g/m². COLOUR 940 Black SIZE XS-3XI











#### **3 GORE-TEX® 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 / OFKO-TEX® certified.

MATERIAL 100% polyester, 2-layer GORE-TEX® laminate. WEIGHT Outer fabric 220 g/m², lining 60 g/m². COLOUR 896 Grey/Black, 940 Black SIZE XS-3XL.























#### **ARTICLE NO** 120964

GORE-TEX®-material, breathable, wind and waterproof / Taped seams / Fully lined and padded / Zip to top of collar / Detachable hood with adjustable strap and drawstring and detachable fur / Fleece-lined collar with increased height at back / 2 chest pockets with zip / Napoleon pocket at left with inside mobile phone pocket, full access even when the jacket is fully zipped / 2 bellowed front pockets with flap and velcro fastening / Inside pockets / Zip in lining for easy embroidery and transfer / Adjustable drawstring at waist / Sleeve pocket with zip / Pre-shaped sleeves / Elastic inner cuffs with thumb grip / Adjustable sleeve end / Extended back / Reflective details at front and back / Waterpillar > 10.000 mm / ePTFE membrane / RET  $\leq$  6,9 / Garment approved according to EN 343 class 3/1 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3.

MATERIAL Outer in 100% polyester, 2-layer GORE-TEX® laminate, wind and waterproof but breathable. Lining in 100% polyester. WEIGHT Outer fabric 220 g/m², lining 197 g/m².

COLOUR 940 Black.

SIZE XS-3XL.















#### 2 GORE-TEX® JACKET 4999 GLL

#### **ARTICLE NO** 110962

Breathable, water and windproof / Fully lined with light padding / Fleece lined collar / Front zip with storm flap / Right zip chest pocket to leave left side for logo / 2 front pockets with fleece lining / Inside pocket / Detachable hood with adjustable strap and drawstring / Adjustable strap on sleeve bottom / Extended back / Adjustable drawstring at hem / Waterpillar > 10.000 mm / ePTFE membrane / RET < 6 / Garment approved according to EN 343 class 3/2 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3 / OEKO-TEX®

MATERIAL 100% polyester, 2-layer GORE-TEX® laminate. WEIGHT Outer fabric 280 g/m², lining 197g/m². COLOUR 940 Black, 996 Black/Grey SIZE XS-3XL.











- Completely windproof
- High breathability
- Water-repellent
- ePTFE membrane

#### **FUNCTION THAT MAKES A DIFFERENCE**

WINDSTOPPER® garments are completely windproof and keep you warm, even under really windy conditions. At the same time they have very high breathability and ensure that moisture can evaporate from your body. The WINDSTOPPER® material is subjected to comprehensive testing to provide maximum functionality throughout the working day.







Keeps you warm outdoors while also

remaining comfortable indoors.







#### 1 WINDSTOPPER® JACKET 4844 GWT

#### **ARTICLE NO** 101035

 ${\tt WINDSTOPPER@material/Windproof, water-repellent, breathable/Zip\ to\ top\ of\ and\ the proof of\ the proof of\ the proof of\ the proof of\ the proof of\ the proof of\ the proof of\ the proof\ t$ collar / Chest pocket with zip / 2 side pockets with zip / Inside pocket / Inside mobile phone pocket / Loop for earpiece / Thumb grip / Stretch cuffs / Drawstring at hem / ePTFE membrane / Breathability RET < 8 / OEKO-TEX® certified.

MATERIAL 100% polyester, micro fleece, 3-layer WINDSTOPPER® material. WEIGHT 245 g/m<sup>2</sup>

COLOUR 540 Dark Navy, 940 Black.











#### 2 WINDSTOPPER® TROUSERS 218 GWR

#### **ARTICLE NO** 100368

WINDSTOPPER® material / Windproof, water-repellent, breathable / Pre-shaped knees / 2 front pockets / 2 back pockets with flap / 2 leg pockets with flap and velcro fastening /1 with mobile phone pocket / 1 with pen pocket and concealed IDcard pocket / ePTFE membrane / Breathability RET < 8 / OEKO-TEX® certified.

MATERIAL 100% polyester, 3-layer WINDSTOPPER® material. WEIGHT 320 g/m<sup>2</sup>. COLOUR 940 Black. SIZE C44-C66, C146-C156, D96-D120.







#### **3 WINDSTOPPER® JACKET 4862 GWC**

#### **ARTICLE NO** 110078

 ${\tt WINDSTOPPER@material/Windproof, water-repellent, breathable/Soft and}$ comfortable, windproof and water resistant softshell fabric / Grid fleece inside /  $Mesh\ lining\ inside\ pockets\ /\ Neck\ yoke\ with\ blue\ mesh\ lining\ /\ Elastic\ thumb\ grip\ in\ contrast\ colour\ /\ Slightly\ fitted\ /\ ePTFE\ membrane\ /\ Breathability\ RET<8\ /$ OEKO-TEX® certified.

MATERIAL~95%~Polyester, 5%~Polytetrafluoroethylene, 3-layer~WINDSTOPPER°~material.WEIGHT Outer fabric 275 g/m², lining 88 g/m². COLOUR 940 Black.

SIZE XS-3XI







#### 4 WINDSTOPPER® JACKET 4962 GWC

#### **ARTICLE NO** 110659

WINDSTOPPER® material / Windproof, water-repellent and breathable softshell fabric / Grid fleece inside / Mesh lining in sides and inside pockets / Zip to top of collar with inside placket / Fleece-lined collar / Front pockets with zip / Elastic thumb grip / ePTFE membrane / Breathability RET≤8 / OEKO-TEX® certified.

MATERIAL 95% polyester, 5% polytetrafluoroethylene, 3-layer WINDSTOPPER® material. Lining 100% polyester. WEIGHT Outer fabric 275 g/m², lining 88 g/m² COLOUR 982 Black/Hi-Vis Yellow. SIZE XS-3XL.











# PROTECTS AGAINST THE COLD, WET, WIND AND SNOW

- · Waterproof
- Windproof
- Breathable

Fristads Kansas Airtech® is a water and windproof material that protects against the cold, wind and snow. The material is also breathable and keeps you dry and comfortable by allowing excess heat to escape. All exposed seams are taped.





#### 1 AIRTECH® 3-IN-1 JACKET 4816 GT

**ART. NR** 100815

Airtech® breathable, wind and waterproof / Outer jacket with taffeta lining / Lined inner jacket / Two-colour / Reinforced with nylon shoulder section / Concealed hood in collar / Zip with tag puller / Adjustable waistband / 2 chest pockets with internal pouch and flap / Pocket under flap with zip / Diagonal cut on front with side pockets integrated into seams / Inner jacket zips and buttons into outer jacket / Inside pocket with button / Inside mobile phone pocket with velcro fastening / Inside side pockets / Inner jacket pocket / Sleeve pocket with pencil stitching / Garment approved according to EN 343 class 3/1 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3.

MATERIAL 100% polyester. Lining in 100% polyester.

WEIGHT Outer fabric 142 g/m², lining 140 g/m².

COLOUR 540 Dark Navy, 576 Navy/Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red, 896 Grey/Black, 940 Black, 996 Black/Grey.





#### 2 AIRTECH® WINTER JACKET 4815 GT

**ART. NR** 100814

Airtech® breathable, wind and waterproof / Quilt lining in upper body and sleeves / Two-colour / Reinforced with nylon shoulder section / Concealed hood in collar / Zip with puller / Extended back / Adjustable cuffs and waistband / 2 chest pockets with internal pouch and flap / Pocket with zip and storm flap / Diagonal cut on front with side pockets integrated into seams / Inside pocket with button / Inside mobile phone pocket with velcro fastening / Sleeve pocket with pencil stitching / Contrast stitching / Garment approved according to EN 343 class 3/2 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3.

MATERIAL 100% polyester. Lining in 100% polyester.

WEIGHT Outer fabric 142 g/m², lining 140 g/m².
COLOUR 540 Dark Navy, 576 Navy/Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red,

COLOUR 540 Dark Navy, 576 Navy/Royal Blue, 676 Royal Blue/Navy, 866 Grey/Red, 896 Grey/Black, 940 Black, 996 Black/Grey.
SIZE XS-3XL.















#### 1 AIRTECH® JACKET 4916 GTT

**ARTICLE NO** 121651

 ${\sf Airtech} @ \ breathable, water and \ windproof / \ Fully \ lined / \ Fleece-lined \ collar / \ fleece-lined \ collar$  $Detachable\ lined\ hood\ with\ adjustable\ strap\ and\ drawstring\ /\ Front\ placket\ opening\ with\ zip\ to\ to\ p\ of\ collar\ and\ velcro\ fastening\ /\ 1\ front\ chest\ pocket\ with\ zip\ /\ 2\ front\ drawstring\ /\ pront\ pocket\ with\ zip\ /\ 2\ front\ pocket\ with\ zip\ pocket\ with\ zip\ pocket\ with\ zip\ pocket\ with\ zip\ pocket\ pocket\ pocket\ with\ zip\ pocket\ po$ pockets with zip / Map pocket with inside mobile phone pocket accessible from outside / 2 inside pockets / Zip in lining for easy embroidery and transfer / Adjustable drawstring at waist / Pre-shaped sleeves / Adjustable width at sleeve end / Elastic inner cuff with thumb grip / Reflective details at sleeves and back / Waterpillar  $10.000\,\text{mm/Garment approved according to EN 343 class 3/1 and EN 342.}$  Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3.

MATERIAL 100% polyester, breathable, wind and waterproof. Quilted lining: 100% Polyester. **WEIGHT** Outer fabric 150 g/m², lining 130 g/m². **COLOUR** 556 Navy/Hi-Vis Yellow, 984 Black/Hi-Vis Orange.











#### 2 AIRTECH® WINTER JACKET 4410 GTT

**ARTICLE NO** 115681

 $collar \, / \, Earpiece \, loop \, / \, Front \, zip \, with \, storm \, flap \, / \, Detachable \, hood \, with \, snap \, fastening \, and \, adjustable \, drawstring \, / \, Inside \, Napoleon \, pocket \, at \, left \, side \, under \, collaboration \, and \, collaboration \, c$ storm flap / Right side chest pocket with zip, leaving left side for logo / Zip pocket at left sleeve / Velcro-adjustable cuffs / Elasticated cuffs inside sleeves / Preshaped elbows / 2 inside pockets with button fastening / Mesh lining in armhole and sleeve end / 2 front pockets with zip / Reflective piping at sleeves, sides and at back / Extended back / Adjustable drawstring at hem / Quilted lining / Zip in lining to make embroidery and transfer easier / Garment approved according to EN 343 class 3/1 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3.

MATERIAL 100% polyester. Lining in 100% polyester. WEIGHT Outer fabric 150g/m<sup>2</sup>, lining 190 g/m<sup>2</sup>. COLOUR 397 Red/Black, 540 Dark Navy, 896 Grey/Black, 940 Black, 982 Black/Hi-Vis Yellow. SIZE XS-3XL.











#### 1 Airtech® Jacket 4906 GTT

**ARTICLE NO** 120963

Airtech® breathable, wind and waterproof / Detachable hood with adjustable strap and drawstring / 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 from outside / 2 front pockets with zip / Adjustable drawstring at hem / Ventilation panel at back / Extended back / 2 inside pockets, 1 with velcro fastening and 1 with zip / Zip in lining for easy embroidery and transfer / Mesh lining / Pre-shaped elbows / Adjustable width at sleeve end / Elastic inner cuff with thumb grip / Reflective print at sleeves, mid-back and at hood / Waterpillar 10.000mm / Approved according to EN 343 class 3/3.

MATERIAL Airtech®, 100% polyester, breathable, wind and waterproof. Lining: 100% polyamide. WEIGHT Outer fabric 150 g/m², lining 90 g/m².
COLOUR 556 Navy/Hi-Vis Yellow, 940 Black, 984 Black/Hi-Vis Orange. SIZE XS-4XL.











#### 2 AIRTECH® ECO JACKET 403 GTE

**ARTICLE NO** 100364

Airtech® ECO 3-layer polyester of which 41% is recycled / Water- and windproof material / Breathable / Exposed seams taped / Quilted lining / Zip to top of collar / Taped seams / Reflective piping / Ventilated under arms / Pre-shaped elbows / Adjustable cuffs / Elasticated cuffs inside sleeves / Extended back / Elasticated drawstring at waist / Detachable, adjustable hood / 2 front pockets with zip / Chest pocket with zip / 2 inside pockets with zip, 1 with earpiece slot / Map pocket with zip with inside mobile phone pocket and earpiece slot / Sleeve pocket with zip / Zip in lining to make embroidery and transfer easier / Garment approved according to EN 343 class 3/1 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3 / Waterpillar 10.000 mm / OEKO-TEX®

MATERIAL 100% polyester, Lining in 100% polyester. WEIGHT Outer fabric 250 g/m², lining 250 g/m² COLOUR 940 Black. SIZE XS-3XL





#### 3 AIRTECH® WINTER TROUSERS 2698 GTT

**ARTICLE NO 115682** 

Airtech® breathable, wind and waterproof / Elastic waistband / Zip fly / Higher at back / Detachable braces with fleece yoke at back / 2 front pockets with flap / 2 front pockets with bellows pleat / 1 back pocket with flap / Ruler pocket at right leg / CORDURA® reinforced and pre-shaped knees / Reflective piping around knee / CORDURA® reinforced inside leg ends / Snow gaiters with zip and adjustable leg ends / Waterpillar 10.000 mm / Garment approved according to EN 343 class 3/1 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3.

MATERIAL Airtech®, 100% polyester, breathable, wind and waterproof. Quilted lining 100% polyester. Reinforcement in 100% polyamide. WEIGHT Outer fabric 150 g/m². Lining 170 g/m². COLOUR 940 Black SIZE XS-3XL





#### 4 AIRTECH® WINTER TROUSERS 2699 GTT

**ARTICLE NO 116158** 

Airtech® breathable, wind and waterproof / Elastic waistband / Zip fly / Higher at back / Detachable braces with fleece yoke at back / 2 front pockets with flap / 2 front pockets with bellows pleat / 1 back pocket with flap / Ruler pocket at right leg / CORDURA® reinforced and pre-shaped knees / Reflective piping around knee / CORDURA® reinforced inside legends / Snow gaiter with zip and adjustable legends / Waterpillar 10.000 mm / Approved according to EN ISO 20471 class 1, EN 343 class 3/1 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3.

MATERIAL Airtech®, 100% polyester, breathable, wind and waterproof Quilted lining: 100% Polyester. Reinforcement in 100% polyamide. WEIGHT Outer fabric 150 g/m², lining 170 g/m². COLOUR 196 Hi-Vis Yellow/Black. SIZE XS-3XL.



#### DRESSED RIGHT FOR COLD WORKING DAYS









#### 1 AIRTECH® WINTER JACKET 413 GTX

**ARTICLE NO** 100366

Airtech® breathable, wind and waterproof / Nylon reinforcements / Zip to top of collar / Extended back / Adjustable elasticated cuffs / Drawstring at waist / Taped seams / Ventilated under arms / Zip in lining / 2 chest pockets with zip / 2 front pockets with zip / Inside map pocket with zip and inside mobile phone pocket with earpiece slot and loop  $\slash\hspace{-0.5em}/$ Zip in lining to make embroidery and transfer easier / Garment approved according to EN 343 class 3/2 and EN 342. Shell fabric meets class 3 for water vapour permeability: EN 343 class 3/3.

MATERIAL 100% polyamid. Lining in 100% polyester. Reinforcements in 100% nylon. WEIGHT Outer fabric 156 g/m², Lining 190 g/m² COLOUR 331 Red, 540 Dark Navy, 940 Black.













#### 3 AIRTECH® COVERALL 8624 GTX

**ARTICLE NO** 101077

Airtech® breathable, wind and waterproof / Side opening / Adjustable and detachable hood / Adjustable sleeves / 2 front pockets / 2 back pockets with flap / Sleeve pocket with flap / Leg pocket with flap / Phone pocket / 2 pen pockets / Legs with zip to knees / Pre-shaped knees / Knee pockets / Garment approved according to EN 343 class 3/1 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3.

MATERIAL 100% polyamide, fiber fur lining in 100% acryl, quilted lining in 100% polyester. WEIGHT Outer fabric 156 g/m², lining 180 g/m² COLOUR 576 Navy/Royal Blue, 996 Black/Grey. SIZE Regular: S-3XL.











#### 2 AIRTECH® WINTER COVERALL 812 GT

**ARTICLE NO 100362** 

Airtech® breathable, wind and waterproof / Fully lined / Taped seams / Fleece-lined collar / Detachable, lined hood / Two-way front zip to top of collar / Nylon reinforced shoulders, sleeves, knees and hip / 2 chest pockets with zip / Napoleon pocket with flapped zip / 2 front pockets / Elasticated drawstring at waist / Inside pocket / 2 back pockets with flap / Elasticated back / Folding rule pocket / Tool pocket / Leg pocket with flap and velcro fastening / Adjustable leg bottoms / Two-way zip down side of legs / Snow gaiter inside legs / Sleeve pocket with mobile phone pocket and pen pocket Elasticated cuffs inside sleeves / Reflective detailing on sleeves and legs / Approved according to EN 343 class 3/3.

MATERIAL 100% micropolyester, 100% polyester in lining, 100% nylon at reinforced parts. WEIGHT Outer fabric 142 g/m², Lining 160 g/m² COLOUR 940 Black.

SIZE Regular: S-2XL



#### **4 WINTER COVERALL 8613 EW**

**ARTICLE NO** 100824

Two colour / Plastic front zip / Pile-lined collar / Padded quilt lining in body / 2 chest pockets with flaps / 2 leg pockets with flaps at front / Back pocket with flap / 2 inside pockets / Mobile phone pocket and pen pocket on left sleeve / Folding rule pocket and pen pocket on right leg / Concealed rib at sleeve end / Plastic one-way zip on outside leg / Adjustable leg end with snap fastening / Detachable hood with drawstring and strap / Reflective piping on yoke / Approved according to EN 342.

MATERIAL 100% polyester. WEIGHT Outer fabric 200 g/m², lining 130 g/m². COLOUR 896 Grey/Black. SIZE Regular: XS-2XL.













#### 1 JACKET 4813 PP

#### **ARTICLE NO** 100809

Two-colour / Contrast stitching / Dirt, oil and water-repellent / Pile lining / Quilted silky lining in sleeves / Ribbed cuffs and waist / Pile lining in collar / Reflective detailing in side seams / 2 chest pockets with internal pocket and flap / Mobile phone pocket with zip and storm flap / Sleeve pocket with zip / Diagonal cut front with side pockets integrated into seams / Inside pocket / Approved according to

MATERIAL 100% polyester. Lining in 100% polyester.
WEIGHT Outer fabric 270 g/m², lining 370 g/m².
COLOUR 576 Navy/Royal Blue, 586 Navy/Grey, 676 Royal Blue/Navy, 781 Light Army Green/ Army Green, 866 Grey/Red, 965 White/Grey, 996 Black/Grey. SIZE XS-3XL.











#### 2 WAISTCOAT 505 PP

#### **ARTICLE NO** 100502

Zip to top of collar / Extended back / 2 chest pockets, 1 with 3 tool and pen pockets / 2 concealed chest pockets with zip / 2 front pockets with flap / 2 handwarmer pockets / Inside pocket / Earpiece loop / Zip in lining to make embroidery and transfer easier.

 $\label{eq:material} \textbf{MATERIAL} \ \ \text{Polydex}, 100\% \ \ \text{polyester}, dirt, oil \ \ \text{and} \ \ \text{water-repellent}. \ \ \text{Fur fibre lining}. \\ \textbf{WEIGHT} \ \ \text{Outer fabric} \ \ 270 \ \ \text{g/m}^2, \ \ \text{lining} \ \ 340 \ \ \text{g/m}^2.$ COLOUR 540 Dark Navy, 940 Black

















#### **3 PARKA 457 PP**

#### **ARTICLE NO** 100497

Two-way zip to top of collar / Detachable, lined hood / Mobile mobile phone earpiece loop / Adjustable drawstring at waist / Elasticated cuffs inside sleeves / Fibre fur lined collar / 2 hand-warmer pockets / Map pocket with inside mobile phone pocket / 2 front pockets with flap and 2 hand-warmer pockets / Sleeve pocket with mobile phone pocket and pen pocket / Sleeve pocket with zip / Inside pocket/zip in lining to make embroidery and transfer easier / Approved according to EN 342.

 $\label{eq:material} \textbf{MATERIAL} \ Polydex, 100\% \ polyester. dirt, oil and water-repellent. \ Quilted lining. \\ \textbf{WEIGHT} \ Outer \ fabric \ 270 \ g/m^2, lining \ 130 \ g/m^2.$ COLOUR 540 Dark Navy. SIZE S-3XL.









#### **4 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.

MATERIAL Polydex, 100% polyester, dirt, oil and water-repellent. Quilted lining. WEIGHT Outer fabric 270 g/m², lining 100 g/m². COLOUR 540 Dark Navy, 940 Black. SIZE C44-C62, C146-C156.









### **DURABLE AND DIRT REPELLENT FOR COLD WORKING DAYS**

Fristads Kansas Polydex is a tried-and-tested material that is very hardwearing and easycare. The garments are dirt, oil and water repellent and have a thermal guilted or pile lining.





### 1 WINTER JACKET 4420 PP

**ARTICLE NO 115684** 

Zip to top of collar / 2 chest pockets with flap and button fastening / Left chest pocket with pen pockets and inside D-ring / Inside chest pocket at right side with button fastening / Inside Napoleon pocket at left side under storm flap, with inside mobil phone pocket / Front pockets with side opening and button fastening / Sleeve pocket with zip / Elasticated cuffs inside sleeves / Front zip with storm flap / Fibre fur lining / Quilted lining in sleeves / Button adjustable waist / Extended back / Zip in lining to make embroidery and transfer easier / Approved according to

MATERIAL Polydex, 100% polyester, dirt, oil and water repellent. Fibre fur lining. Quilted lining in sleeves. **WEIGHT** Outer fabric 270 g/m², lining 370 g/m². **COLOUR** 540 Dark Navy, 896 Grey/Black, 940 Svart SIZE XS-3XL.





### **2 JACKET 464 PP**

**ARTICLE NO** 100498

Armoured-nylon reinforced shoulders and elbows / Zip to top of collar / Elasticated waistband and cuffs / Fibre fur lined collar / Zip in lining to make embroidery and transfer easier / Reflective piping at front and back / 2 chest pockets with zip / 2 front pockets with zip / Sleeve pocket with zip and pen pocket / Sleeve pocket with velcro fastening / 2 inside pockets / Earpiece loop /  $2\ \mbox{D-rings}$  / Approved according to EN 342.

MATERIAL Polydex, 100% polyester. dirt, oil and water-repellent. Quilted lining. Areas xposed to wear and tear reinforced with 100% polyamide. WEIGHT Outer fabric 270 g/m², lining 130 g/m². COLOUR 331 Red, 540 Dark Navy, 940 Black.

















### 1 JACKET 4861 PV

### **ARTICLE NO** 109924

Fibre fur lining in upper section / Quilted lining in sleeves and lower section / Zip to top of collar / Drawstring at hem / Reflective detail at back / 2 chest pockets with zip, 1 with mobile phone pocket and slot and loop for earpiece / 2 front pockets with button / Sleeve pocket with zip / 2 inside pockets, 1 with button, 1 with zip / Concealed ID-card pocket / Map pocket with zip / Zip in lining for easy embroidery and transfer / OEKO-TEX® certified.

MATERIAL Outer 80% polyester, 20% cotton. Ripstop reinforcement of 95% polyester, 5% spandex. Fibre fur and quilted lining.

WEIGHT Outer fabric 280 g/m2, lining 360 g/m2.

COLOUR 940 Black. SIZE XS-3XL.









### 2 WINTER JACKET 4819 EW

### **ARTICLE NO** 100822

Plastic front zip / Pile-lined body / 2 chest pockets with flaps / 2 lower handwarmer pockets / Mobile phone pocket and pen pocket on left sleeve / 2 inside pockets / Reflective piping on yoke / Heavy rib at hem and cuffs / Approved according to EN342.

MATERIAL 100% polyester. WEIGHT Outer fabric 200 g/m², lining 340 g/m². COLOUR 540 Dark Navy, 940 Black. SIZE XS-2XL.













### **3 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 (Teflon), Lining in 100% polyester fur fiber. **WEIGHT** Outer fabric 390 g/m², lining 280 g/m². **COLOUR** 541 Blue, 940 Black.



### 4 JACKET 478 PMV

### **ARTICLE NO** 100490

Zip to top of collar / Fibre fur lined collar / Chest pocket with zip / Chest pocket with button / 2 front pockets with button / Concealed ID-card pocket / Inside pocket with button / Inside mobile phone pocket with velcro fastening / Loop for earpiece / Adjustable hem and cuffs / Extended back / Zip in lining for easy embroidery / Approved according to EN 342.

MATERIAL 100% polyester, dirt, oil and water repellent. Quilted lining. WEIGHT Outer fabric 260 g/m², lining 160 g/m². COLOUR 900 White. SIZE XS-2XL.

















### 1 WINTER JACKET 4856 RTD

### **ARTICLE NO** 113861

Triple needle stitching / Fully lined and padded / Front zip with piping and inside flap / Pre-shaped elbows / Elbows reinforced with perforated polyamide / 2 chest pockets, 1 with zip, 1 with button / 2 handwarmer pockets with zip / 2 inside pockets / Extended back / Adjustable hem, with velcro fastening / Waterpillar 5000mm / Garment approved according to EN 343 class 3/2 and EN 342. Shell fabric meets class 3 for water vapour permeability; EN 343 class 3/3.

MATERIAL 53% polyester, 47% polyamide. Quilted lining. WEIGHT 220 g/m². COLOUR 940 Black, 942 Anthracite Grey.







### 2 QUILTED JACKET 4021 MEQ

### **ARTICLE NO** 122221

Windproof / Full zip at front / Fleece-lined collar / Hidden chest pocket with zip / 2 front pockets with zip / Elastic waist / Elastic cuff with thumb grip / Inside pocket.

MATERIAL 100% polyester. WEIGHT 330 g/m<sup>2</sup>. COLOUR 540 Dark Navy, 940 Black SIZE XS-3XL.











### **3 WINTER JACKET 4001 PRS**

### **ARTICLE NO** 113080

PU-coated / Quilted lining / Zip to top of collar / Detachable, adjustable and lined hood / 2 chest pockets with flaps / 2 front pockets with zips / 1 inside pocket / 1 sleeve pocket with flap / Adjustable strap on sleeves / Reflective piping on sleeves / Drawstring at bottom / Waistband with logo print / 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 XS-4XL, 940 Black XS-5XL.





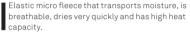














### 1 FLEECE PULLOVER HALF ZIP 7450 PRKN

**ARTICLE NO** 114031

Melange fabric / Flatlock stitch / Nylon reinforced with ripstop at shoulders and sleeves / Half zip at front / Pockets at front reinforced with rivets / Reflective detail at right sleeve and bottom back.

MATERIAL 100% polyester, brushed inside. WEIGHT 300 g/m $^2$ . COLOUR 397 Red/Black, 597 Blue/Black, 896 Grey/Black. SIZE XS-3XL.











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### 2 37.5° JACKET 4825 FCY

**ARTICLE NO** 100960

 ${\sf Grid}\ {\sf fleece}\ /\ {\sf Raglan}\ {\sf sleeve}\ /\ {\sf Flatlock}\ {\sf stitching}\ {\sf detail}\ /\ {\sf Right}\ {\sf chest}\ {\sf pocket}\ {\sf with}\ {\sf zip}.$ MATERIAL 60% polyester 37.5™ by Cocona Technology, 33% polyester, 7% elastane. WEIGHT 272 g/m<sup>2</sup>

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











### **3 FLEECE 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

MATERIAL 100% polyester, brushed inside. WEIGHT 300 g/m². COLOUR 397 Red/Black, 597 Blue/Black, 896 Grey/Black.













### 4 SWEATSHIRT 792 PY

**ARTICLE NO** 100553

 ${\sf Polartec^{\circledcirc}\,Power\,stretch\,microfleece\,/\,Transports\,moisture/\,Highly\,breathable\,/}$ 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% spandex micro fleece. WEIGHT 230 g/m<sup>2</sup>. COLOUR 940 Black SIZE XS-4XI









### **AIRTECH**°

### 1 FLEECE JACKET 4411 FLE

**ARTICLE NO** 115683

Airtech® lining, breathable, wind and waterproof / Zip to top of collar with inside placket / 1 chest pocket with zip / 2 front pockets with zip / Inside mobile phone pocket and inside pocket with zip / Elastic at cuffs / Adjustable bottom hem with drawstring / Reflective details at back and front.

MATERIAL 100% polyester. WEIGHT Outer fabric 290 g/m², lining 160 g/m². COLOUR 540 Dark Navy, 896 Grey/Black, 940 Black. SIZE XS-3XL.



### 2 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 farbic 200g/m².
COLOUR 598 Svart/Grå, 940 Black, 896 Grey/Black. SIZE 598 Navy/Black, 896 Grey/Black XS-4XL. 940 Black



### 3 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 / Constrast stitching.

MATERIAL 100% polyester. WEIGHT 280 g/m<sup>2</sup>. COLOUR 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE 540 Navy, 941 Dark Grey XS-4XL. 940 Black XS-5XL.











### CORDURA

### 1 JACKET 401 BT

ARTICLE NO 100136

Zip to top of collar / Elasticated cuffs /CORDURA® reinforced elbows / Extended back / Reflective piping at front and back / 2 front pockets / Sleeve pocket with mobile phone pocket and pen pocket.

MATERIAL 100% polyester fleece. Yoke and sleeves outer material dirt, oil and water repellent 100% polyester. Quilted lining in sleeves. Elbows reinforced with 100% polyamide. WEIGHT Shell fabric 260 g/m², yoke and sleeve fabric 235 g/m². COLOUR 540 Dark Navy. SIZE S-3XL.



### 2 JACKET 762 P

**ARTICLE NO** 100461

Zip to top of collar / Thumb grip / Extended back / Reversible.  $\label{eq:material} \textbf{MATERIAL} \ 100\% \ polyester, fur fibre. \ \textbf{WEIGHT} \ 320 \ g/m^2.$ 

COLOUR 540 Dark Navy. SIZE XS-2XL.



### 3 SWEATER 759 PH

**ARTICLE NO** 100473

Woven reinforcement at elbows, front and back yoke / Short zip to top of collar / Chest pocket with zip / 2 side pockets / Elasticated waistband and cuffs.

MATERIAL Fur fibre of 70% acrylic, 30% polyester. Reinforcements on the elbows and on the back and front of the yoke of 65% polyester, 35% cotton. WEIGHT 300 g/m². COLOUR 910 Light Grey, 940 Black. SIZE S-3XL.



### 4 SWEATER 7418 WOP

**ARTICLE NO** 101034

Army-style / Rounded neck / Woven twill reinforcement on yoke and elbows / Woven twill epaulets / Woven twill pen pocket on left sleeve.

MATERIAL 80% wool,20% polyamide. WEIGHT 570 g/m². COLOUR 540 Dark Navy.
SIZE S-3XL.









### 1 JACKET 4810 PDQ

**ARTICLE NO** 100792

Red contrast lining / Ribbing on sleeves and collar / Zip at front / 2 front pockets.

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



### 2 SHIRT 7445 LF

**ARTICLE NO** 110077

Fully lined, checked flannel shirt / Snap fastening / Slit in side seam for easy movement / 2 chest pockets with buttons, one with pen pocket.

MATERIAL Outer fabric 100% cotton, lining 100% polyester.
WEIGHT Outer fabric 165 g/m², lining 120 g/m².

COLOUR 557 Blue/Yellow.









### **3 WAISTCOAT 5302 PDQ**

**ARTICLE NO** 101024

With red contrasting lining / Front zip / 2 front pockets / Inside pocket / Rib-knit collar.

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



### **4 KNITTED JACKET 7101 BLK**

**ARTICLE NO** 121627

Stretch windcheater lining / 5 gauge knit / Contrast stitching / Full zip / Chest pocket with zip / 2 front pockets with zip / 2 front pockets with zip / Ripstop reinforcement at shoulders and elbows / Ribknitted cuffs and hem.

MATERIAL 65% cotton, 35% acrylic. WEIGHT  $450~\text{g/m}^2$ . COLOUR 940 Black.



### **5 KNITTED SWEATER WITH ZIP** 7100 BLK

**ARTICLE NO** 110609

Stretch windcheater lining / Heavy knit / Contrast stitching / Half zip at neck / Chest pocket with zip / Ripstop reinforcement at shoulders and elbows / Rib-knitted cuffs and hem.

MATERIAL 70% cotton, 30% acrylic. WEIGHT 450 g/m². COLOUR 940 Black. SIZE XS-3XL.



### WINDPROOF AND WATER-REPELLENT, BREATHABLE JACKETS

A good soft shell jacket is the perfect allround garment, which can be worn nearly all year round. Our jackets are made from comfortable stretch materials that are windproof, water-repellent and are breathable.







### 1 SOFTSHELL JACKET 4500 SSM

**ARTICLE NO** 113979

Breathable, wind and water-repellent / Stretch quality / Embroidered Fristads Kansas logo at neck back / 1 chest pocket with zip at right front, mesh pocket bag / 2 front pockets with zip, mesh pocket bags / Adjustable drawstring at hem / Adjustable cuffs / Inside pocket with mesh / Inside fleece lining / OEKO-TEX® certified.

MATERIAL 100% polyester. WEIGHT 280 g/m².
COLOUR 545 Indigo Blue, 940 Black, 942 Anthracite Grey.
SIZE S-4XL.





### 2 SOFTSHELL JACKET 4119 SSR

**ARTICLE NO** 113930

Breathable, wind and water-repellent / Stretch quality / Reflective print Fristads Kansas logos / 1 chest pocket with zip at right front, mesh pocket bag / 2 front pockets with zip, mesh pocket bags / Adjustable drawstring at hem / Adjustable cuffs / Inside fleece lining / OEKO-TEX® certified.

MATERIAL 86% Polyester, 14% Polyurethane. WEIGHT 285 g/m².

COLOUR 299 Khaki/Black, 576 Navy/Royal Blue, 866 Grey/Red, 896 Grey/Black, 965 White/Grey, 996 Black/Grey.



### **3 JACKET 4807 SCM**

**ARTICLE NO** 100770

Windproof / Water-repellent / Breathable / Extended back / 2 front pockets / 2 inside pockets / Sleeve pocket / Chest pocket with zip and earpiece slot / Reinforcement on shoulders and sleeve ends.

MATERIAL 100% polyester. Backing in 100% polyester micro fleece. Reinforcement in 100% polyamide.
WEIGHT 360 g/m².

COLOUR 540 Dark Navy, 930 Grey, 940 Black.



### **COMFORTABLE WARM GARMENT AS LAYER 2** OR UNDERWEAR

Lightweight and flexible quilted garments with silky surface, which makes them easy to put on and take off. Perfect as warm layer 2 garment, for example, under a shell jacket or shell trousers. Also comfortable as underwear since the material warms while letting the moisture pass through. The jacket and the waistcoat have an extended back that can be tucked in.











Extended back that can be tucked in. Fastens with velcro strap on the inside of both the jacket and the waistcoat.





### 1 TROUSERS 2023 MTH

**ARTICLE NO** 100922

Adjustable waistband / Zip fly / 900 White color suitable for HACCP rules.

MATERIAL 100% polyester. WEIGHT 180 g/m<sup>2</sup>. COLOUR 540 Dark Navy, 900 White, 940 Black. SIZE XS-4XL







### **2 JACKET 4808 MTH**

**ARTICLE NO 100775** 

Front placket / Chest pocket with zip / Elasticated back / Extended back, foldable and attachable with velcro on the inside / Insulating.

MATERIAL 100% polyester. WEIGHT 180 g/m<sup>2</sup> COLOUR 540 Dark Navy, 940 Black. SIZE XS-4XL.



### **3 WAISTCOAT 5300 MTH**

**ARTICLE NO** 100711

Kidney protector / Elasticated back / Chest pocket. MATERIAL 100% polyester. WEIGHT 180 g/m². COLOUR 540 Dark Navy, 940 Black. SIZE XS-4XL.











- Merino wool and 37.5™
- · Soft, lightweight and flexible
- Warms while having a high breathability
- Dries very quickly
- · Absorbs sweat odours



- Elastic micro fleece
- Transports moisture
- High breathability
- Dries very quickly
- · High heat capacity







### 1 37.5° T-shirt 7710 MCY

**ARTICLE NO** 110310

Insulating merino wool and polyester fabric / Moisture wicking / Quick drying / Odour control / UV protection / Round neck / Rib-knitted cuffs / Flatlock stitching. MATERIAL 65% merino wool, 35% polyester 37.5™ by Cocona technology. WEIGHT 120 g/m². COLOUR 940 Black

SIZE XS-3XL.











### 2 37.5° Long Johns 7711 MCY

**ARTICLE NO** 110312

Insulating merino wool and polyester fabric / Moisture wicking / Fast drying / Odour control / UV protection / Rib-knitted cuffs / Flatlock stitching.

 $\textbf{MATERIAL}~65\%~\text{merino wool}, 35\%~\text{polyester}~37.5 ^{\text{TM}}~\text{by Cocona technology}.$ WEIGHT 120 g/m<sup>2</sup> COLOUR 940 Black. SIZE XS-3XL.









### **3 PPULLOVER 7078 PT**

**ARTICLE NO** 111570

 ${\sf Polartec^{\circledcirc}\ Power\ Stretch^{\circledcirc}\ micro\ fleece\ /\ Transports\ moisture\ /\ Breathable\ /\ Breathable\ /\ Brea$ Dries quickly / Insulating / Black with blue contrast seams / OEKO-TEX® certified. MATERIAL 56% polyester, 34% nylon, 10% spandex. WEIGHT 163 g/m<sup>2</sup> COLOUR 940 Black. SIZE XS-3XL









### 4 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% nylon, 10% spandex. WEIGHT 163 g/m<sup>2</sup>

COLOUR 940 Black. SIZE XS-3XL



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### **3-FUNCTION PC**

Soft tricot in polyester/cotton that both transports moisture and keeps you warm. Reverse side in polyester transports moisture. Layer 2 in airy polyester insulates and keeps you warm. Cotton outside absorbs moisture that then evaporates.

SET WITH LONG-SLEEVED T-SHIRT AND LONG JOHNS AS BASE LAYER



3-FUNCTION TRANSPORTS MOISTURE AND KEEPS YOU WARM





### 1 T-SHIRT 743 PC

**ARTICLE NO** 100468

Round neck / Long-sleeved / Extended back / Insulating / Moisture-wicking / Absorbent.

MATERIAL 58% polyester, 42% cotton. WEIGHT 205 g/m². COLOUR 940 Black. SIZE XS-4XL.



### 2 PULLOVER 742 PC

**ARTICLE NO** 100467

3 -function jersey - moisture wicking, isolating and absorbing material / High collar with short zip / Long-sleeved / Wide cuffs / Extended back.

MATERIAL 58% polyester, 42% cotton. WEIGHT 205 g/m². COLOUR 940 Black. SIZE XS-4XL.



### **3 LONG JOHNS 747 PC**

**ARTICLE NO** 100469

Elasticated waistband / Elasticated leg ends / Insulating / Moisture-wicking / Absorbent.

MATERIAL 58% polyester, 42% cotton. WEIGHT 205 g/m². COLOUR 940 Black. SIZE XS-4XL.



### 4 UNDERWEAR 7416 UE

**ARTICLE NO** 101031

Long-sleeved / Round-neck / Flatlock stitching detail in contrasting colour.

MATERIAL 100% polyester. WEIGHT 176 g/m².

COLOUR 940 Black.

SIZE XS-3XL.



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### 1-FUNCTION OF

Perfect as a base layer. Lightweight and flexible garments that transport moisture, have high breathability and dry very quickly.

- Adjusts to your body
- · Seamless, no chafing
- Transports moisture, high breathability and dries very quickly



### 1 T-SHIRT 787 OF

**ARTICLE NO** 100417

Moisture-wicking / Highly breathable / Quick drying / Long-sleeved / Round neck / Grey contrast seams.

MATERIAL 100% polyester. WEIGHT 160 g/m². COLOUR 940 Black. SIZE XS-3XL.



### 2 PULLOVER 789 OF

**ARTICLE NO** 100419

Moisture-wicking / Highly breathable / Quick drying / Long-sleeved / Polo-neck with zip / Grey contrast seams.

MATERIAL 100% polyester. WEIGHT 160 g/m². COLOUR 940 Black.



### **3 LONG JOHNS 788 OF**

**ARTICLE NO** 100418

Moisture-wicking / Highly breathable / Quick drying / No fly / Grey contrast seams.

MATERIAL 100% polyester. WEIGHT 160 g/m². COLOUR 940 Black. SIZE XS-3XL.



### 4 T-SHIRT 7402 FM

**ARTICLE NO** 110795

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.



### 5 LONG JOHNS 7403 FM

**ARTICLE NO** 110796

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.





### **FUNCTIONAL RAINWEAR IN COMFORTABLE STRETCH**

- 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 comfort
- Ventilation in coat and jacket
- Reflective detailing for enhanced visibility







### 1 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 3/2.

MATERIAL 65% Polyester, 35% Polyurethane. WEIGHT 200 g/m<sup>2</sup>







### 2 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 / Approved according to EN 343 class 3/2.

MATERIAL 65% Polyester, 35% Polyurethane. WEIGHT 200 g/m<sup>2</sup>

COLOUR 540 Dark Navy, 730 Green, 940 Black. SIZE 2XS-3XL.







### **3 RAIN TROUSERS 216 RS**

**ARTICLE NO** 100557

Polyurethane-coated "stretch" material / Detachable and adjustable braces / Elasticated waist / Belt loops / Folding ruler pocket / Adjustable legends / Approved according to EN 343

MATERIAL 65% Polyester, 35% Polyurethane. WEIGHT 200 g/m<sup>2</sup> COLOUR 540 Dark Navy, 730 Green, 940 Black. SIZE 2XS-3XL.







## MOMAN



### **COMFORTABLE AND FUNCTIONAL** WITH THE RIGHT FIT

In this chapter we'll be presenting garments produced for women – in terms of size and fit - for maximum comfort. Most products are available as exact equivalents to the men's models, while others, for example, the colourful craftsman garments, are only available for women.











### 1 SKIRT 6077 NAS, WOMEN

**ARTICLE NO** 116408

Garment washed / Contrast stitching / 2 loosehanging CORDURA® reinforced front pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / 2 front patch pockets / 2 back pockets / D-ring on belt loop / Length 46 cm in size C38 / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 275 g/m<sup>2</sup>. COLOUR 338 Pink, 531 Light Turquoise, 743 Washed Bright Green. SIZE C34-C50.











### 2 TROUSERS 2077 NAS, WOMEN

**ARTICLE NO** 110826

2 loose-hanging CORDURA® reinforced outside pockets, 1 with big pocket, 1 with 3 smaller pockets / 2 front patch pockets / 2 back pockets / Pre-shaped knees / D-ring on belt loop / Right CORDURA® reinforced leg pocket with pen holder, button and loop for sheath knife and folding rule pocket / Left leg pocket with flap and phone pocket / CORDURA® reinforced knee pockets with outside opening for height adjustable knee pads / Adjustable leg ends reinforced with CORDURA® / Contrast stitching / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 275 g/m<sup>2</sup>. COLOUR 338 Pink, 531 Light Turquoise, 743 Washed SIZE C34-C50













### 3 BIB'N'BRACE 1177 NAS, WOMEN

**ARTICLE NO** 116406

Garment washed / Pre-shaped knees / Zip at front / Chest pockets / Contrast stitching / 2 loose-hanging CORDURA® reinforced front pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / 2 front patch pockets / 2 back pockets / Right CORDURA® reinforced leg pocket with pen holder, button and loop for sheath knife and folding rule pocket / Left leg pocket with flap and mobile phone pocket / CORDURA® reinforced knee pockets with outside opening for height adjustable knee pads / OEKO-TEX® certified.

MATERIAL 100% cotton. WEIGHT 275 g/m² COLOUR 338 Pink, 531 Light Turquoise, 743 Washed Bright Green. SIZE C34-C50

















### 1 TROUSERS 2115 CYD, WOMEN

### **ARTICLE NO** 110317

Pre-shaped knees / Contrast seams / Double reinforced crotch seam / 2 loosehanging CORDURA® reinforced outside pockets, 1 with zip pocket, 1 with 3 smaller pockets and tool loop / 2 front pockets, 1 with phone pocket / 2 CORDURA® reinforced slanting back pockets / Right leg pocket with pen holder, button and loop for sheath knife and CORDURA® reinforced folding rule pocket / Left multifunction leg pocket with phone pocket, ID card pocket, zip pocket and large inside pocket with snap fastener / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA® reinforced leg end, adjustable with snap fasteners / Pockets reinforced with metallic rivets at stress points / Belt loop with D-ring / Reflective piping at leg ends / OEKO-TEX  $\!\!^{\circ}$  certified.

MATERIAL 60% cotton, 40% polyester. WEIGHT 330 g/m<sup>2</sup> COLOUR 540 Dark Navy, 900 White, 940 Black, 941 Dark Grey. SIZE C34-C50.















### 2 TROUSERS 253K FAS

### **ARTICLE NO** 100281

CORDURA® reinforced knee pockets / 2 tuckable, CORDURA® reinforced loosehanging pockets, 1 with extra pocket, 1 with 3 small pockets and tool loops / 2 large front and back pockets / Concealed ID-card pocket / Folding rule pocket / Pen pocket / Mobile phone pocket / Tool pocket / Leg pocket with flap / 2 hammer loops, 1 adjustable / Button and loop for sheath knife / OEKO-TEX $^{\circ}$  certified.

MATERIAL FAS®, Fristads Kansas 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.















### **3 PRO TROUSERS 240 PS25**

### **ARTICLE NO** 100543

Stretch quality / Pre-shaped knees / CORDURA® reinforced knee pockets with height-adjustable knee pads / 2 CORDURA® reinforced, tuckable, loose-hanging pockets, 1 with extra pocket, 1 with 3 smaller pockets and tool loops / 2 patch front pockets / 2 CORDURA® reinforced back pockets with gusset / Folding rule pocket with tool pocket / Pen pocket sewn onto right side seam / Leg pocket with mobile phone pocket / Hammer loop / D-ring / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, mechanical stretch, brushed inside. Knee pockets in 100% polyamide. WEIGHT 290 g/m². COLOUR 940 Black.











### 4 TROUSERS 259 BM

### **ARTICLE NO** 100121

Pre-shaped knees / CORDURA® reinforced knee pockets with opening for heightadjustable knee pads / 2 CORDURA® reinforced loose-hanging pockets, 1 with extra pocket, 1 with 3 small pockets / 2 large front pockets / 2 large, CORDURA® reinforced back pockets / Mobile phone pocket with flap / Folding rule pocket over side seam with tool holder and pen pocket / Leg pocket with flap with extra pocket with concealed ID-card pocket / Button and loop for sheath knife / D-ring/hammer loop / OEKO-TEX® certified.

MATERIAL 100% cotton twill. WEIGHT 300 g/m². COLOUR 900 White. SIZE C34-C50.























### 1 TROUSERS 2114 CYD, WOMEN

**ARTICLE NO** 110328

Pre-shaped knees / Contrast seams / Double reinforced crotch seam / 2 front pockets, 1 with phone pocket / 2 CORDURA® reinforced slanting back pockets / Right leg pocket with pen holder, button and loop for sheath knife and CORDURA® reinforced folding rule pocket / Left multifunction leg pocket with phone pocket, ID card pocket, zip pocket and large inside pocket with snap fastener / CORDURA® reinforced knee pockets with inside opening for height adjustable knee pads / CORDURA® reinforced leg end, adjustable with snap fasteners / Pockets reinforced with metallic rivets at stress points / D-ring on belt loop / Reflective piping at leg ends / OEKO-TEX® certified.

MATERIAL 60% cotton, 40% polyester. WEIGHT 330 g/m². COLOUR 900 Vit, 940 Black.











### 2 TROUSERS 278 P154

**ARTICLE NO** 100426

2 front pockets / 2 back pockets, 1 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 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton. WEIGHT 245 g/m<sup>2</sup> COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black, 941 Dark Grev. SIZE C34-C50.











### 3 TROUSERS 2117 LUXE, WOMEN

**ARTICLE NO** 121983

Contrast stitching / Semi-low waist / Saddleback cut / Zip fly / Reflective detailing on back of knees / Adjustable leg length with 5 cm hem allowance / 2 side pockets / Large leg pocket with flap - placed over side seam - with mobile phone pocket with flap and pen pockets / Double folding rule pocket - placed over side seam - with pen pocket / 2 back pockets, 1 with flap and snap fastening / Hammer loop / Leasing Laundry tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 65% polyester, 35% cotton, Luxe fabric. WEIGHT 295 g/m².
COLOUR 530 Royal Blue, 540 Dark Navy, 940 Black,

SIZE C34-C50









### **HIGH VISIBILITY**

Our women's range is available in all colour combinations, but only Hi-Vis Yellow/Navy is stocked. Other colours are manufactured following ordering – MTO (Make to order).



### MTO - MAKE TO ORDER

We do not stock the product; instead, we make it to order. The order must be for at least 2 garments per colour and size. The delivery time is approx. 5 weeks, apart from the lined jacket, where the delivery time is approx. 2 weeks.









### 1 WINTER JACKET 4131 PP, WOMEN

**ARTICLE NO** 119624

Polydex, dirt, oil and water-repellent / Fully lined / Reflective detail on shoulders / Front placket opening with zip to top of collar and snap fastening / Fleece lined collar / Microphone loops / Detachable lined hood with adjustment strap and drawstring / 1 bellowed chest pocket with flap and hidden snap fastening, ID-card holder and D-ring inside, 1 vertical pocket with zip / 1 chest pocket with zip / Map pocket with inside mobile phone pocket accessible from outside / 2 front pockets with zip / 2 inside pockets with zip / Adjustable hem with drawstring / Elastic inner cuffs with thumb grip / Adjustable width at sleeve end / Extended back / Zip in lining for easy embroidery and transfer / Approved according to EN ISO 20471 class 3 and EN 342 / Available as made to order solution.

MATERIAL 100% polyester, dirt, oil and water repellent. Quilted lining: 100% Polyester.

WEIGHT Outer fabric 270g/m², lining 130 g/m². COLOUR 171 Hi-Vis Yellow/Navv, YYY Tillverkas efter beställning: 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/ Navy, 396 Hi-Vis Red/Black. SIZE S-2XL.















**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 / Can be used with detachable lining 111194 / Approved according to EN ISO 20471 class 2 – sizes XS - M and class 3 – L - 3XL / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colours 196, 271, 396 available as make to order solution.

MATERIAL 80% polyester, 20% cotton, dirt, oil and water repellent. Other material in 65% polyester, 35% cotton. WEIGHT 300 g/m<sup>2</sup>.

COLOUR 171 Hi-Vis Yellow/Navy. Available as make to order solution: 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. SIZE XS-3XI



### 3

### 3 JACKET LINING 9923 PK, WOMEN

ARTICLE NO 111194

For use with jacket 111193, women.

MATERIAL 100% polyester, fur fibre. WEIGHT 280 g/m<sup>2</sup> COLOUR 540 Dark Navy. SIZE XS-3XL.

















### 1 TROUSERS 2129 PLU, WOMEN

### **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 plastic ID-card holder / Hammer loop/ CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Pre-shaped knees /CORDURA® reinforced knee pockets with inside opening for heightadjustable knee pads / CORDURA® reinforced leg ends / Approved according to EN ISO 20471 class 1 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colours 196, 271, 396 available as make to order solution.

MATERIAL 65% Polyester, 35% Cotton, dirt, oil and water repellent. Other material in 65% Polyester, 35% Cotton. Reinforcement in 100% Polyamide. WEIGHT 300g/m² COLOUR 171 Hi-Vis Yellow/Navy. Available as make to order solution: 196 Hi-Vis Yellow/ Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black.













### 2 TROUSERS 2125 PLU, WOMEN

### **ARTICI F 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 plastic ID-card holder / Hammer loop / CORDURA®-reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Reinforced thigh panels in contrast colour / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA®-reinforced leg ends / Approved according to EN ISO 20471 class 1 - size C34-C40 and class 2 - size C42-C52 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colours 196, 271, 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/m<sup>2</sup> COLOUR 171 Hi-Vis Yellow/Navy. Available as make to order solution: 196 Hi-Vis Yellow/Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. SIZE C34-C52.









### 3 TROUSERS 2135 PLU, WOMEN

### **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 plastic ID-card holder / Hammer loop/CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Reinforced thigh panels in contrast colour / Pre-shaped knees / CORDURA®-reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA®-reinforced leg ends / Approved according to EN ISO 20471 class 1 - size C34-C40 and class 2 - size C42-C52 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colours 196, 271, 396 available as make to order solution.

 $\label{eq:material} \textbf{MATERIAL}~80\%~Polyester, 20\%~Cotton, dirt, oil and water repellent.~0 ther material in 65\%~Polyester, 35\%~Cotton.~Reinforcement in 100\%~Polyamide.~\textbf{WEIGHT}~300g/m^2.$ COLOUR 171 Hi-Vis Yellow/Navy. Available as make to order solution: 196 Hi-Vis Yellow/ Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black.













### 4 TROUSERS 2139 PLU, WOMEN

### **ARTICLE NO** 111192

2 front pockets / D-ring at waistband / 2 back pockets / Leg pocket with flap and velcro fastening, phone pocket with flap and velcro fastening, D-ring and plastic IDcard holder / Hammer loop / CORDURA® reinforced folding rule pocket with tool pocket, 2 buttons and loops for 2 sheath knifes / Pre-shaped knees / CORDURA® reinforced knee pockets with inside opening for height-adjustable knee pads / CORDURA® reinforced leg ends / Approved according to EN ISO 20471 class 1 / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified / Colours 196, 271, 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. Available as make to order solution: 196 Hi-Vis Yellow/ Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black. SIZE C34-C52









### FLAME PROTECTION

We are now introducing women's models of three selected anti-flame products. These garments for women are not stocked, instead they are made following ordering - MTO (Make to order).



### MTO - MAKE TO ORDER

We do not stock the product; instead, we make it to order. The order must be for at least 2 garments per colour and size. The delivery time is approx. 5 weeks.























### 1 TROUSERS 2775 ATHS, WOMEN

**ARTICLE NO** 122196

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 CORDURA®-reinforced back pockets one with flap / Leg pocket with flap and concealed snap fastening, phone pocket with flap and velcro fastening, D-ring and plastic ID-card holder / 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 for heightadjustable knee pads / CORDURA® reinforced leg ends / Metalfree garment / Detachable ID-card holder contains metal / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10,5 cal/cm² HAF: 81,4%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 class 2 / 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























### 2 TROUSERS 2776 ATHS, WOMEN

Article no 122197

Dirt, oil and water-repellent / 2 front pockets / D-ring at waistband / Double reinforced crotch seam / 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 and plastic ID-card holder / 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 for heightadjustable knee pads / CORDURA® reinforced leg ends / Metalfree garment / Detachable ID-card holder contains metal / 2-needle stitching on reflective tape / Adjustable leg length with 5 cm hem allowance / Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10,5 cal/cm2 HAF: 81,4%, EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6] and FN ISO 20471 cl 1 / Leasing laundrytested 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















### 3 JACKET 4275 ATHS, WOMEN

**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 / Metal free garment Approved according to EN 61482-1-2 class 1, EN 61482-1-1 EBT: 10,5 cal/cm<sup>2</sup> HAF: 81,4% EN ISO 11612 A1 B1 C1 F1, EN 1149-5, EN 13034 Type PB [6] and EN ISO 20471 class 2 - sizes XS M and class 3 - L - 3XL / Leasing laundry-tested according to ISO 15797 / OEKO-TEX® certified.

MATERIAL 45% modacrylic, 35% cotton, 18% polyamide, 2% antistatic fibre, WEIGHT 300 g/m<sup>2</sup>. COLOUR 171 Hi-Vis Yellow/Navy SIZE XS-3XL



























**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. WEIGHT 230 g/m<sup>2</sup>. COLOUR 940 Black. SIZE XS-XI











### 2 T-SHIRT HEAVY WOMEN **CODE 1917**

**ARTICLE NO** 100245

Close fit with side seams / Pre-shrunk and ring-spun cotton / Single jersey / OEKO-TEX® certified.

MATERIAL 100% cotton (Grey melange 85% cotton, 15% viscose). WEIGHT 190 g/m2. COLOUR 331 Red, 540 Dark Navy, 900 White, 910 Light Grev. 940 Black.







### 3 BRA 7036 MOF

**ARTICLE NO** 121643

Racer back / Dubble 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) and EN 1149-5.

MATERIAL 58% modacrylic, 37% cotton, 3% elastane and 2% beltron. WEIGHT 240 g/m<sup>2</sup>. COLOUR 940 Black.









**4 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) and EN 1149-5.

MATERIAL 58% Modacryl, 37% Cotton, 3% Elastan and 2% Beltron. WEIGHT 240 g/m<sup>2</sup>. COLOUR 940 Black. SIZE S-XL.











### **5 HEAVY PIQUÉ WOMEN CODE 1723**

**ARTICLE NO** 100221

Flat knit collar and cuffs / 4-matching colour button placket / Pre-shrunk, ring-spun and combed cotton / Tailored fit / Side vents / OEKO-TEX® certified.

MATERIAL 100% cotton, (grey melange 90% cotton/ 10% viscose). WEIGHT 230 g/m². COLOUR 331 Red, 540 Dark Navy, 900 White, 910 Light Grey, 930 Grey, 940 Black

















### 1 TROUSERS 2194 FAS

**ARTICLE NO** 100277

Adjustable waist with button strap / Nail pockets, 1 with tool loops / Front pockets / Back pockets / Folding rule pocket / Leg pocket with flap and velcro fastening / Pre-shaped knees / CORDURA® reinforced knees and leg ends / Reflective details at leg end / Folding rule comes with the trousers / OEKO-TEX®

MATERIAL FAS®, Fristads Kansas best twills, 100% cotton. Reinforcements in 100% polyamide. WEIGHT 375 g/m². COLOUR 982 Black/Hi-Vis Yellow. SIZE 98/104, 110/116, 122/128, 134/140, 146/152.









### 2 JACKET 4062 P

**ARTICLE NO** 122223

Zip to bottom of collar / Thumb grip / Extended back.

MATERIAL 100% polyester, fur fibre. WEIGHT 320 g/m². COLOUR 540 Dark Navy. SIZE 98/104, 110/116, 122/128, 134/140, 146/152,









### **3 JACKET 4759 SK**

**ARTICLE NO** 100582

Zip to top of collar / Zip cover / 2 front pockets / Inside pocket with zip / Elasticated cuffs and hem / Reflective triangles at front and back.

MATERIAL 100% polyester, windproof and water repellent. WEIGHT 285 g/m².
COLOUR 941 Dark Grey.
SIZE 98/104, 110/116, 122/128, 134/140, 146/152.







### **OUR CLOTHING FOR** KIDS HAS THE SAME **BASIC CONCEPT AS OUR OTHER WORKWEAR-DURABILITY, COMFORT AND FUNCTION**





### 1 TROUSERS 2597 NAS

**ARTICLE NO** 100411

Zip fly / 2 front pockets / 2 back pockets / Folding rule pocket / Tool pocket / Hammer loop / Knees reinforced with CORDURA® / Waistband with loops / OEKO-TEX® certified.

MATERIAL 100% cotton. Knees reinforced with 100% polyamide. WEIGHT 275 g/m².

SIZE 98/104, 110/116, 122/128, 134/140, 146/152.





### SIZE GUIDE

### **GUIDE TO THE RIGHT SIZE.** SEE OUR SIZE TABLE FOR MEASUREMENTS.

3-4 years 5-6 years 7-8 years 9-10 years 11-12 years 98/104 110/116 122/128 134/140 146/152







### 2 TROUSERS 2597 NAS

**ARTICLE NO** 100410

Zip fly / 2 front pockets / 2 back pockets / Folding rule pocket / Tool pocket / Hammer loop / Knees reinforced with CORDURA® / Waistband with loops / OEKO-TEX® certified.

MATERIAL 100% cotton. Knees reinforced with 100% polyamide. WEIGHT 275 g/m². COLOUR 541 Blue. SIZE 98/104, 110/116, 122/128, 134/140, 146/152.





# TOOL BELTS



### MAKE YOUR LIFE EASIER

With the right equipment, you have your most important tools close to hand, while you relieve your body at the same time. We have complete, ready-to-use tool belts in various sizes, models and materials. You can also create your own tool belt using our Ergo system. A system that has been developed to provide increased relief for your back and shoulders, at the same time as it is flexible, so you can choose the pockets and accessories you need. We have focused on a range with selected functional products. Everything to make your life easier.





### **TOOL BELT 9336 LTHR**

**ARTICLE NO** 100901

For carpenters, electricians, fitters etc / 60 mm padded belt with metal buckle / Rivet reinforced / 4 loose-hanging pockets / 4 tool pockets / Plastic hammer loop / 2 sheath knife holders / Tool holder / Marking string holder / Can be ordered in left hand version / Made in Sweden.

MATERIAL Heavy duty leather COLOUR 940 Black.

SIZE One size (Belt length 122 cm).



**MADE IN SWEDEN** 

All our black leather products are made in Sweden.



### 1 TOOL BELT 9140 LTHR

**ARTICLE NO** 114154

For electricians / 60 mm padded belt with metallic buckle / Reinforced with rivets / 2 loose-hanging pockets / 2 tool pockets with 5 pockets for screwdrivers, sheath knife and tape holders / Pocket for folding rule or small cordless screwdriver / 3 pockets for insulated pliers, etc / Plastic hammer loop / Marking string holder / Made in Sweden.

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



### 2 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 H170xW140xD80mm / Small pocket H120xW140xD60mm / Wide folding rule pocket / Pen pocket / Loother hamper loon

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



### 3 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.

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



### 4 TOOL BELT 9321 LTHR

**ARTICLE NO** 100076

For the handy man, carpenters etc / 4 pockets for nails and screws / Big pockets H170xW175xD85mm / 7 small tool pockets / Small pockets H100xW110xD35mm / Tape measure or markets string holder / 2 hammer loops / Rivet reinforced / 40 mm nylon belt / Side-release buckle.

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



### **5 TOOL BELT 9320 CANV**

**ARTICLE NO** 100075

For the handy man, carpenters etc / 3 pockets for nails and screws / Wide folding rule and tool pocket / Big pockets H190xW140xD90mm / Small pockets H110xW140xD50mm and H180xW60xD40mm / Pen pocket / Leather hammer loop / Rivet reinforced / 40 mm nylon belt / Metallic buckle.

MATERIAL 100% cotton. COLOUR 940 Black. SIZE One size (Belt length 122 cm).

### SNIKKI ERGO SYSTEM -MAKE YOUR OWN TOOL BELT

- 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.

### A

### **ADVANTAGES OF THE ERGO SYSTEM**

- Ergonomic design safes your back, shoulders and neck.
- Gives a 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.





OTHER BELTS AND BRACES, PAGES 213-214



### 1 TOOL BRACES 9332 PPL

**ARTICLE NO** 100897

For use with Ergo or other toolbelts / Vestsuspenders / Back net panel for ventilation / Partly straps elasticated back and front / 2 pen pockets / 2 Quick-snap pocket holders / Adjustable length / Heavy-duty clips.

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

### 2 BELT 9343 POLY BELT 9369 POLY BELT 9370 POLY

**ARTICLE NO** 9343 POLY: 100910 9369 POLY: 100911 9370 POLY: 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.

MATERIAL Polyester/polyeten foam.
COLOUR 940 Black.
SIZE L - Length 135 cm: 9343 POLY, 100910
M - Length 125 cm: 9369 POLY, 100911
S - Length 115 cm: 9370 POLY, 100912

### 3 BELT 9319 LTHR LTHR

**ARTICLE NO** 100045

Base of the Ergo carrying system to relieve hips and waist / Prepared for attachment of suspenders or Ergo suspender / 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.

MATERIAL Heavy duty leather, split leather, polypropylen. COLOUR 940 Black.

SIZE S S(83-87cm), M (88-93cm), L (94-103cm), XL (>104cm).

















Suitable for article numbers 100286 Trousers 265K FAS and 100083 Trousers 265K AD see pages 28, 32.

### 1 MATERIAL POUCH 9303 LTHR

**ARTICLE NO** 100014

2 pockets for screws, nails etc / Big pocket H200xW160xD80mm / Small pocket H130xW140xD45mm / Sheath knife holder / Rivet reinforced / Quick-grip.

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

### 2 MATERIAL POUCH 9338 LTHR

**ARTICLE NO** 100903

Pocket for screws, nails, etc. / Rivet reinforced / Quick-grip.

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

### **3 TOOL HOLDER 9340 LTHR**

ARTICLE NO 100906

For reinforced steel workers, fitters etc / 1 pocket for nails, screws, tying wire etc / Big pocket H190xW160xD80mm / Small pockets H190xW60xD30mm & H100xW40xD50mm / 3 tool pockets / Sheath knife holder / Rivet reinforced / Quick-grip.

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

### 4 MATERIAL POUCH 9304 LTHR

**ARTICLE NO** 100015

2 pockets for screws, nails etc / Big pocket H200xW160xD80mm / Small pocket H130xW140xD45mm / Sheath knife holder / Rivet reinforced / Quick-grip / Made in Sweden.

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

### 5 TOOL HOLDER 9317 PPL

**ARTICLE NO** 100038

For gardening / Also suitable for many pliers and tools / Quick-snap.

MATERIAL Polyester-polyamide laminate. COLOUR 940 Black. SIZE One size.

### **6 HAMMER HOLDER 9311 LTHR**

**ARTICLE NO** 100032

Swinging cradle steel loop / Loop size W70xD45mm / Quick-grip.

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

### 7 HAMMER HOLDER 9310 PLST

**ARTICLE NO** 100031

Very light temperature and weather resistant hammer loop / Loop size W70xD45mm / Quick-snap. MATERIAL Moulded plastic. COLOUR 940 Black. SIZE One size

### 8 KNIFE HOLDER 9312 LTHR

**ARTICLE NO** 100033

For carpet and floor layers / 2 pockets for universal knives / H130xW50 / 50xD25mm / For trousers 100083 and 100286.

MATERIAL Leather. COLOUR 940 Black. SIZE One size.

### QUICK-GRIP - THIS IS HOW TO FASTEN ON OUR POUCHES AND HOLDERS

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



















### 1 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 / Reinforced with rivets / Quick-grip / Made in Sweden.

2 TOOL HOLDER 9306 LTHR

For electricians etc / 5 pockets for screw drivers,

sheath knife and tape holders / Pocket for folding

rule or small, cordless screwdriver / 3 pockets for insulated plier etc / Big pocket H150xW180xD30mm /

Small pockets H100mm / Hammer loop / Rivet

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

**ARTICLE NO** 100017

reinforced / Quick-grip. MATERIAL Heavy-duty split leather. COLOUR 240 Brown. SIZE One size.

### 4 TOOL HOLDER 9305 LTHR

**ARTICLE NO** 100016

**ARTICLE NO** 114156

MATERIAL Heavy-duty leather. COLOUR 940 Black.

SIZE One size.

MATERIAL Heavy-duty split leather. COLOUR 240 Brown.

**3 TOOL HOLDER 9142 LTHR** 

For electricians / 10 pockets for screwdrivers,

pliers, cutters, nippers, etc / Marking string

holder / Quick-grip / Made in Sweden.

For electricians, sheet metal workers, fitters etc / 10 pockets for screw drivers, pliers, cutters, nippers etc / Holder for sheath knife / Tape holder / Quick-grip.

SIZE One size.

### 5 TOOL HOLDER 9300 LTHR

**ARTICLE NO** 100011

For scaffolders, carpenters, fitters etc / 4 tool pockets / Hammer and sheath knife holder / Extra tool holder for Burton-key etc / Rivet reinforced / Quick-grip

MATERIAL Heavy-duty split leather. COLOUR 240 Brown.

### 6 TOOL HOLDER 9301 LTHR

**ARTICLE NO** 100012

For electricians, sheet metal workers, fitters etc / 4 tool pockets / Big pockets H200xW65xD30mm / Hammer and sheath knife holders / Extra tool holder / Quick-grip / Made in Sweden.

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



1







7





2















### 1 KNEE PADS 9125 KP

**ARTICLE NO** 121633

Lightweight / Very flexible / Thickness 16 mm / Width 165 mm / Length 290 mm, can be shortened 40 mm at the bottom / Sold in pairs.

MATERIAL 100% polyethylene. COLOUR 930 Grey. SIZE One size.

### 2 KNEE PADS 957 KT

**ARTICLE NO** 100393

Thickness 13 mm / Width 150 mm / Length 240 mm / Sold in pairs.

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

### **3 KNEE PADS 955 KS**

**ARTICLE NO** 100392

Thickness 25 mm / Width 150 mm / Length 240 mm / Sold in pairs.

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

### **4 KNEE PROTECTION 9395 KP**

**ARTICLE NO** 110107

Lightweight / Very flexible / 2-coloured / Thickness 20mm / Width 160mm / Length 245mm / Approved according to EN 14404 / Sold in pairs and in pack of 30 pairs / OEKO-TEX® certified.

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

### **5 REINFORCEMENT 958 KEV**

ARTICLE NO 100388

Reinforcement for e.g. knees, thighs and elbows / Heat-on (NB! Should only be heated on by professional retailers.) / Sold in pairs.

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

### 6 ID CARD HOLDER 993 PST

**ARTICLE NO** 100550

Attached with clips or snap hook / Sold in pack of 10. MATERIAL Plastic.

MATERIAL Plastic. COLOUR 940 Black. SIZE One size.

### 7 ID-CARD HOLDER 9130 P159

**ARTICLE NO** 122114

Attached with snap fastener / Sold in pack of 5 pcs.

MATERIAL 65% polyester, 35% cotton. WEIGHT 210 g/m². COLOUR 940 Black. SIZE One size.

### 8 BRACES 9323 PPPA

**ARTICLE NO** 100079

Elastic straps / Extra strong clips and length adjusters in antique brass finish / 50 mm webbing.

MATERIAL 60% polyester, 40% polyamide. COLOUR 940 Black.

SIZE One size.

### 9 BRACES 9322 PPPA

**ARTICLE NO** 100078

Partly elastic back straps / Extra strong clips and length adjusters in antique brass finish / 50 mm webbing with woven in logo.

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



















### 1 BELT 9372 LTHR

**ARTICLE NO** 100914

Antique silver buckle / Width 40 mm.

MATERIAL Leather. COLOUR 940 Black. SIZE One size (4x143cm).

### 2 BELT 9371 LTHR

ARTICLE NO 100913

Buckle in antique brass or antique silver / Width 40 mm.

MATERIAL Leather. COLOUR 240 Brown, 940 Black SIZE One size (4x122cm).

### 3 BELT 992 SK

**ARTICLE NO** 100583

Antique brass or antique silver slide buckle / Width 40 mm / Sold in single-pack and in pack of 10.

MATERIAL 100% polyamide. COLOUR 540 Dark Navy, 940 Black SIZE One size (4x120cm).

### 4 BELT 994 RB

**ARTICLE NO** 100556

Adjustable stretch belt / Silver slide buckle with bottle opener / 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 (4x120cm).

### 5 BELT 9122 CB

**ARTICLE NO** 117232

Webbing with embossed Fristads Kansas print / Iron buckle with Fristads Kansas logo engraved, bottle opener on the back / Length 120 cm / Width 40 mm.

MATERIAL 100% polyester. Iron buckle. COLOUR 940 Black. SIZE One size (4x120cm).

### 6 BELT 9342 STRE

**ARTICLE NO** 100909

For car industry, spraying works etc / Soft 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).

### 7 BELT 9950 STRE

**ARTICLE NO** 117258

Strong stretch material webbing with Fristads Kansas print / Rubber coated buckle with Fristads Kansas logo engraved / Adjustable length / Length 120 / Width 40mm.

MATERIAL 100% Polyester. Buckle with silicone coated alloy. COLOUR 940 Black.
SIZE One size.

### 8 BELT 9123 PB

**ARTICLE NO** 117233

Webbing in herringbone pattern and with Fristads Kansas print / Buckle with Fristads Kansas logo engraved / Length 120 cm / Width 40 mm.

MATERIAL 100% polyester. Buckle with alloy. COLOUR 520 Middle Blue, 942 Anthracite Grey. SIZE One size.

### 9 BELT 9999 FR

**ARTICLE NO** 117320

Flame retardent / Webbing / Buckle of polyamide 6.6 with Fristads Kansas logo engraved / Adjustable length / Length 130 cm / Width 38 mm / Approved according to EN ISO 11612 / Leasing laundry-tested according to ISO 15797.

MATERIAL 23% modacrylic, 19% cotton, 58% polyester. Buckle of polyamide 6.6. COLOUR 940 Black. SIZE One size.



















### 1 STRETCH FLEECE GLOVES 9102 STF

**ARTICLE NO** 113317

Stretch fleece / Brushed inside / Printed polyester grip dots in palm / Thumb and index fingers with smartphone touch.

MATERIAL 100% polyester. WEIGHT 230 g/m². COLOUR 940 Black. STORLEK S/M, L/XL.



### 2 GLOVES 982 FLH

**ARTICLE NO** 100341

Adjustable wrist size/rubber grip.

MATERIAL 100% polyester, micro fleece, treated to prevent fabric pilling, Padding of Thinsulate™. COLOUR 940 Black.
SIZE S/M-L/XL.



### 3 AIRTECH® GLOVES 981 GTH

ARTICLE NO 100365

Airtech®, breathable, wind and waterproof material / Adjustable wrist size / Reflective detailing / Rubber grip/acrylic cuffs.

MATERIAL 100% polyester. Thinsulate filling. COLOUR 940 Black.
SIZE S/M-L/XL.



### 4 COOLMAX® SOCKS 928 CMS

**ARTICLE NO** 100160

Breathable / Perspiration wicking / Quick dry / Sold in pairs and in pack of 5 pairs.

MATERIAL 70% polyester, Coolmax®, 27% polyamide, 3% elastane. COLOUR 940 Black. SIZE S (37-39), M (40-42), L (43-45).



### 5 SOCKS 927 SS

**ARTICLE NO** 100585

Rib-knitted leg / Terry soles / Sold in packs of 3 pairs.

MATERIAL 70% cotton, 29% polyamide, 1% elastane. COLOUR 940 Black.

SIZE S (35–38), M (39–42), L (43–46), XL (47-48)

### 6 SOCKS 980 SFA

**ARTICLE NO** 100580

Approved to EN ISO 14116 and EN 1149-5.

MATERIAL 40% modacrylic, 27% cotton, 20% polyamide, 6% elastane, 7% antistatic fibres.

Colour 540 Dark Navy.

Size S(37/39), M(40/42), L(43/45), XL(46/48).



### 7 SOCKS 929 US

**ARTICLE NO** 100622

Rib knitted reinforcement in soles / Elastane in shaft and foot for optimal fit / Warm and quick drying / Size knitted inside shaft.

MATERIAL 80% wool, 15% polyamide, 5% elastane. COLOUR 940 Black.

SIZE S (37-39), M (40-42), L (43-45), XL (46-47).



### **8 BOXERS 9329 BOX**

**ARTICLE NO** 100757

MATERIAL 95% cotton, 5% elastane. WEIGHT 170 g/m². COLOUR 940 Black. SIZE S-3XL.



### 9 NECKWARMER 9119 FL

**ARTICLE NO** 117231

Microfleece neckwarmer / Drawstring at top / Adjustable width at top.

MATERIAL 100% polyester. COLOUR 940 Black. SIZE One size.



### SUPPLEMENT YOUR WORKWEAR

We have developed a number of practical, functional and good-looking products to supplement your standard workwear. Knee pads, braces and belts make your life easier. We also have a wide range of beanies and caps to keep you warm, cool, flame protected, more visible or simply just good-looking. All you need to do is choose.













### 1 CAP 9107 SC

### **ARTICLE NO** 117234

Curved peak / Peak detailing / Adjustable width back with velcro strap / Fristads Kansas embroidered logo in matching colour at back.

MATERIAL 540 Dark Navy, 940 Black 100% cotton. 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red 60% cotton and 40% polyester.

COLOUR 130 Hi-Vis Yellow, 230 Hi-Vis Orange, 330 Hi-Vis Red, 540 Dark Navy, 940 Black.

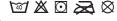


### 2 BANDANA 949 BNY

### **ARTICLE NO** 100126

 $\label{eq:Multifunctional bandana} \ \text{for head and neck}.$ 

MATERIAL 100% polyester.
WEIGHT Fleece 190 g/m², Y printed jersey 135 g/m².
COLOUR 940 Black.



### 3 CAP 9116 TWD

### ARTICLE NO 111554

Flat cap / Herringbone tweed / Elastic at back.

MATERIAL 80% polyester, 20% wool. WEIGHT 280 g/m².

COLOUR 941 Dark Grey.
SIZE S/M. L/XL.



### 4 CAP 9121 DC

### **ARTICLE NO** 117034

Baseball cap / Curved peak / Peak detailing with Fristads Kansas leather label and sticker at peak / Adjustable width / Back strap in plastic / Red and blue checked fabric on back of peak / Fristads Kansas details inside cap.

MATERIAL 100% cotton. COLOUR 545 Indigo Blue SIZE One size.



### 5 WINTER HAT 9105 GT

### **ARTICLE NO** 117230

Airtech® water and windproof winterhat / 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.













PROTECTED







### 1 BEANIE 9500 BFL

**ARTICLE NO** 117226

Basic beanie / Fleece lining.

MATERIAL 25% cotton, 75 % polyester. Fleece lining 100% polyester. COLOUR 540 Dark Navy, 940 Black, 941 Dark Grey. SIZE One size.



### 2 BEANIE 9111 BA

**ARTICLE NO** 117228

Knitted beanie / 2-coloured / Fristads Kansas embroidery detail.

MATERIAL 100% acrylic. COLOUR 581 Blue/Green, 996 Black/Grey. SIZE One size.



### **3 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% antistatic fibres.
COLOUR 9 is Black.



### **4 BEANIE 9114 BA**

**ARTICLE NO** 117229

Knitted beanie / Fristads Kansas logo embroidery at front / Baggy fit / Inside flatknit lining.

MATERIAL 100% acrylic. COLOUR 540 Dark Navy, 556 Navy/Hi-Vis Yellow, 930 Grey. SIZE One size.



### **5 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.



### 6 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.



### 7 BEANIE 580 AM

**ARTICLE NO** 100093

Double-knitted.

MATERIAL 100% acrylic. COLOUR 930 Grey. SIZE One size.



SEE ALL OUR PRODUCTS AT WWW.FRISTADSKANSAS.COM



## ACODE

Acode is our brand for functional profile wear. Garments created to make a difference in your working day, whatever you are working with and whatever the weather. The wide range gives access to everything from good-looking, dressy, functional garments to comfortable T-shirts and sweatshirts. We present here just a small selection. See the entire Acode collection on www.acodewear.com.











### 1 HEAVY PIQUÉ L/SLEEVE CODE 1722

### **ARTICLE NO** 100220

Flat knit collar and cuffs / 3-matching colour button placket / Side vents / Pre-schrunk, ring-spun and combed cotton.

MATERIAL 100% cotton (grey melange 90% cotton, 10% viscose). WEIGHT 230 g/m². COLOUR 530 Royal Blue, 540 Dark Navy, 930 Grey, 940 Black. SIZE Navy, Black, Dark Grey: XS-2XL. The rest of the colours: S-2XL.











### 2 HEAVY PIQUÉ W POCKET CODE 1721

### **ARTICLE NO** 100219

Flat knit collar and cuffs / 3-matching colour button placket / Pocket on left side / Pre-shrunk, ring-spun and combed / Side vents / OEKO-TEX® certified.

MATERIAL 100% cotton, (grey marl 90% cotton/10% viscose). WEIGHT 230 g/m². COLOUR 331 Red, 530 Royal Blue, 540 Dark Navy, 900 White, 910 Light Grey, 930 Grey, 940 Black.

SIZE Navy, Dark Grey and Black: XS-4XL. The rest of the colours: S-4XL.





### **3 HEAVY PIQUÉ CODE 1724**

### **ARTICLE NO** 100222

Flat knit cuffs and collar / 3-matching colour button placket / Side vents / Pre-shrunk, ring-spun and combed cotton /  $OEKO-TEX^{\oplus}$  certified.

MATERIAL 100% cotton, (grey melange 90% cotton/10% viscose). WEIGHT 230 g/m<sup>2</sup> COLOUR 331 Red, 530 Royal Blue, 540 Dark Navy, 900 White, 910 Light Grey, 930 Grey, 940 Black. SIZE Navy, Dark Grey and Black: XS-6XL. The rest of the colours: S-4XL.





### 4 HEAVY PIQUÉ WOMEN CODE 1723

### **ARTICLE NO** 100221

Flat knit collar and cuffs / 4-matching colour button placket / Pre-shrunk, ring-spun and combed cotton / Tailored fit / Side vents / OEKO-TEX® certified.

MATERIAL 100% cotton, (grey melange 90% cotton/10% viscose). WEIGHT 230 g/m². COLOUR 331 Red, 540 Dark Navy, 900 White, 910 Light Grey, 930 Grey, 940 Black. SIZE S-2XL.











### 1 T-SHIRT, CODE 1911

### **ARTICLE NO** 100239

Tubular construction, no side seams / Crew neck, 2-ply rib with elastane / Pre-shrunk and ring-spun cotton, single jersey / OEKO-TEX® certified.

MATERIAL 100% cotton (Grey melange 85% cotton, 15% viscose, Yellow 35% cotton, 65% polyester). WEIGHT 150 g/m².

COLOUR 131 Bright Yellow, 232 Bright Orange, 331 Red, 510 Light Blue, 530 Royal Blue, 540 Dark Navy, 900 White, 910 Light Grey, 930 Grey, 940 Black.

SIZE White, Navy, Dark Grey, Black: XS-6XL. Red: XS-4XL. The rest of the colours: S-4XL.













### 2 T-SHIRT HEAVY CODE 1912

### **ARTICLE NO** 100240

Tubular construction, no side seams / Crew neck, 2-ply rib with elastane / Pre-shrunk and ring-spun cotton / Single jersey / OEKO-TEX® certified.

MATERIAL 100% cotton (Grey Melange 85% cotton, 15% viscose, Yellow 35% cotton, 65% polyester). WEIGHT 190 g/m².

COLOUR 131 Bright Yellow, 232 Bright Orange, 331 Red, 530 Royal Blue, 540 Dark Navy, 740 Army Green, 900 White, 910 Light Grey, 930 Grey, 940 Black.

 $\textbf{SIZE} \ \textbf{White}, \textbf{Black}, \textbf{Navy}, \textbf{Dark} \ \textbf{Grey} : \textbf{XS-6XL}. \ \textbf{Royal Blue} \ \textbf{and} \ \textbf{Grey} \ \textbf{Melange} : \textbf{XS-4XL}. \ \textbf{The rest}$ of the colours: S-4XL.





### **3 T-SHIRT V-NECK CODE 1913**

### **ARTICLE NO** 100241

Tubular construction, no side-seams / V-neck, 2-ply rib with elastane / Pre-shrunk and ring-spun cotton / OEKO-TEX® certified.

MATERIAL 100% cotton (Grey melange 85% cotton, 15% viscose), single jersey. WEIGHT 150 g/m<sup>2</sup>

COLOUR 331 Red, 530 Royal Blue, 540 Dark Navy, 900 White, 910 Light Grey, 940 Black. SIZE S-2XL





### 4 T-SHIRT L/SLEEVE CODE 1914

### **ARTICLE NO** 100242

Tubular construction, no side-seams / Crew neck, 2-ply rib with elastane / Pre-shrunk and ring-spun cotton / Single jersey / OEKO-TEX® certified.

MATERIAL~100%~cotton~(Bright~Yellow~35%~cotton, 65%~polyester, Grey~melange~85%~cotton,15% viscose). WEIGHT 190 g/m $^2$ .

COLOUR 331 Red, 530 Royal Blue, 540 Dark Navy, 900 White, 910 Light Grey, 940 Black, 131 Bright Yellow, 232 Bright Orange SIZE S-2XL.















## ALL OUR T-SHIRT AND SWEATSHIRTS CAN NOW BE WASHED AT 60°



### 1 T-SHIRT HEAVY WOMEN CODE 1917

**ARTICLE NO** 100245

Close fit with side seams / Pre-shrunk and ringspun cotton / Single jersey / OEKO-TEX $^{\odot}$  certified.

MATERIAL 100% cotton (Grey melange 85% cotton, 15% viscose). WEIGHT 190 g/m².
COLOUR 331 Red, 540 Dark Navy, 900 White, 910 Light Grey, 940 Black.
SIZE S-2XL.



### 2 SWEATSHIRT WITH HOOD AND ZIP CODE 1736

**ARTICLE NO** 111843

Adjustable hood with drawstring / Front with pocket and full-length zip / Elastane rib at hem and cuffs / Comfortable brushed reverse.

MATERIAL 80% cotton, 20% polyester. WEIGHT 280 g/m². COLOUR 331 Red, 530 Royal Blue, 540 Dark Navy, 910 Light Grey, 930 Grey, 940 Black. SIZE XS-3XL.

### **3 SWEATSHIRT CODE 1734**

**ARTICLE NO** 100225

Round neck / Neck, collar, cuffs and hem in rib with elastane / Brushed inside.

MATERIAL 80% cotton, 20% polyester. WEIGHT 280 g/m². COLOUR 131 Bright Yellow, 331 Red, 530 Royal Blue, 540 Dark Navy, 740 Army Green, 900 White, 910 Light Grey, 930 Grey, 940 Black.

SIZE Navy, Dark Grey and Black: XS-6XL.
Bright Yellow: S-4XL. The rest of the colours: S-3XL.







### 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 order the garments that fit you and your demands.

VALUE ADDED SERVICES	224
SYMBOLS	227
GARMENT INDEX	228
ARTICLE NUMBER INDEX	246
COLOUR INDEX	254
SIZE GUIDE	256

### **VALUE ADDED SERVICES**

Our garments can be personalised in many different ways. We can help you with everything from logo embroidery to complete personalised workwear solutions. Please contact our customer services for further information.

### **LOGO PLACEMENT**

Here are some suggestions for where logos are normally placed.

- Bottom of the back
- On the back
- Left chest pocket
- Right chest pocket
- Upper left sleeve
- Upper right sleeve
- Left back pocket
- Right back pocket
- Left leg pocket
- Right leg pocket
- Left thigh
- Right thigh
- Chest pocket
- On the back of the collar
- Centre of the chest
- On front under neckband
- Above chest pocket
- On the calf (from top down)
- On the calf (from bottom up)















# FRISTADS KANSAS®

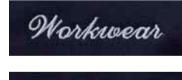
### **HEAT TRANSFERS**

Heat transfers give distinct prints with an increased level of detail in clear colours. We use high quality transfers (withstands industrial washing) to personalise garments with the customer's logo. You can order from 50 items based on original in vectorised EPS file. We can keep these in stock for later heat transfer

### **EMBROIDERY**

Embroidering straight onto the garment adds a touch of exclusivity, taking the overall impression up a notch. We embroider the customer's logo directly on to garments or, for example, name and title on to labels that can be sewn on to garments or fastened in place with velcro. We produce embroidery template based on original (vectorised EPS file) from customer.









### **NAME SIGNS**

We engrave name signs with personal names or company names in plastic, silver or brass. We can also print company logos if desired. Choose oval or rectangular, printed or cursive. White plastic signs can have blue, red, black or green text. Brass or silver signs have with black text. Brass signs can be made in black with brass coloured text. Max two text rows. Safety pins or magnets on the reverse.

### NAME EMBROIDERY

Embroidering people's names on their garments is an attractive way of labelling them. The standard height of the text is 10 mm. Choose one of the styles shown above, printed lettering or cursive, in the colour of your choice. The printed lettering can also be written in capitals.

### **NAME TRANSFER**

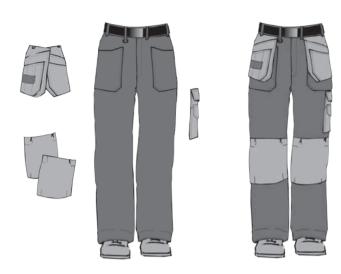
You can also clearly label your clothes with personal names. Max. width 10 cm. Titles and long names can be placed on two rows. Choose between different styles in the most common colours. Naturally, the name can also be printed in block capitals or as first and last name.

### **MODIFICATIONS**

Examples of ways of modifying Fristads Kansas' stocked garments for an additional cost. We can provide alterations to existing garments, e.g.:

- · Sewing on of extra reflective tapes
- Lengthening and shortening of 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! Please note we cannot make seam adjustments to water and windproof garments.

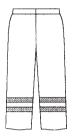


### **REFLECTIVE TAPES**

Reflective tape can be attached to finished garments as in the sketches for an additional cost. The reflective tapes are 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. PLEASE NOTE! Follow the washing instructions for the garment if they state a lower temperature.



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.



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.



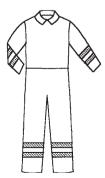
One strip of reflective tape around the sleeve and at the bottom of the back (L.  $25\,\mathrm{cm}$ ).

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: 0X 252. 25 mm reflective tape. VERSION: 0X 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** More information about certifications can be found on pages 142-147.

EN 61482	Electric arc "Box test". Certified protective clothing.	EN 13034	Liquid chemicals, limited protection. Certified protective clothing.
IEC 61482-2	Electric arc "Box and Open arc test". Certified protective clothing.	EN ISO 20471	High Visibility warning clothing. Certified protective clothing. Replaces EN 471.
EN ISO 11612	Heat and flame. Certified protective clothing.	EN 343	Rain. Certified protective clothing.
EN ISO 11611	Welding and allied processes. Certified protective clothing.	EN 342	Cold. Certified protective clothing.
EN ISO 14116	Flame, limited flame spread. Certified protective clothing.	EN 14404	Knee protection. Certified protective equipment.
EN 1149	Electrostatic properties, design requirements. Certified protective equipment.		

### **WASHING INSTRUCTIONS**

For more information on how to wash high visibility and flame protection garments see pages 88 and 147.

40	Washing, normal process, with specified temperature.	$\odot$	Tumble drying at max. 80° C, high temperature.		Ironing max 110° C, low temperature.
40	Washing, mild process, with specified temperature.	<b>O</b>	Tumble drying at max 60° C, low temperature.	$\bowtie$	Do not iron.
40	Washing, extra mild process, with specified temperature.		Do not tumble dry.	P	Professional dry cleaning in tetrachloroethene and all solvents listed for the symbol F, normal process.
<u></u> ۓ	Can be treated with chlorine bleach.		Iron at maximum sole-plate temperature of 200°C.	$\boxtimes$	Do not dry clean.
×	Do not bleach.		Iron at maximum sole-plate temperature of 150°C.		









396 Hi-Vis Red/Black.









396 Hi-Vis Red/Black

PAGE 99, 199

PAGE 99, 199

AIRTECH® WINTER TROUSERS 2035 GTT ART. NO 100994 SIZE XS-3XL.

GORE-TEX ® TROUSER 2988 GXB ART, NO 120986 SIZE XS-3XL PAGE



TROUSERS 2032 PLU

D84-D120.

ART. NO 100979 SIZE C44-C66, C146-C156,

TROUSERS 2129 PLU, WOMEN ART. NO 111190 SIZE C34-C52.

171 Hi-Vis Yellow Navy on stock. Make to order: 196 Hi-Vis Yellow/

Black, 271 Hi-Vis Orange/Navy, 396 Hi-Vis Red/Black.

PAGE

WINDSTOPPER® TROUSERS 246 GWR ART. NO 100371 SIZE C44-C60, C146-C156, D92-D120.

PAGE

104







WINTER TROUSERS 2034 PP SIZE XS-3XL.



TROUSERS 2001 TH ART. NO 100002 SIZE C44-C66, C146-C156, D92-D120.

PAGE

PAGE







PAGE



RAIN TROUSERS LEGGINGS 2620 RS ART. NO 114042 SIZE One size.

PAGE



TROUSERS 2094 ATHP ART. NO 111619 SIZE C44-C62, C146-C156, D84-D116.



TROUSERS 2075 ATHS ART. NO 109420 SIZE C44-C62, C146-C156, D84-D116.

PAGE



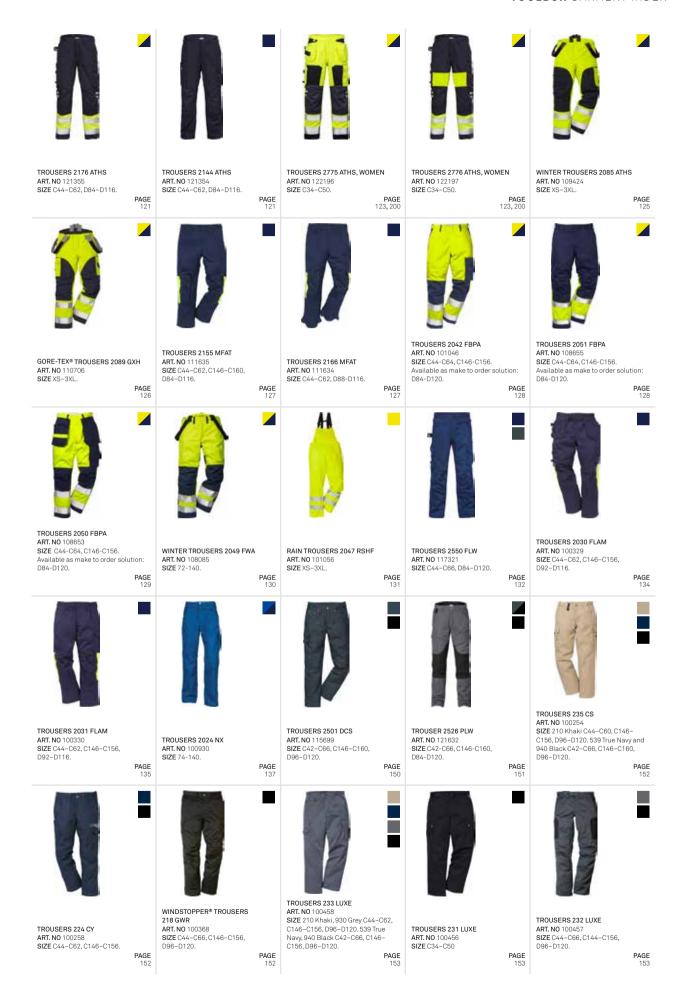
TROUSERS 2074 ATHS ART. NO 109417 SIZE C44-C62, C146-C156, D84-D116.

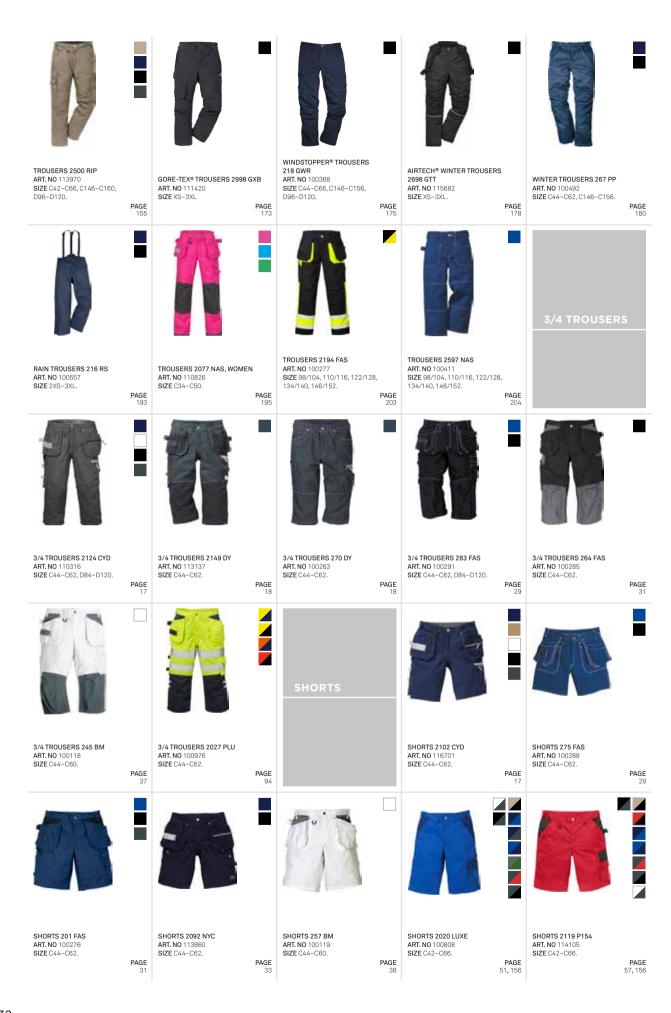


PAGE

TROUSERS 2625 RS ART. NO 111376 SIZE 2XS-3XL.

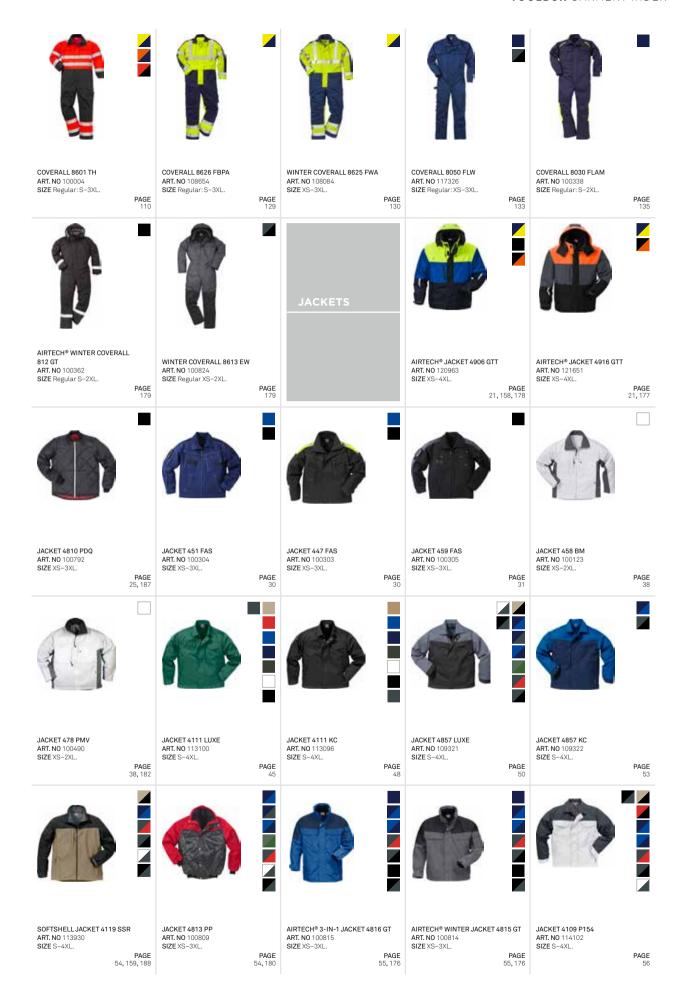
230



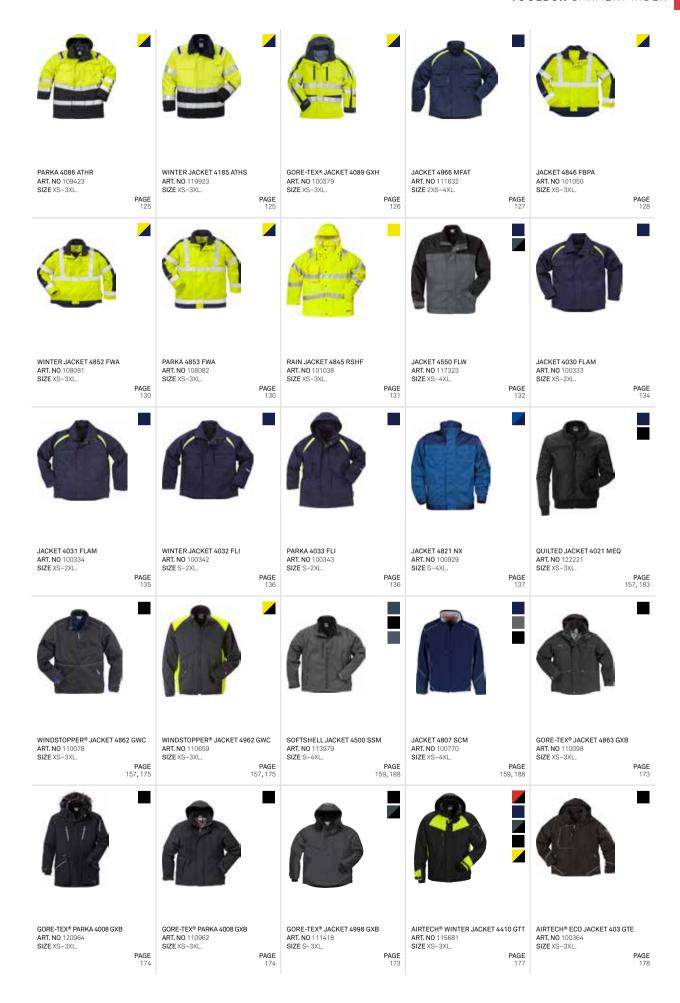










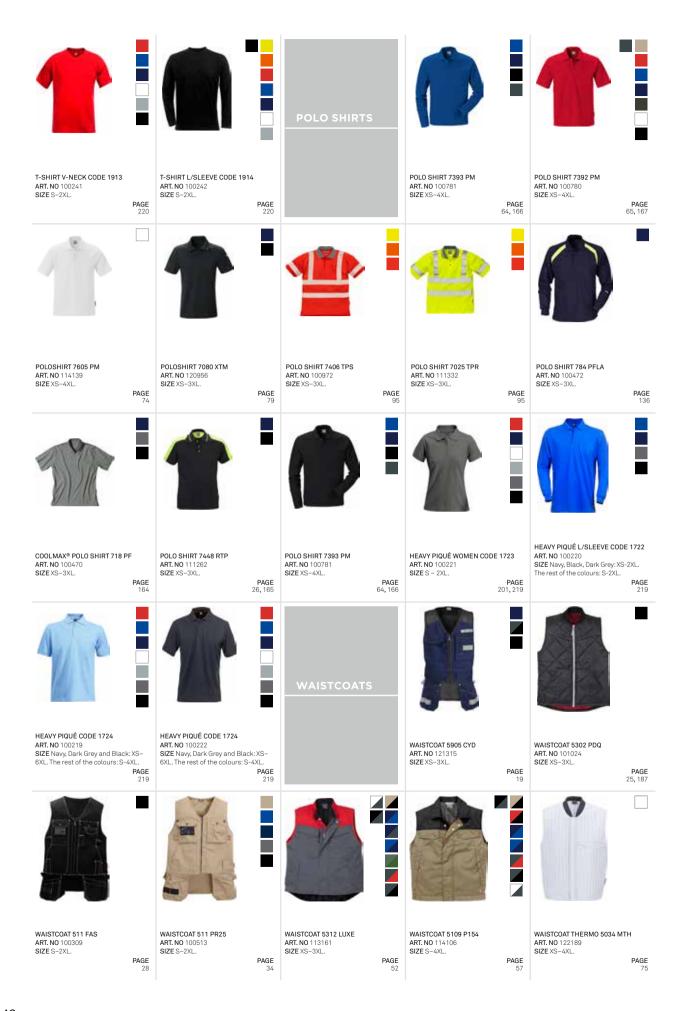


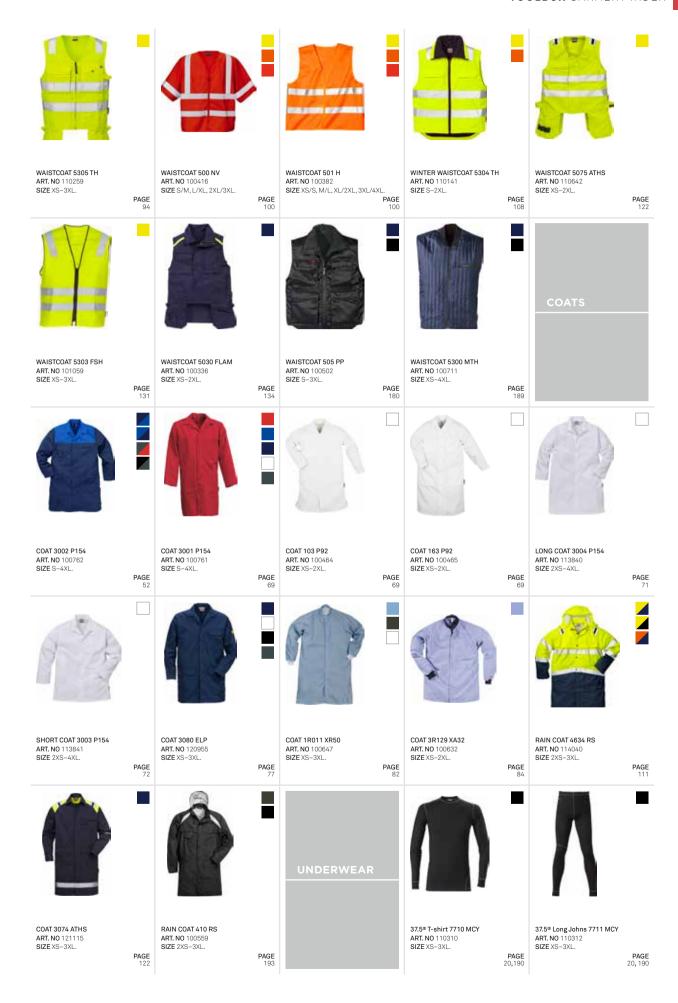














LONG JOHNS 7403 FM ART. NO 110796 SIZE XS/S, M/L, XL/2XL.		

ART. NO	PRODUCT NAME	PAGE
100001	JACKET 4794 TH	110
100002	TROUSERS 2001 TH	110
100003	BIB'N'BRACE 1001 TH	110
100004	COVERALL 8601 TH	110
100011	TOOL HOLDER 9300 LTHR	211
100012	TOOL HOLDER 9301 LTHR	211
100014	MATERIAL POUCH 9303 LTHR	210
100015	MATERIAL POUCH 9304 LTHR	210
100016	TOOL HOLDER 9305 LTHR	211
100017	TOOL HOLDER 9306 LTHR	211
100031	HAMMER HOLDER 9310 PLST	210
100032	HAMMER HOLDER 9311 LTHR	210
100033	KNIFE HOLDER 9312 LTHR	210
100038	TOOL HOLDER 9317 PPL	210
100045	BELT 9319 LTHR	209
100075	TOOL BELT 9320 CANV	208
100076	TOOL BELT 9321 LTHR	208
100078	BRACES 9322 PPPA	213
100079	BRACES 9323 PPPA	213
100082	TROUSERS 255K AD	32
100083	TROUSERS 265K AD	32
100085	BIB'N'BRACE 51 AD	32
100087	COVERALL 818 AD	68
100093	BEANIE 580 AM	217
100105	SHIRT 720 B60	63, 169
100107	SHIRT 721 B60	63, 169
100111	COVERALL 865 BCS	67
100117	SHIRT 720 BKS	63, 169
100117	3/4 TROUSERS 245 BM	37
100119	SHORTS 257 BM	38
100119	TROUSERS 258 BM	37
100121	TROUSERS 259 BM	37, 196
100122	TROUSERS 268 BM	37
100123	JACKET 458 BM	38
100125	COVERALL 58 BM	38
100126	BANDANA 949 BNY	216
100128	SHORTS 254 BPC	156
100134	SWEATSHIRT 728 BPV	97
100136	JACKET 401 BT	186
100160	COOLMAX® SOCKS 928 CMS	215
100219	HEAVY PIQUÉ W POCKET CODE 1721	219
100220	HEAVY PIQUÉ L/SLEEVE CODE 1722	219
100221	HEAVY PIQUÉ WOMEN CODE 1723	201, 219
100222	HEAVY PIQUÉ CODE 1724	219
100225	SWEATSHIRT CODE 1734	221
100239	T-SHIRT CODE 1911	220
100240	T-SHIRT HEAVY CODE 1912	220
100241	T-SHIRT V-NECK CODE 1913	220
100242	T-SHIRT L/SLEEVE CODE 1914	220
100245	T-SHIRT HEAVY WOMEN CODE 1917	201, 221
100253	TROUSERS 250 CORD	32
100254	TROUSERS 235 CS	152
100258	TROUSERS 224 CY	152
100262	TROUSERS 229 DY	18
100263	3/4 TROUSERS 270 DY	18, 150
100264	TROUSERS 273 DY	18, 150
100276	SHORTS 201 FAS	31
100277	TROUSERS 2194 FAS	203
100277	TROUSERS 247 FAS	30, 92

ART. NO	PRODUCT NAME	PAGE
100280	TROUSERS 250 FAS	29
100281	TROUSERS 253K FAS	29, 196
100282	TROUSERS 255K FAS	29
100285	3/4 TROUSERS 264 FAS	31
100286	TROUSERS 265K FAS	28
100288	SHORTS 275 FAS	29
100290	TROUSERS 280 FAS	67
100291	3/4 TROUSERS 283 FAS	29
100293	TROUSERS 288 FAS	31
100303	JACKET 447 FAS	30
100304	JACKET 451 FAS	30
100305	JACKET 459 FAS	31
100309	WAISTCOAT 511 FAS	28
100310	BIB'N'BRACE 51 FAS	28
100319	COVERALL 880 FAS	68
100320	COVERALL 881 FAS	68
100328	BIB'N'BRACE 0030 FLAM	134
100329	TROUSERS 2030 FLAM	134
100330	TROUSERS 2031 FLAM	135
100333	JACKET 4030 FLAM	134
100334	JACKET 4031 FLAM	135
100336	WAISTCOAT 5030 FLAM	134
100338	COVERALL 8030 FLAM	135
100341	GLOVES 982 FLH	215
100341	WINTER JACKET 4032 FLI	136
100342	PARKA 4033 FLI	136
100362	AIRTECH® WINTER COVERALL 812 GT	179
100364	AIRTECH® ECO JACKET 403 GTE	178
100365	AIRTECH® GLOVES 981 GTH	215
100366	AIRTECH® WINTER JACKET 413 GTX	179
100368	WINDSTOPPER® TROUSERS 218 GWR	152, 175
100369	WINDSTOPPER* JACKET 744 GWG	104
100371	WINDSTOPPER® TROUSERS 246 GWR	104
100379	GORE-TEX® JACKET 4089 GXH	126
100382	WAISTCOAT 501 H	100
100388	REINFORCEMENT 958 KEV	213
100392	KNEE PADS 955 KS	213
100393	KNEE PADS 957 KT	213
100401	SWEATSHIRT 783 LY	22, 163
100401	BIB'N'BRACE 0257 NAS, KIDS	204
100410	TROUSERS 2597 NAS, KIDS	204
100412	APRON 726 NAS	69
100413	COVERALL 875 NAS	68
100416	WAISTCOAT 500 NV	100
100417	T-SHIRT 787 OF	192
100417	LONG JOHNS 788 OF	192
100419	PULLOVER 789 OF	192
100415	TROUSERS 278 P154	59, 154, 197
100427	TROUSERS 280 P154	59, 154
100427	JACKET 480 P154	59
100434	BIB'N'BRACE 81 P154	61
100438	COVERALL 880 P154	60
100438		74
	CAP 560 P159	
100456	TROUSERS 231 LUXE	153
100457	TROUSERS 232 LUXE	153
100458	TROUSERS 233 LUXE	153
100461	JACKET 762 P	186
100464	COAT 103 P92	69
100465	COAT 163 P92	69

ART. NO	PRODUCT NAME	PAGE
100466	APRON 705 P92	74
100467	PULLOVER 742 PC	191
100468	T-SHIRT 743 PC	191
100469	LONG JOHNS 747 PC	191
100470	COOLMAX® POLO SHIRT 718 PF	164
100471	COOLMAX® T-SHIRT 918 PF	164
100472	POLO SHIRT 784 PFLA	136
100473	SWEATER 759 PH	186
100475	JACKET LINING 923 PK	101
100490	JACKET 478 PMV	38, 182
100492	WINTER TROUSERS 267 PP	180
100496	WINTER JACKET 444 PP	108
100497	PARKA 457 PP	180
100498	JACKET 464 PP	181
100502	WAISTCOAT 505 PP	180
100513	WAISTCOAT 511 PR25	34
100543	PRO TROUSERS 240 PS25	35, 196
100544	PRO TROUSERS 241 PS25	35
100545	PRO TROUSERS 242 PS25	34
100546	PRO TROUSERS 251 PS25	34, 152
100547	PRO TROUSERS 288 PS25	35
100548	PRO BIB'N'BRACE 41 PS25	34
100550	ID CARD HOLDER 993 PST	213
100553	SWEATSHIRT 792 PY	22, 161, 184
100556	BELT 994 RB	214
100557	RAIN TROUSERS 216 RS	193
100559	RAIN COAT 410 RS	193
100559	RAIN JACKET 432 RS	193
100578	SHIRT 733 SB	67, 162
100578	SHIRT 735 SB	
		67, 162
100580	SOCKS 980 SFA	141, 215
100581	SWEATSHIRT 984 SFLA	136
100582	JACKET 4759 SK BELT 992 SK	
100583		214
100585	SOCKS 927 SS	215
100622	SOCKS 929 US	215
100629	SHIRT 431 VL	25
100630	TROUSERS 2R011 XA32	84
100631	TROUSERS 2R123 XA32	84
100632	COAT 3R129 XA32	84
100634	CAP 5R012 XA32	84
100635	SHIRT 7R011 XA32	84
100636	COVERALL 8R011 XA32	84
100638	LONG JOHNS 2R014 XA80	85
100639	T-SHIRT 7R005 XA80	85
100640	T-SHIRT 7R014 XA80	85
100641	T-SHIRT 7R015 XA80	85
100646	SOCKS 6R013 XF85	83
100647	COAT IR011 XR50	82
100649	HOOD 5R181 XR50	83
100650	COVERALL 8R012 XR50	82
100651	COVERALL 8R013 XR50	82
100711	WAISTCOAT 5300 MTH	189
100731	SHIRT 7385 B60	62, 168
100732	SHIRT 7386 BKS	62, 168
100733	SHIRT 7387 B60	62, 168
100736	SHIRT 7388 KC	25
100757	BOXERS 9329 BOX	215
100761	COAT 3001 P154	69

ART. NO	PRODUCT NAME	PAGE
100762	COAT 3002 P154	52
100770	JACKET 4807 SCM	159, 188
100775	JACKET 4808 MTH	189
100779	T-SHIRT 7391 TM	65, 167
100780	POLO SHIRT 7392 PM	65, 167
100781	POLO SHIRT 7393 PM	64, 166
100782	SWEATSHIRT 7394 SM	65, 167
100792	JACKET 4810 PDQ	25, 187
100805	TROUSERS 2019 LUXE	50, 154
100806	BIB'N'BRACE 1009 LUXE	51
100807	COVERALL 8612 LUXE	52
100808	SHORTS 2020 LUXE	51, 156
100809	JACKET 4813 PP	54, 180
100812	BIB'N'BRACE 1009 KC	53
100813	TROUSERS 2019 KC	53
100814	AIRTECH® WINTER JACKET 4815 GT	55, 176
100815	AIRTECH® 3-IN-1 JACKET 4816 GT	55, 176
100822	WINTER JACKET 4819 EW	182
100824	WINTER COVERALL 8613 EW	179
100867	APRON 9330 LTHR	133
100868	APRON 9331 LTHR	133
100897	TOOL BRACES 9332 PPL	209
100898	TOOL BELT 9333 LTHR	208
100900	TOOL BELT 9335 LTHR	208
100901	TOOL BELT 9336 LTHR	207
100903	MATERIAL POUCH 9338 LTHR	210
100906	TOOL HOLDER 9340 LTHR	210
100909	BELT 9342 STRE	214
100910	BELT 9343 POLY	209
100911	BELT 9369 POLY	209
100912	BELT 9370 POLY	209
100913	BELT 9371 LTHR	214
100914	BELT 9372 LTHR	214
100921	SHIRT 7401 NXL	137
100922	TROUSERS 2023 MTH	75, 189
100929	JACKET 4821 NX	137
100930	TROUSERS 2024 NX	137
100931	BIB'N'BRACE 1012 NX	137
100960	37.5° JACKET 4825 FCY	20, 161, 184
100965	37.5° T-SHIRT 7404 TCY	20, 164
100966	37.5° T-SHIRT 7405 TCY	20, 164
100972	POLO SHIRT 7406 TPS	95
100973	T-SHIRT 7407 TPS	95
100974	TROUSERS 2025 PLU	91
100975	TROUSERS 2026 PLU	91
100976	3/4 TROUSERS 2027 PLU	94
100977	SHORTS 2028 PLU	94
100978	TROUSERS 2029 PLU	90
100979	TROUSERS 2032 PLU	90
100984	WINTER TROUSERS 2034 PP	109
100989	GORE-TEX® PARKA 4834 GXB	102
100994	AIRTECH® WINTER TROUSERS 2035 GTT	106
100995	AIRTECH® JACKET 4153 MPVX	105
100996	AIRTECH® TROUSERS 2153 MPVX	105
101005	SWEATSHIRT 7408 BPV	97
101006	SOFTSHELL JACKET 4840 SSL	96
101008	SHIRT 7409 SPC	96
101009	SWEATSHIRT 7410 BPV	97
101010	T-SHIRT 7411 TP	96
	l .	

ART. NO	PRODUCT NAME	PAGE
101017	COVERALL 8618 PLU	93
101018	BIB'N'BRACE 1014 PLU	93
101019	BIB'N'BRACE 1015 PLU	93
101024	WAISTCOAT 5302 PDQ	25, 187
101031	UNDERWEAR 7416 UE	191
101034	SWEATER 7418 WOP	186
101035	WINDSTOPPER® JACKET 4844 GWT	175
101038	RAIN JACKET 4845 RSHF	131
101046	TROUSERS 2042 FBPA	128
101050	JACKET 4846 FBPA	128
101056	RAIN TROUSERS 2047 RSHF	131
101059	WAISTCOAT 5303 FSH	131
101077	AIRTECH® COVERALL 8624 GTX	54, 179
101083	HOOD 5R011 XR50	83
104966	COVERALL 8R220 XR50	83
104985	SHIRT 7420 SO	162
104986	SHIRT 7421 MSF	25, 162
108081	WINTER JACKET 4852 FWA	130
108082	PARKA 4853 FWA	130
108083	WINTER HOOD 9390 FWA	131
108084	WINTER COVERALL 8625 FWA	130
108085	WINTER TROUSERS 2049 FWA	130
108652	BIB'N'BRACE 1022 FBPA	129
108653	TROUSERS 2050 FBPA	129
108654	COVERALL 8626 FBPA	129
108655	TROUSERS 2051 FBPA	128
109218	TROUSERS 2072 CYD	19
109321	JACKET 4857 LUXE	50
109322	JACKET 4857 KC	53
109417	TROUSERS 2074 ATHS	120
109419	BIB 'N' BRACE 1075 ATHS	121
109420	TROUSERS 2075 ATHS	119
109423	PARKA 4086 ATHR	125
109424	WINTER TROUSERS 2085 ATHS	125
109425	SHIRT 7074 ATS	122
109428	SWEATSHIRT 7076 SFLH	124
109430	FLEECE JACKET 4073 ATF	124
109842	SAFE T-SHIRT S/S 7431 UD	140
109843	SPIRIT LONG JOHNS 7432 UL, WOMEN	138, 201
109848	SAFE T-SHIRT L/S 7436 UD	140
109849	SAFE LONG JOHNS 7437 UD	140
109924	JACKET 4861 PV	182
110077	SHIRT 7445 LF	25, 162, 187
110078	WINDSTOPPER® JACKET 4862 GWC	157, 175
110098	GORE-TEX® JACKET 4863 GXB	173
110107	KNEE PROTECTION 9395 KP	213
110141	WINTER WAISTCOAT 5304 TH	108
110151	SWEATSHIRT 7446 BPV	97
110259	WAISTCOAT 5305 TH	94
110308	T-SHIRT 7906 TY	22, 165
110309	HOODED SWEATSHIRT WITH ZIP 7783 LYS	22, 163
110310	37.5° T-SHIRT 7710 MCY	20, 190
110312	37.5° LONG JOHNS 7711 MCY	20, 190
110313	TROUSERS 2122 CYD, MEN	16
110315	TROUSERS 2073 WY	19
110316	3/4 TROUSERS 2124 CYD	17
110317	TROUSERS 2115 CYD, WOMEN	16, 196
110317	TROUSERS 2123 CYD, MEN	16
110327	TROUSERS 2114 CYD, WOMEN	16, 197
	KNITTED SWEATER WITH ZIP 7100 BLK	24, 158, 187

ART NO	PRODUCT NAME	DACE
ART. NO		PAGE
110642	WAISTCOAT 5075 ATHS	122
110659	WINDSTOPPER® JACKET 4962 GWC	157, 175
110706	GORE-TEX® TROUSERS 2089 GXH	126
110736	T-SHIRT S/S 7073 TFLH	124
110795	T-SHIRT 7402 FM	192
110796	LONG JOHNS 7403 FM	192
110826	TROUSERS 2077 NAS, WOMEN	195
110962	GORE-TEX® JACKET 4999 GLL	174
111189	TROUSERS 2125 PLU, WOMEN	99, 199
111190	TROUSERS 2129 PLU, WOMEN	99, 199
111191	TROUSERS 2135 PLU, WOMEN	99, 199
111192	TROUSERS 2139 PLU, WOMEN	99, 199
111194	JACKET LINING 9923 PK, WOMEN	98, 198
111261	T-SHIRT 7447 RTT	26, 165
111262	POLO SHIRT 7448 RTP	26, 165
111263	SWEATSHIRT WITH ZIP 7449 RTS	26, 163
111332	POLO SHIRT 7025 TPR	95
111333	T-SHIRT 7024 TPR	95
111376	TROUSERS 2625 RS	111
111418	GORE-TEX® JACKET 4998 GXB	173
111420	GORE-TEX® TROUSERS 2998 GXB	173
111554	CAP 9116 TWD	216
111570	PULLOVER 7078 PT	190
111571	LONG JOHNS 2078 PT	190
111619	TROUSERS 2094 ATHP	118
111632	JACKET 4966 MFAT	127
111634	TROUSERS 2166 MFAT	127
111635	TROUSERS 2155 MFAT	127
111842	T-SHIRT L/S 7072 TFLH	124
111843	SWEATSHIRT WITH HOOD AND ZIP CODE 1736	221
113080	WINTER JACKET 4001 PRS	183
113083	WINTER JACKET 447 FASI	182
113095	TROUSERS 2111 KC	48
113096	JACKET 4111 KC	48
113097	BIB'N'BRACE IIII KC	49
113098	COVERALL 8111 KC	49
113099	TROUSERS 2111 LUXE	45, 154
113100	JACKET 4111 LUXE	
113101	BIB'N'BRACE IIII LUXE	47
113102	COVERALL 8111 LUXE	47
113137	3/4 TROUSERS 2149 DY WAISTCOAT 5312 LUXE	18
	TROUSERS 2090 NYC	33
113236	STRETCH FLEECE BEANIE 9101 STF	100, 217
113398	KNEEPOCKETS 9131 LUXE	47
113405	KNEEPOCKETS 9132 KC	48
113839	TROUSERS 2079 P154	72
113840	LONG COAT 3004 P154	71
113841	SHORT COAT 3003 PI54	72
113842	SHIRT 7000 P159	73
113843	SHIRT 7001 P159	73
113860	SHORTS 2092 NYC	33
113861	WINTER JACKET 4856 RTD	183
113862	TROUSERS 2140 FASI	30
113912	T-SHIRT 7005 LZT	26, 165
113913	LS T-SHIRT 7006 LZT	26, 165
113915	SWEATSHIRT 7008 LZS	26, 163
113930	SOFTSHELL JACKET 4119 SSR	54, 159, 188
113970	TROUSERS 2500 RIP	155
113979	SOFTSHELL JACKET 4500 SSM	159, 188
	1 - 1 - 0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	1.00, 100

14032			
14031   FLEECE PULLOVER HALF ZIP 7450 PRKN   24, 160, 184     14032   FLEECE JACKET 7451 PRKN   24, 160, 184     14033   SWEATSHIRT HALF ZIP 7452 PFKN   27, 160     14034   SWEATSHIRT JACKET 7453 PFKN   27, 160     14035   SWEATSHIRT JACKET 7453 PFKN   27, 160     14040   RAIN COAT 4634 RS   111     14041   RAIN JACKET 4624 RS   111     14042   RAIN TROUSERS LEGGINGS 2620 RS   111     14043   RAIN TROUSERS LEGGINGS 2620 RS   111     14043   RAIN TROUSERS LEGGINGS 2620 RS   111     14043   RAIN TROUSERS LEGGINGS 2620 RS   111     14043   RAIN TROUSERS LEGGINGS 2620 RS   111     14043   RAIN TROUSERS LEGGINGS 2620 RS   111     14043   RAIN TROUSERS LEGGINGS 2620 RS   111     14049   FLEECE JACKET 4400 FE   101     14095   SHIRT 7200 ATSS   122, 135     14097   SHORTS 2528 THL   94     14109   TROUSERS 213 PLU   90, 153     14100   JACKET 4109 P154   56, 154     14101   BIB NBRACE 1109 P154   57     14110   BIB NBRACE 1109 P154   57, 156     14101   BIB NBRACE 1109 P154   57, 156     14111   TROUSERS 2112 LUXE   46     14119   TROUSERS 2112 LUXE   46     14119   TROUSERS 2112 LUXE   46     14119   TROUSERS 2112 LUXE   46     14121   BIB NBRACE 1112 LUXE   47     14123   COVERALL 8112 KC   49     14123   COVERALL 8112 KC   49     14124   SWEATSHIRT 7601 SM   74     14139   POLOSHIRT 7601 SM   74     14140   SWEATSHIRT 7601 SM   74     14141   TOOL BELT 9140 LTHR   208     14155   TOOL HOLDER 914 LTHR   211     14166   TOOL HOLDER 914 LTHR   211     15681   AIRTECH* WINTER TROUSERS 2698 GTT   178     15682   AIRTECH* WINTER TROUSERS 2698 GTT   179     15683   FLEECE JACKET 4411 FLE   23, 185     16108   SHORTS 2500 PIS   150     16109   TROUSERS 2501 DCS   150     16109   TROUSERS 2501 DCS   150     16109   TROUSERS 2501 DCS   150     16109   SHORTS 2500 PIS   150     16109   SHORTS 2500 PIS   151     16100   TROUSERS 2083 WYH   19     17221   SEANIE 9109 FR   141, 217     17222   BEANIE 9118 A   217     17223   BEANIE 9118 BA   217     17224   BEANIE 9109 FR   141, 217     17225   BEANIE 9109 FR   141, 217     17	ART. NO	PRODUCT NAME	PAGE
14032	114026	TROUSERS 2093 NYC	33, 92
14033   SWEATSHIRT HALF ZIP 7452 PFKN   27, 160     14034   SWEATSHIRT JACKET 7453 PFKN   27, 160     14035   SWEATSHIRT HOOD 7454 PFKN   27, 160     14040   RAIN COAT 4634 RS   111     14040   RAIN JACKET 4624 RS   111     14042   RAIN JACKET 4624 RS   111     14043   RAIN HAT 9920 RS   111     14049   FLEECE JACKET 4400 FE   101     14099   SHIRT 7200 ATSS   122, 135     14099   TROUSERS 213 PLU   90, 153     14109   TROUSERS 213 PLU   90, 153     14102   JACKET 4109 P154   56     14103   TROUSERS 2109 P154   56, 154     14104   BIB 'NBRACE 1109 P154   57, 156     14106   WAISTCOAT 5109 P154   57, 156     14110   TROUSERS 2112 LUXE   46     14120   BIB 'NBRACE 1112 KC   49     14121   BIB 'NBRACE 1112 KC   49     14123   COVERALL 8112 KC   49     14125   SWEATSHIRT 7601 SM   74     14137   T-SHIRT 7605 PM   74     14140   SWEATSHIRT 7605 PM   74     14140   SWEATSHIRT 7608 SM   64, 166     14142   SWEATSHIRT 7608 SM   64, 166     14142   SWEATSHIRT 7608 SM   64, 166     14142   SWEATSHIRT 7608 SM   64, 166     14143   TOOL BELT 9140 LTHR   208     14155   TOOL HOLDER 9141 LTHR   211     15681   AIRTECH* WINTER TACUSERS 2698 GTT   178     15682   AIRTECH* WINTER TACUSERS 2698 GTT   179     16608   SHORTS 2503 RIP   155     16108   SHORTS 2503 RIP   156     16109   SHORTS 2503 RIP   157     16206   BIB 'NBRACE 1127 NAS, WOMEN   195     16208   SHORTS 2503 RIP   157     16209   TROUSERS 2608 GTT   177     16229   BEANIE 910 RA   91     17229   BEANIE 910 RA   91     17229   BEANIE 910 RA   91     17229   BEANIE 910 RA   91     17220   BEANIE 910 RA   91     17221   SHORTS 2508 PIS4   60, 156     17222   BEANIE 910 RA   91     17223   BEANIE 910 RA   91     17224   BEANIE 910 RA   91     17225   BEANIE 910 RA   91     17226   BEANIE 910 RA   91     17227   BEANIE 910 RA   91     17228   BEANIE 910 RA   91     17229   SHORTS 2508 PIS4   100, 216     17231   ROCKWARMER 919 FL   215     17232   BELT 9122 CB   214     17233   BELT 9123 PB   214     17234   CAP 9107 SC   100, 216     17237   ROCKWARMER 919 FL   215	114031	FLEECE PULLOVER HALF ZIP 7450 PRKN	24, 160, 184
14034   SWEATSHIRT JACKET 7453 PFKN   27, 160     14035   SWEATSHIRT HOOD 7454 PFKN   27, 160     14040   RAIN COAT 4634 RS   11     14041   RAIN JACKET 4624 RS   11     14042   RAIN TROUSERS LEGGINGS 2620 RS   11     14043   RAIN HAT 9920 RS   11     14043   RAIN HAT 9920 RS   11     14097   FLEECE JACKET 4400 FE   10     14099   SHIRT 7200 ATSS   122, 135     14099   TROUSERS 213 PLU   90, 153     14102   JACKET 4109 P154   56     14103   TROUSERS 213 PLU   90, 153     14104   BIB TISARCE 1109 P154   57, 156     14105   SHORTS 219 P154   57, 156     14106   WAISTCOAT 5109 P154   57     14118   TROUSERS 2112 LUXE   46     14119   TROUSERS 2112 LUXE   46     14119   TROUSERS 2112 LUXE   46     14121   BIB TISARCE 1112 LUXE   46     14122   BIB TISARCE 1112 LUXE   47     14123   COVERALL BI12 KC   49     14123   COVERALL BI12 KC   49     14135   SWEATSHIRT 7601 SM   74     14140   SWEATSHIRT 7605 PM   74     14141   SWEATSHIRT 7608 SM   64, 166     14142   SWEATSHIRT 7608 SM   64, 166     14144   SWEATSHIRT 7608 SM   64, 166     14145   TOOL HOLDER 914 LITHR   211     14156   TOOL HOLDER 914 LITHR   211     15681   AIRTECH* WINTER TROUSERS 2698 GTT   178     15682   AIRTECH* WINTER TROUSERS 2699 GTT   178     15683   FLEECE JACKET 4411 FLE   23, 185     161606   SHORTS 2503 RIP   155     161606   SHORTS 2503 RIP   157     16704   CAP 9121 DC   177     17034   CAP 9121 DC   177     17034   CAP 9121 DC   177     17035   BEANIE 9108 AM   100, 217     17229   BEANIE 9108 AM   100, 217     17221   BEANIE 9108 FR   214     17222   BEANIE 9109 FR   214     17223   BEANIE 9109 FR   214     17224   CAP 9107 SC   100, 216     17225   BEANIE 9109 FR   214     17226   BELT 9122 CB   214     17227   BEANIE 9109 FR   141, 214     17228   BELT 9122 CB   214     17229   BEANIE 9109 FR   141, 214     17221   TROUSERS 2550 FLW   132	114032	FLEECE JACKET 7451 PRKN	24, 160, 184
14035   SWEATSHIRT HOOD 7454 PFKN   27, 160     14040   RAIN COAT 4634 RS   111     14041   RAIN JACKET 4624 RS   111     14042   RAIN TROUSERS LEGGINGS 2620 RS   111     14043   RAIN HAT 9920 RS   111     14043   FLEECE JACKET 4400 FE   101     14095   SHIRT 7200 ATSS   122, 135     14097   SHORTS 2528 THL   94     14099   TROUSERS 213 PLU   90, 153     14102   JACKET 4109 PI54   56     14103   JACKET 4109 PI54   56     14104   BIB'N'BRACE 1109 PI54   57     14105   SHORTS 2112 LUXE   46     14110   WAISTCOAT 5109 PI54   57     14110   WAISTCOAT 5109 PI54   57     14110   TROUSERS 2112 LUXE   46     14119   TROUSERS 2112 LUXE   46     14119   TROUSERS 2112 LUXE   46     14119   JACKET 4101 STEAT AND AND AND AND AND AND AND AND AND AND	114033	SWEATSHIRT HALF ZIP 7452 PFKN	27, 160
114040         RAIN COAT 4634 RS         111           114041         RAIN JACKET 4624 RS         111           114042         RAIN TROUSERS LEGGINGS 2620 RS         111           114043         RAIN HAT 9920 RS         111           114087         FLEECE JACKET 4400 FE         10           114097         SHIRT 7200 ATSS         122,135           114099         TROUSERS 213 PLU         90,153           114103         TROUSERS 2109 PIS4         56           114104         BIB'N'BRACE 109 PIS4         57           114105         SHORTS 2119 PIS4         57,156           114106         WAISTCOAT 5109 PIS4         57           114107         TROUSERS 2112 LUXE         46           114119         TROUSERS 2112 LUXE         46           114119         TROUSERS 2112 KC         48           114120         BIB'N'BRACE 1112 LUXE         46           114121         BIB'N'BRACE 1112 KC         49           114123         COVERALL 8112 KC         49           114135         SWEATSHIRT 7601 SM         74           114135         TSHIRT 7603 TM         74           114137         T-SHIRT 7603 TM         74           114139	114034	SWEATSHIRT JACKET 7453 PFKN	27, 160
114041         RAIN JACKET 4624 RS         111           114042         RAIN TROUSERS LEGGINGS 2620 RS         111           114043         RAIN HAT 9920 RS         111           114087         FLEECE JACKET 4400 FE         101           114095         SHIRT 7200 ATSS         122,135           114099         TROUSERS 213 PLU         90,153           114102         JACKET 4109 PIS4         56           114103         TROUSERS 2109 PI54         56, 154           114104         BIB'N BRACE 1109 PIS4         57           114105         SHORTS 2119 PIS4         57, 156           114106         WAISTCOAT 5109 PIS4         57           114118         TROUSERS 2112 LUXE         46           114119         TROUSERS 2112 LUXE         46           114120         BIB'N BRACE 1112 LUXE         46           114121         BIB'N BRACE 1112 LUXE         49           114123         COVERALL BIL'2 KC         49           114121         BIB'N BRACE 1112 LUXE         46           114123         SWEATSHIRT 7601 SM         74           114135         SWEATSHIRT 7607 SM         64,166           114157         T-SHIRT 7603 TM         74           11	114035	SWEATSHIRT HOOD 7454 PFKN	27, 160
114042	114040	RAIN COAT 4634 RS	111
114043         RAIN HAT 9920 RS         111           114087         FLEECE JACKET 4400 FE         101           114099         SHIRT 7200 ATSS         122,135           114099         SHORTS 2528 THL         94           114099         TROUSERS 213 PLU         90,153           114109         TROUSERS 2109 PI54         56           114101         BIB'N'BRACE 1109 PI54         57           114105         SHORTS 2119 PI54         57           114106         WAISTCOAT 5109 PI54         57           114106         WAISTCOAT 5109 PI54         57           114107         TROUSERS 2112 LUXE         46           114118         TROUSERS 2112 LUXE         46           114120         BIB'N'BRACE 1112 LUXE         46           114121         BIB'N'BRACE 1112 KC         49           114123         COVERALL 8112 KC         49           114123         COVERALL 8112 KC         49           114137         T-SHIRT 7603 SM         74           114137         T-SHIRT 7603 TM         74           114137         T-SHIRT 7603 TM         74           114140         SWEATSHIRT 7603 SM         64,166           114154         TOOL HOLDER 9142	114041	RAIN JACKET 4624 RS	111
114087   FLEECE JACKET 4400 FE	114042	RAIN TROUSERS LEGGINGS 2620 RS	111
114095         SHIRT 7200 ATSS         122,135           114097         SHORTS 2528 THL         94           114099         TROUSERS 213 PLU         90,153           114102         JACKET 4109 PIS4         56           114103         TROUSERS 2109 PIS4         56,154           114104         BIB'N'BRACE 1109 PIS4         57           114105         SHORTS 2119 PIS4         57           114118         TROUSERS 2112 LUXE         46           114119         TROUSERS 2112 LUXE         46           114120         BIB'N'BRACE 1112 LUXE         46           114121         BIB'N'BRACE 1112 LUXE         46           114122         BIB'N'BRACE 1112 LUXE         46           114123         COVERALL BILS KC         49           114123         COVERALL BILS KC         49           114123         COVERALL BILS KC         49           114135         SWEATSHIRT 7601 SM         74           114137         T-SHIRT 7603 TM         74           114139         POLOSHIRT 7605 PM         74           114140         SWEATSHIRT 7607 SM         64,166           114154         TOOL BELT 9140 LTHR         211           114155         TOOL HOLDE	114043	RAIN HAT 9920 RS	111
114097         SHORTS 2528 THL         94           114099         TROUSERS 213 PLU         90, 153           114102         JACKET 4109 P154         56           114103         TROUSERS 2109 P154         56, 154           114104         BIB'N'BRACE 1109 P154         57           114105         SHORTS 2119 P154         57, 156           114106         WAISTCOAT 5109 P154         57           114119         TROUSERS 2112 LUXE         46           114119         TROUSERS 2112 LUXE         46           114120         BIB'N'BRACE 1112 LUXE         46           114121         BIB'N'BRACE 1112 KC         49           114123         COVERALL BILZ KC         49           114123         COVERALL BILZ KC         49           114137         T-SHIRT 7603 TM         74           114137         T-SHIRT 7603 TM         74           114140         SWEATSHIRT 7605 SM         64, 166           114141         SWEATSHIRT 7607 SM         64, 166           114154         TOOL BELT 9140 LTHR         201           114155         TOOL HOLDER 9141 LTHR         211           115681         AIRTECH* WINTER TROUSERS 2698 GTT         178           115682<	114087	FLEECE JACKET 4400 FE	101
114099         TROUSERS 213 PLU         90, 153           114102         JACKET 4109 P154         56           114103         TROUSERS 2109 P154         56, 154           114104         BIB'N'BRACE 1109 P154         57           114105         SHORTS 2119 P154         57, 156           114106         WAISTCOAT 5109 P154         57           114108         TROUSERS 2112 LUXE         46           114119         TROUSERS 2112 LUXE         46           114120         BIB'N'BRACE 1112 LUXE         46           114121         BIB'N'BRACE 1112 KC         49           114123         COVERALL 8112 KC         49           114123         COVERALL 8112 KC         49           114135         SWEATSHIRT 7601 SM         74           114137         T-SHIRT 7605 SM         74           114140         SWEATSHIRT 7605 SM         64, 166           114142         SWEATSHIRT 7607 SM         64, 166           114142         SWEATSHIRT 7608 SM         64, 166           114154         TOOL HOLDER 9141 LTHR         208           114155         TOOL HOLDER 9142 LTHR         211           115681         AIRTECH* WINTER TROUSERS 2698 GTT         178	114095	SHIRT 7200 ATSS	122, 135
114102         JACKET 4109 P154         56           114103         TROUSERS 2109 P154         56.154           114104         BIB'N'BRACE 1109 P154         57           114105         SHORTS 2119 P154         57           114106         WAISTCOAT 5109 P154         57           114118         TROUSERS 2112 LUXE         46           114119         TROUSERS 2112 LUXE         46           114120         BIB'N'BRACE 1112 LUXE         46           114121         BIB'N'BRACE 1112 LUXE         49           114121         BIB'N'BRACE 1112 LUXE         49           114123         COVERALL B112 KC         49           114123         COVERALL B112 KC         49           114135         SWEATSHIRT 7601 SM         74           114137         T-SHIRT 7603 SM         74           114139         POLOSHIRT 7605 SM         64, 166           114140         SWEATSHIRT 7608 SM         64, 166           114154         TOOL HOLDER 9141 LTHR         211           114156         TOOL HOLDER 9142 LTHR         211           115681         AIRTECH* WINTER TROUSERS 2698 GTT         178           115682         AIRTECH* WINTER TROUSERS 2698 GTT         178	114097	SHORTS 2528 THL	94
114103         TROUSERS 2109 P154         55, 154           114104         BIB'N'BRACE 1109 P154         57           114105         SHORTS 2119 P154         57, 156           114106         WAISTCOAT 5109 P154         57           114108         TROUSERS 2112 LUXE         46           114119         TROUSERS 2112 KC         48           114120         BIB'N'BRACE 1112 LUXE         46           114121         BIB'N'BRACE 1112 KC         49           114123         COVERALL 8112 KC         49           114123         COVERALL 8112 KC         49           114135         SWEATSHIRT 7601 SM         74           114139         POLOSHIRT 7605 PM         74           114140         SWEATSHIRT 7607 SM         64, 166           114142         SWEATSHIRT 7608 SM         64, 166           114154         TOOL BELT 9140 LTHR         208           114155         TOOL HOLDER 9141 LTHR         211           115681         AIRTECH* WINTER TROUSERS 2698 GTT         177           115682         AIRTECH* WINTER TROUSERS 2698 GTT         178           115683         FLEECE JACKET 4410 FLE         23, 185           115684         WINTER JACKET AVAID PP         181	114099	TROUSERS 213 PLU	90, 153
114104         BIB'N'BRACE 1109 P154         57           114105         SHORTS 2119 P154         57, 156           114106         WAISTCOAT 5109 P154         57           114118         TROUSERS 2112 LUXE         46           114119         TROUSERS 2112 KC         48           114120         BIB'N'BRACE 1112 KC         49           114121         BIB'N'BRACE 1112 KC         49           114135         SWEATSHIRT 7601 SM         74           114137         T-SHIRT 7603 TM         74           114139         POLOSHIRT 7605 PM         74           114140         SWEATSHIRT 7607 SM         64, 166           114141         TSHIRT 7608 SM         64, 166           114142         SWEATSHIRT 7608 SM         64, 166           114154         TOOL HOLDER 9141 LTHR         208           114155         TOOL HOLDER 9142 LTHR         211           115681         AIRTECH* WINTER TROUSERS 2698 GTT         177           115682         AIRTECH* WINTER TROUSERS 2698 GTT         178           115683         FLEECE JACKET 4411 FLE         23, 185           115699         TROUSERS 2501 DCS         150           116086         SHORTS 2503 RIP         155	114102	JACKET 4109 P154	56
114105	114103	TROUSERS 2109 P154	56, 154
114106         WAISTCOAT 5109 P154         57           114118         TROUSERS 2112 LUXE         46           114119         TROUSERS 2112 KC         48           114120         BIB IN BRACE 1112 LUXE         46           114121         BIB IN BRACE 1112 KC         49           114123         COVERALL 8112 KC         49           114135         SWEATSHIRT 7601 SM         74           114137         T-SHIRT 7603 TM         74           114139         POLOSHIRT 7605 PM         74           114140         SWEATSHIRT 7607 SM         64, 166           114142         SWEATSHIRT 7608 SM         64, 166           114143         TOOL BELT 9140 LTHR         208           114154         TOOL BELT 9140 LTHR         211           114155         TOOL HOLDER 9141 LTHR         211           115681         AIRTECH* WINTER TROUSERS 2698 GTT         177           115682         AIRTECH* WINTER TROUSERS 2698 GTT         178           115683         FLEECE JACKET 4411 FLE         23, 185           115699         TROUSERS 2501 DCS         150           116086         SHORTS 2503 RIP         155           1161640         BIB'N'BRACE 1177 NAS, WOMEN         195 <td>114104</td> <td>BIB'N'BRACE 1109 P154</td> <td>57</td>	114104	BIB'N'BRACE 1109 P154	57
114118	114105	SHORTS 2119 P154	57, 156
114119         TROUSERS 2112 KC         48           114120         BIB'N'BRACE 1112 LUXE         46           114121         BIB'N'BRACE 1112 KC         49           114123         COVERALL 8112 KC         49           114135         SWEATSHIRT 7601 SM         74           114137         T-SHIRT 7603 TM         74           114139         POLOSHIRT 7605 PM         74           114140         SWEATSHIRT 7607 SM         64, 166           114142         SWEATSHIRT 7608 SM         64, 166           114154         TOOL BELT 9140 LTHR         208           114155         TOOL HOLDER 9141 LTHR         211           115681         AIRTECH* WINTER JACKET 4410 GTT         177           115682         AIRTECH* WINTER TROUSERS 2698 GTT         178           115683         FLEECE JACKET 4411 FLE         23, 185           115684         WINTER JACKET 4420 PP         181           115699         TROUSERS 2501 DCS         150           116086         SHORTS 2503 RIP         155           116158         AIRTECH* WINTER TROUSERS 2699 GTT         106, 178           116406         BIB'N'BRACE 1172 NAS, WOMEN         195           116701         SHORTS 2102 CYD         1	114106	WAISTCOAT 5109 P154	57
114120       BIB'N'BRACE 1112 LUXE       49         114121       BIB'N'BRACE 1112 KC       49         114123       COVERALL 8112 KC       49         114135       SWEATSHIRT 7601 SM       74         114137       T-SHIRT 7603 TM       74         114139       POLOSHIRT 7605 PM       74         114140       SWEATSHIRT 7607 SM       64,166         114141       SWEATSHIRT 7608 SM       64,166         114154       TOOL BELT 9140 LTHR       208         114155       TOOL HOLDER 9141 LTHR       211         115681       AIRTECH* WINTER JACKET 4410 GTT       177         115682       AIRTECH* WINTER TROUSERS 2698 GTT       178         115683       FLEECE JACKET 4411 FLE       23, 185         115684       WINTER JACKET 4420 PP       181         115699       TROUSERS 2501 DCS       150         116086       SHORTS 2503 RIP       155         116158       AIRTECH* WINTER TROUSERS 2699 GTT       106, 178         116406       BIB'N'BRACE 1177 NAS, WOMEN       195         116408       SKIRT 6077 NAS, WOMEN       195         116726       BIB'N'BRACE 1122 CYD       17         117034       CAP 9121 DC       216 <td>114118</td> <td>TROUSERS 2112 LUXE</td> <td>46</td>	114118	TROUSERS 2112 LUXE	46
114121       BIB'N'BRACE 1112 KC       49         114123       COVERALL 8112 KC       49         114135       SWEATSHIRT 7601 SM       74         114137       T-SHIRT 7603 TM       74         114139       POLOSHIRT 7605 PM       74         114140       SWEATSHIRT 7605 SM       64, 166         114142       SWEATSHIRT 7608 SM       64, 166         114154       TOOL BELT 9140 LTHR       208         114155       TOOL HOLDER 9141 LTHR       211         114156       TOOL HOLDER 9142 LTHR       211         115681       AIRTECH* WINTER JACKET 4410 GTT       177         115682       AIRTECH* WINTER TROUSERS 2698 GTT       178         115683       FLEECE JACKET 4411 FLE       23, 185         115699       TROUSERS 2501 DCS       150         116086       SHORTS 2503 RIP       155         116158       AIRTECH* WINTER TROUSERS 2699 GTT       106, 178         116406       BIB'N'BRACE 1177 NAS, WOMEN       195         116408       SKIRT 6077 NAS, WOMEN       195         116701       SHORTS 2102 CYD       17         117034       CAP 9121 DC       216         1177050       TROUSERS 2083 WYH       91	114119	TROUSERS 2112 KC	48
114123   COVERALL 8112 KC	114120	BIB'N'BRACE 1112 LUXE	46
114135   SWEATSHIRT 7601 SM	114121	BIB'N'BRACE 1112 KC	49
114137	114123	COVERALL 8112 KC	49
114139	114135	SWEATSHIRT 7601 SM	74
114140       SWEATSHIRT 7607 SM       64, 166         114142       SWEATSHIRT 7608 SM       64, 166         114154       TOOL BELT 9140 LTHR       208         114155       TOOL HOLDER 9141 LTHR       211         114156       TOOL HOLDER 9142 LTHR       211         115681       AIRTECH* WINTER JACKET 4410 GTT       177         115682       AIRTECH* WINTER TROUSERS 2698 GTT       178         115683       FLEECE JACKET 4411 FLE       23, 185         115694       WINTER JACKET 4420 PP       181         115699       TROUSERS 2501 DCS       150         116086       SHORTS 2503 RIP       155         116158       AIRTECH* WINTER TROUSERS 2699 GTT       106, 178         116406       BIB'N'BRACE 1177 NAS, WOMEN       195         116408       SKIRT 6077 NAS, WOMEN       195         116701       SHORTS 2102 CYD       17         117034       CAP 9121 DC       216         117060       TROUSERS 2083 WYH       91         117219       SHORTS 2508 P154       60, 156         117227       BEANIE 9108 AM       100, 217         117228       BEANIE 9108 AM       100, 216         117230       WINTER HAT 9105 GT       100, 2	114137	T-SHIRT 7603 TM	74
114142       SWEATSHIRT 7608 SM       64, 166         114154       TOOL BELT 9140 LTHR       208         114155       TOOL HOLDER 9141 LTHR       211         114156       TOOL HOLDER 9142 LTHR       211         115681       AIRTECH* WINTER JACKET 4410 GTT       177         115682       AIRTECH* WINTER TROUSERS 2698 GTT       178         115683       FLEECE JACKET 4411 FLE       23, 185         115684       WINTER JACKET 4420 PP       181         115699       TROUSERS 2501 DCS       150         116086       SHORTS 2503 RIP       155         116158       AIRTECH* WINTER TROUSERS 2699 GTT       106, 178         116406       BIB'N'BRACE 1177 NAS, WOMEN       195         116408       SKIRT 6077 NAS, WOMEN       195         116701       SHORTS 2102 CYD       17         117034       CAP 9121 DC       216         117034       CAP 9121 DC       216         117219       SHORTS 2508 P154       60, 156         117226       BEANIE 9500 BFL       217         117227       BEANIE 9108 AM       100, 217         117228       BEANIE 9114 BA       217         117230       WINTER HAT 9105 GT       100, 216	114139	POLOSHIRT 7605 PM	74
114154         TOOL BELT 9140 LTHR         208           114155         TOOL HOLDER 9141 LTHR         211           114156         TOOL HOLDER 9142 LTHR         211           115681         AIRTECH* WINTER TACKET 4410 GTT         177           115682         AIRTECH* WINTER TROUSERS 2698 GTT         178           115683         FLEECE JACKET 4411 FLE         23, 185           115684         WINTER JACKET 4420 PP         181           115699         TROUSERS 2501 DCS         150           116086         SHORTS 2503 RIP         155           116158         AIRTECH* WINTER TROUSERS 2699 GTT         106, 178           116406         BIB'N'BRACE 1177 NAS, WOMEN         195           116408         SKIRT 6077 NAS, WOMEN         195           116701         SHORTS 2102 CYD         17           117034         CAP 9121 DC         216           117034         CAP 9121 DC         216           117209         SHORTS 2508 PI54         60, 156           117219         SHORTS 2508 PI54         60, 156           117227         BEANIE 9108 AM         100, 217           117228         BEANIE 9114 BA         217           117230         WINTER HAT 9105 GT         100, 2	114140	SWEATSHIRT 7607 SM	64, 166
114155         TOOL HOLDER 9141 LTHR         211           114156         TOOL HOLDER 9142 LTHR         211           115681         AIRTECH* WINTER JACKET 4410 GTT         177           115682         AIRTECH* WINTER TROUSERS 2698 GTT         178           115683         FLEECE JACKET 4411 FLE         23, 185           115684         WINTER JACKET 4420 PP         181           115699         TROUSERS 2501 DCS         150           116086         SHORTS 2503 RIP         155           116158         AIRTECH* WINTER TROUSERS 2699 GTT         106, 178           116406         BIB'N'BRACE 1177 NAS, WOMEN         195           116408         SKIRT 6077 NAS, WOMEN         195           116701         SHORTS 2102 CYD         17           117034         CAP 9121 DC         216           117060         TROUSERS 2083 WYH         91           117219         SHORTS 2508 P154         60, 156           117227         BEANIE 9500 BFL         217           117228         BEANIE 9114 BA         217           117229         BEANIE 9114 BA         217           117230         WINTER HAT 9105 GT         100, 216           117231         NECKWARMER 9119 FL         215 <td>114142</td> <td>SWEATSHIRT 7608 SM</td> <td>64, 166</td>	114142	SWEATSHIRT 7608 SM	64, 166
114156         TOOL HOLDER 9142 LTHR         211           115681         AIRTECH* WINTER JACKET 4410 GTT         177           115682         AIRTECH* WINTER TROUSERS 2698 GTT         178           115683         FLEECE JACKET 4411 FLE         23, 185           115684         WINTER JACKET 4420 PP         181           115699         TROUSERS 2501 DCS         150           116086         SHORTS 2503 RIP         155           116158         AIRTECH* WINTER TROUSERS 2699 GTT         106, 178           116406         BIB'N'BRACE 1177 NAS, WOMEN         195           116408         SKIRT 6077 NAS, WOMEN         195           116701         SHORTS 2102 CYD         17           117034         CAP 9121 DC         216           117060         TROUSERS 2083 WYH         91           117219         SHORTS 2508 P154         60, 156           117226         BEANIE 9500 BFL         217           117227         BEANIE 9108 AM         100, 217           117228         BEANIE 9114 BA         217           117230         WINTER HAT 9105 GT         100, 216           117231         NECKWARMER 9119 FL         215           117232         BELT 9122 CB         214	114154	TOOL BELT 9140 LTHR	208
115681       AIRTECH* WINTER JACKET 4410 GTT       177         115682       AIRTECH* WINTER TROUSERS 2698 GTT       178         115683       FLEECE JACKET 4411 FLE       23, 185         115684       WINTER JACKET 4420 PP       181         115699       TROUSERS 2501 DCS       150         116086       SHORTS 2503 RIP       155         116158       AIRTECH* WINTER TROUSERS 2699 GTT       106, 178         116406       BIB'N'BRACE 1177 NAS, WOMEN       195         116408       SKIRT 6077 NAS, WOMEN       195         116701       SHORTS 2102 CYD       17         116726       BIB'N'BRACE 1122 CYD       17         117034       CAP 9121 DC       216         117060       TROUSERS 2083 WYH       91         117219       SHORTS 2508 P154       60, 156         117226       BEANIE 9500 BFL       217         117227       BEANIE 9108 AM       100, 217         117228       BEANIE 9111 BA       217         117229       BEANIE 9114 BA       217         117230       WINTER HAT 9105 GT       100, 216         117231       NECKWARMER 9119 FL       215         117232       BELT 9123 PB       214	114155	TOOL HOLDER 9141 LTHR	211
115682       AIRTECH* WINTER TROUSERS 2698 GTT       178         115683       FLEECE JACKET 4411 FLE       23, 185         115684       WINTER JACKET 4420 PP       181         115699       TROUSERS 2501 DCS       150         116086       SHORTS 2503 RIP       155         116158       AIRTECH* WINTER TROUSERS 2699 GTT       106, 178         116406       BIB'N'BRACE 1177 NAS, WOMEN       195         116408       SKIRT 6077 NAS, WOMEN       195         116701       SHORTS 2102 CYD       17         117034       CAP 9121 DC       16         117060       TROUSERS 2083 WYH       91         117219       SHORTS 2508 P154       60, 156         117226       BEANIE 9500 BFL       217         117227       BEANIE 9108 AM       100, 217         117228       BEANIE 9111 BA       217         117229       BEANIE 9114 BA       217         117230       WINTER HAT 9105 GT       100, 216         117231       NECKWARMER 9119 FL       215         117232       BELT 9122 CB       214         117234       CAP 9107 SC       100, 216         117247       BEANIE 9109 FR       141, 217         117258	114156	TOOL HOLDER 9142 LTHR	211
115683         FLEECE JACKET 4411 FLE         23, 185           115684         WINTER JACKET 4420 PP         181           115699         TROUSERS 2501 DCS         150           116086         SHORTS 2503 RIP         155           116158         AIRTECH* WINTER TROUSERS 2699 GTT         106, 178           116406         BIB'N'BRACE 1177 NAS, WOMEN         195           116408         SKIRT 6077 NAS, WOMEN         195           116701         SHORTS 2102 CYD         17           116726         BIB'N'BRACE 1122 CYD         17           117034         CAP 9121 DC         216           117060         TROUSERS 2083 WYH         91           117219         SHORTS 2508 P154         60, 156           117226         BEANIE 9500 BFL         217           117227         BEANIE 9108 AM         100, 217           117228         BEANIE 9111 BA         217           117229         BEANIE 9114 BA         217           117230         WINTER HAT 9105 GT         100, 216           117231         NECKWARMER 9119 FL         215           117233         BELT 9122 CB         214           117234         CAP 9107 SC         100, 216           117247<	115681	AIRTECH® WINTER JACKET 4410 GTT	177
115684         WINTER JACKET 4420 PP         181           115699         TROUSERS 2501 DCS         150           116086         SHORTS 2503 RIP         155           116158         AIRTECH* WINTER TROUSERS 2699 GTT         106, 178           116406         BIB'N'BRACE 1177 NAS, WOMEN         195           116408         SKIRT 6077 NAS, WOMEN         195           116701         SHORTS 2102 CYD         17           117034         CAP 9121 DC         216           117060         TROUSERS 2083 WYH         91           117219         SHORTS 2508 P154         60, 156           117226         BEANIE 9500 BFL         217           117227         BEANIE 9108 AM         100, 217           117228         BEANIE 9111 BA         217           117229         BEANIE 9114 BA         217           117230         WINTER HAT 9105 GT         100, 216           117231         NECKWARMER 9119 FL         215           117232         BELT 9122 CB         214           117233         BELT 9123 PB         214           117247         BEANIE 9109 FR         141, 217           117258         BELT 9999 FR         141, 214           117320	115682	AIRTECH® WINTER TROUSERS 2698 GTT	178
115699         TROUSERS 2501 DCS         150           116086         SHORTS 2503 RIP         155           116158         AIRTECH* WINTER TROUSERS 2699 GTT         106, 178           116406         BIB'N'BRACE 1177 NAS, WOMEN         195           116408         SKIRT 6077 NAS, WOMEN         195           116701         SHORTS 2102 CYD         17           116726         BIB'N'BRACE 1122 CYD         17           117034         CAP 9121 DC         216           117060         TROUSERS 2083 WYH         91           117219         SHORTS 2508 PI54         60, 156           117226         BEANIE 9500 BFL         217           117227         BEANIE 9108 AM         100, 217           117228         BEANIE 9118 BA         217           117229         BEANIE 9114 BA         217           117230         WINTER HAT 9105 GT         100, 216           117231         NECKWARMER 9119 FL         215           117232         BELT 9122 CB         214           117234         CAP 9107 SC         100, 216           117247         BEANIE 9109 FR         141, 217           117258         BELT 9999 FR         141, 214           117320	115683	FLEECE JACKET 4411 FLE	23, 185
116086         SHORTS 2503 RIP         155           116158         AIRTECH* WINTER TROUSERS 2699 GTT         106, 178           116406         BIB'N'BRACE 1177 NAS, WOMEN         195           116408         SKIRT 6077 NAS, WOMEN         195           116701         SHORTS 2102 CYD         17           116726         BIB'N'BRACE 1122 CYD         17           117034         CAP 9121 DC         216           117060         TROUSERS 2083 WYH         91           117219         SHORTS 2508 PI54         60, 156           117226         BEANIE 9500 BFL         217           117227         BEANIE 9108 AM         100, 217           117228         BEANIE 9118 BA         217           117229         BEANIE 9114 BA         217           117230         WINTER HAT 9105 GT         100, 216           117231         NECKWARMER 9119 FL         215           117232         BELT 9122 CB         214           117233         BELT 913 PB         214           117247         BEANIE 9109 FR         141, 217           117258         BELT 9950 STRE         214           117320         BELT 9999 FR         141, 214           117321         TR	115684	WINTER JACKET 4420 PP	181
116158         AIRTECH* WINTER TROUSERS 2699 GTT         106, 178           116406         BIB'N'BRACE 1177 NAS, WOMEN         195           116408         SKIRT 6077 NAS, WOMEN         195           116701         SHORTS 2102 CYD         17           116726         BIB'N'BRACE 1122 CYD         17           117034         CAP 9121 DC         216           117060         TROUSERS 2083 WYH         91           117219         SHORTS 2508 P154         60, 156           117226         BEANIE 9500 BFL         217           117227         BEANIE 9108 AM         100, 217           117228         BEANIE 9111 BA         217           117229         BEANIE 9114 BA         217           117230         WINTER HAT 9105 GT         100, 216           117231         NECKWARMER 9119 FL         215           117232         BELT 9122 CB         214           117233         BELT 9123 PB         214           117247         BEANIE 9109 FR         141, 217           117258         BELT 9950 STRE         214           117320         TROUSERS 2550 FLW         132	115699	TROUSERS 2501 DCS	150
116406       BIB'N'BRACE 1177 NAS, WOMEN       195         116408       SKIRT 6077 NAS, WOMEN       195         116701       SHORTS 2102 CYD       17         116726       BIB'N'BRACE 1122 CYD       17         117034       CAP 9121 DC       216         117060       TROUSERS 2083 WYH       91         117219       SHORTS 2508 P154       60, 156         117226       BEANIE 9500 BFL       217         117227       BEANIE 9108 AM       100, 217         117228       BEANIE 9111 BA       217         117229       BEANIE 9114 BA       217         117230       WINTER HAT 9105 GT       100, 216         117231       NECKWARMER 9119 FL       215         117232       BELT 9122 CB       214         117233       BELT 9123 PB       214         117247       BEANIE 9109 FR       141, 217         117258       BELT 9950 STRE       214         117320       BELT 9999 FR       141, 214         117321       TROUSERS 2550 FLW       132	116086	SHORTS 2503 RIP	155
116408       SKIRT 6077 NAS, WOMEN       195         116701       SHORTS 2102 CYD       17         116726       BIB'N'BRACE 1122 CYD       17         117034       CAP 9121 DC       216         117060       TROUSERS 2083 WYH       91         117219       SHORTS 2508 P154       60, 156         117226       BEANIE 9500 BFL       217         117227       BEANIE 9108 AM       100, 217         117228       BEANIE 9111 BA       217         117229       BEANIE 9114 BA       217         117230       WINTER HAT 9105 GT       100, 216         117231       NECKWARMER 9119 FL       215         117232       BELT 9122 CB       214         117233       BELT 9123 PB       214         117247       BEANIE 9109 FR       141, 217         117258       BELT 9950 STRE       214         117320       BELT 9999 FR       141, 214         117321       TROUSERS 2550 FLW       132	116158	AIRTECH® WINTER TROUSERS 2699 GTT	106, 178
116701         SHORTS 2102 CYD         17           116726         BIB'N'BRACE 1122 CYD         17           117034         CAP 9121 DC         216           117060         TROUSERS 2083 WYH         91           117219         SHORTS 2508 P154         60, 156           117226         BEANIE 9500 BFL         217           117227         BEANIE 9108 AM         100, 217           117228         BEANIE 9111 BA         217           117229         BEANIE 9114 BA         217           117230         WINTER HAT 9105 GT         100, 216           117231         NECKWARMER 9119 FL         215           117232         BELT 9122 CB         214           117233         BELT 9123 PB         214           117234         CAP 9107 SC         100, 216           117247         BEANIE 9109 FR         141, 217           117258         BELT 9950 STRE         214           117320         BELT 9999 FR         141, 214           117321         TROUSERS 2550 FLW         132	116406	BIB'N'BRACE 1177 NAS, WOMEN	195
116726         BIB'N'BRACE 1122 CYD         17           117034         CAP 9121 DC         216           117060         TROUSERS 2083 WYH         91           117219         SHORTS 2508 P154         60, 156           117226         BEANIE 9500 BFL         217           117227         BEANIE 9108 AM         100, 217           117228         BEANIE 911 BA         217           117229         BEANIE 9114 BA         217           117230         WINTER HAT 9105 GT         100, 216           117231         NECKWARMER 9119 FL         215           117232         BELT 9122 CB         214           117233         BELT 9123 PB         214           117234         CAP 9107 SC         100, 216           117247         BEANIE 9109 FR         141, 217           117258         BELT 9950 STRE         214           117320         BELT 9999 FR         141, 214           117321         TROUSERS 2550 FLW         132	116408	SKIRT 6077 NAS, WOMEN	195
117034         CAP 9121 DC         216           117060         TROUSERS 2083 WYH         91           117219         SHORTS 2508 P154         60, 156           117226         BEANIE 9500 BFL         217           117227         BEANIE 9108 AM         100, 217           117228         BEANIE 9111 BA         217           117229         BEANIE 9114 BA         217           117230         WINTER HAT 9105 GT         100, 216           117231         NECKWARMER 9119 FL         215           117232         BELT 9122 CB         214           117233         BELT 9123 PB         214           117234         CAP 9107 SC         100, 216           117247         BEANIE 9109 FR         141, 217           117258         BELT 9950 STRE         214           117320         BELT 9999 FR         141, 214           117321         TROUSERS 2550 FLW         132	116701	SHORTS 2102 CYD	17
117060     TROUSERS 2083 WYH     91       117219     SHORTS 2508 P154     60, 156       117226     BEANIE 9500 BFL     217       117227     BEANIE 9108 AM     100, 217       117228     BEANIE 9111 BA     217       117229     BEANIE 9114 BA     217       117230     WINTER HAT 9105 GT     100, 216       117231     NECKWARMER 9119 FL     215       117232     BELT 9122 CB     214       117233     BELT 9123 PB     214       117234     CAP 9107 SC     100, 216       117247     BEANIE 9109 FR     141, 217       117258     BELT 9950 STRE     214       117320     BELT 9999 FR     141, 214       117321     TROUSERS 2550 FLW     132	116726	BIB'N'BRACE 1122 CYD	17
117219     SHORTS 2508 P154     60, 156       117226     BEANIE 9500 BFL     217       117227     BEANIE 9108 AM     100, 217       117228     BEANIE 9111 BA     217       117229     BEANIE 9114 BA     217       117230     WINTER HAT 9105 GT     100, 216       117231     NECKWARMER 9119 FL     215       117232     BELT 9122 CB     214       117233     BELT 9123 PB     214       117234     CAP 9107 SC     100, 216       117247     BEANIE 9109 FR     141, 217       117258     BELT 9950 STRE     214       117320     BELT 9999 FR     141, 214       117321     TROUSERS 2550 FLW     132	117034	CAP 9121 DC	216
117226     BEANIE 9500 BFL     217       117227     BEANIE 9108 AM     100, 217       117228     BEANIE 9111 BA     217       117229     BEANIE 9114 BA     217       117230     WINTER HAT 9105 GT     100, 216       117231     NECKWARMER 9119 FL     215       117232     BELT 9122 CB     214       117233     BELT 9123 PB     214       117234     CAP 9107 SC     100, 216       117247     BEANIE 9109 FR     141, 217       117258     BELT 9950 STRE     214       117320     BELT 9999 FR     141, 214       117321     TROUSERS 2550 FLW     132	117060	TROUSERS 2083 WYH	91
117227     BEANIE 9108 AM     100, 217       117228     BEANIE 9111 BA     217       117229     BEANIE 9114 BA     217       117230     WINTER HAT 9105 GT     100, 216       117231     NECKWARMER 9119 FL     215       117232     BELT 9122 CB     214       117233     BELT 9123 PB     214       117234     CAP 9107 SC     100, 216       117247     BEANIE 9109 FR     141, 217       117258     BELT 9950 STRE     214       117320     BELT 9999 FR     141, 214       117321     TROUSERS 2550 FLW     132	117219	SHORTS 2508 P154	60, 156
117228         BEANIE 9111 BA         217           117229         BEANIE 9114 BA         217           117230         WINTER HAT 9105 GT         100, 216           117231         NECKWARMER 9119 FL         215           117232         BELT 9122 CB         214           117233         BELT 9123 PB         214           117234         CAP 9107 SC         100, 216           117247         BEANIE 9109 FR         141, 217           117258         BELT 9950 STRE         214           117320         BELT 9999 FR         141, 214           117321         TROUSERS 2550 FLW         132	117226	BEANIE 9500 BFL	217
117229     BEANIE 9114 BA     217       117230     WINTER HAT 9105 GT     100, 216       117231     NECKWARMER 9119 FL     215       117232     BELT 9122 CB     214       117233     BELT 9123 PB     214       117234     CAP 9107 SC     100, 216       117247     BEANIE 9109 FR     141, 217       117258     BELT 9950 STRE     214       117320     BELT 9999 FR     141, 214       117321     TROUSERS 2550 FLW     132	117227	BEANIE 9108 AM	100, 217
117230     WINTER HAT 9105 GT     100, 216       117231     NECKWARMER 9119 FL     215       117232     BELT 9122 CB     214       117233     BELT 9123 PB     214       117234     CAP 9107 SC     100, 216       117247     BEANIE 9109 FR     141, 217       117258     BELT 9950 STRE     214       117320     BELT 9999 FR     141, 214       117321     TROUSERS 2550 FLW     132	117228	BEANIE 9111 BA	217
117231         NECKWARMER 9119 FL         215           117232         BELT 9122 CB         214           117233         BELT 9123 PB         214           117234         CAP 9107 SC         100, 216           117247         BEANIE 9109 FR         141, 217           117258         BELT 9950 STRE         214           117320         BELT 9999 FR         141, 214           117321         TROUSERS 2550 FLW         132	117229	BEANIE 9114 BA	217
117232     BELT 9122 CB     214       117233     BELT 9123 PB     214       117234     CAP 9107 SC     100, 216       117247     BEANIE 9109 FR     141, 217       117258     BELT 9950 STRE     214       117320     BELT 9999 FR     141, 214       117321     TROUSERS 2550 FLW     132	117230	WINTER HAT 9105 GT	100, 216
117233     BELT 9123 PB     214       117234     CAP 9107 SC     100, 216       117247     BEANIE 9109 FR     141, 217       117258     BELT 9950 STRE     214       117320     BELT 9999 FR     141, 214       117321     TROUSERS 2550 FLW     132	117231	NECKWARMER 9119 FL	215
117234         CAP 9107 SC         100, 216           117247         BEANIE 9109 FR         141, 217           117258         BELT 9950 STRE         214           117320         BELT 9999 FR         141, 214           117321         TROUSERS 2550 FLW         132	117232	BELT 9122 CB	214
117247     BEANIE 9109 FR     141, 217       117258     BELT 9950 STRE     214       117320     BELT 9999 FR     141, 214       117321     TROUSERS 2550 FLW     132	117233	BELT 9123 PB	214
117258         BELT 9950 STRE         214           117320         BELT 9999 FR         141, 214           117321         TROUSERS 2550 FLW         132	117234	CAP 9107 SC	100, 216
117320         BELT 9999 FR         141, 214           117321         TROUSERS 2550 FLW         132	117247	BEANIE 9109 FR	141, 217
117321 TROUSERS 2550 FLW 132	117258	BELT 9950 STRE	214
	117320	BELT 9999 FR	141, 214
117727 IACKET 4550 5134	117321	TROUSERS 2550 FLW	132
11/323 JACKET 4330 FLW 132	117323	JACKET 4550 FLW	132

ART. NO	PRODUCT NAME	PAGE
117324	BIB'N'BRACE 1550 FLW	133
117326	COVERALL 8050 FLW	133
117327	NAIL POCKETS 2551 FLW	132
117751	TROUSERS 2580 P154	59
119621	JACKET 4026 PLU, CL 3	89
119623	JACKET 4129 PLU, WOMEN	98, 198
119624	WINTER JACKET 4131 PP, WOMEN	98, 198
119625	FLEECE JACKET 4041 FE	101
119626	AIRTECH® WINTER JACKET 4035 GTT	107
119627	AIRTECH® WINTER COVERALL 8015 GTT	106
119628	AIRTECH® PARKA 4036 GTT	107
119629	PARKA 4042 PP	109
119630	WINTER JACKET 4043 PP	109
119911	JACKET 4194 ATHP	118
119921	JACKET 4174 ATHS	120
119922	JACKET 4175 ATHS	119
119923	WINTER JACKET 4185 ATHS	125
119934	BOOT 9124 XR50	83
120008	TROUSERS 2082 P154	73
120929	JACKET 4176 ATHS	120
120949	TROUSERS 2084 LUXE	36, 46
120954	TROUSERS 2080 ELP	78
120955	COAT 3080 ELP	77
120956	POLOSHIRT 7080 XTM	79
120958	T-SHIRT 7082 XTM	79
120959	T-SHIRT 7081 XTM	79
120960	JACKET 4004 FLE	23, 161, 185
120963	AIRTECH® JACKET 4906 GTT	21, 158, 178
120964	GORE-TEX® PARKA 4008 GXB	174
120966	JACKET 4003 MFL	23, 161, 185
120986	GORE-TEX * TROUSER 2988 GXB	103
120987	GORE-TEX* JACKET 4988 GXB	102
121115	COAT 3074 ATHS	122
121223	TROUSERS 2084 P154	36, 60
121311	WAISTCOAT TROUSERS 1044 FAS	28
121312	WAISTCOAT TROUSER 1044 PR25	36
121314	TROUSERS 2530 CYD	15
121315	WAISTCOAT 5905 CYD	19
121354	TROUSERS 2144 ATHS	121
121355	TROUSERS 2176 ATHS	121
121611	TROUSER 2145 PR54	66
121612	JACKET 4145 PR54	66
121627	KNITTED JACKET 7101 BLK	24, 158, 187
121631	SWEATSHIRT 7016 SMC	64, 166
121632	TROUSER 2526 PLW	151
121633	KNEEPADS 9125 KP	213
121639	T-SHIRT L/S 7026 MOF	139
121640	T-SHIRT HALFZIP 7029 MOF	139
121641	LONG JOHNS 7027 MOF	139
121642	BOXERS 7031 MOF	139
121643	BRA 7036 MOF	138, 201
121644	BALACLAVA 7028 MOF	138
121648	COLLAR 7038 MOF	138
121649	THERMAL JACKET 7044 MFR	141
121650	THERMAL LONG JOHNS 7045 MFR	141
121651	AIRTECH® JACKET 4916 GTT	21, 177
121675	SWEATSHIRT JACKET 4080 XSM	78
121983	TROUSERS 2117 LUXE, WOMEN	45, 154, 197
122114	ID-CARD HOLDER 9130 P159	213
122168	WINTERCOVERALL 8001 PP	108

ART. NO	PRODUCT NAME	PAGE
122188	JACKET THERMO 4034 MTH	75
122189	WAISTCOAT THERMO 5034 MTH	75
122191	TROUSERS 2127 CYD	14, 92
122194	SHIRT 7207 FRS	136
122195	JACKET 4275 ATHS, WOMEN	123, 200
122196	TROUSERS 2775 ATHS, WOMEN	123, 200
122197	TROUSERS 2776 ATHS, WOMEN	123, 200
122221	QUILTED JACKET 4021 MEQ	157, 183
122223	JACKET 4062 P	203
122230	BRIEFS 7022 MOF	138, 201
122233	FLEECEJACKET 4063 ATF	124
122573	TROUSERS 2130 FAS	14

		I	
MATERIAL	PRODUCT NAME	ART. NO	PAGE
AD 255K	TROUSERS	100082	32
AD 265K	TROUSERS	100083	32
AD 51	BIB'N'BRACE	100085	32
AD 818	COVERALL	100087	68
AM 580	BEANIE	100093	217
AM 9108	BEANIE	117227	100, 217
ATF 4063	FLEECEJACKET	122233	124
ATF 4073	FLEECE JACKET	109430	124
ATHP 2094	TROUSERS	111619	118
ATHP 4194	JACKET	119911	118
ATHR 4086	PARKA	109423	125
ATHS 1075	BIB 'N' BRACE	109419	121
ATHS 2074	TROUSERS	109417	120
ATHS 2075	TROUSERS	109420	119
ATHS 2085	WINTERTROUSERS	109424	125
ATHS 2144	TROUSERS	121354	121
ATHS 2176	TROUSERS	121355	121
ATHS 2775	TROUSERS, WOMEN	122196	123, 200
ATHS 2776	TROUSERS, WOMEN	122197	123, 200
ATHS 3074	COAT	121115	122
ATHS 4174	JACKET	119921	120
ATHS 4175	JACKET	119922	119
ATHS 4176	JACKET	120929	120
ATHS 4185	WINTERJACKET	119923	125
ATHS 4275	JACKET, WOMEN	122195	123, 200
ATHS 5075	WAISTCOAT	110642	122
ATS 7074	SHIRT	109425	122
ATSS 7200	SHIRT	114095	122, 135
B60 720	SHIRT	100105	63, 169
B60 721	SHIRT	100107	63, 169
B60 7385	SHIRT	100731	62, 168
B60 7387	SHIRT	100733	62, 168
BA 9111	BEANIE	117228	217
BA 9114	BEANIE	117229	217
BCS 865	COVERALL	100111	67
BFL 9500	BEANIE	117226	217
BKS 720	SHIRT	100117	63, 169
BKS 7386	SHIRT	100732	62, 168
BLK 7100	KNITTED SWEATER WITH ZIP	110609	24, 158, 187
BLK 7101	KNITTED JACKET	121627	24, 158, 187
BM 245	3/4 TROUSERS	100118	37
BM 257	SHORTS	100119	38
BM 258	TROUSERS	100120	37
BM 259	TROUSERS, WOMEN	100121	37, 196
BM 268	TROUSERS	100122	37
BM 458	JACKET	100123	38
BM 58	COVERALL	100125	38
BNY 949	BANDANA	100126	216
BOX 9329	BOXERS	100757	215
BPC 254	SHORTS	100128	156
BPV 728	SWEATSHIRT	100134	97
BPV 7408	SWEATSHIRT	101005	97
BPV 7410	SWEATSHIRT	101009	97
BPV 7446	SWEATSHIRT	110151	97
BT 401	JACKET TOOL BELT	100136	186
CANV 9320	TOOL BELT	100075	208
CB 9122	BELT COOL MANY & COOL CO	117232	214
CMS 928	COOLMAX® SOCKS	100160	215
CODE 1721	HEAVY PIQUÉ W POCKET	100219	219
CODE 1722	HEAVY PIQUÉ L/SLEEVE	100220	219

MATERIAL	PRODUCT NAME	ART. NO	PAGE
CODE 1723	HEAVY PIQUÉ WOMEN	100221	201, 219
CODE 1724	HEAVY PIQUÉ	100222	219
CODE 1734	SWEATSHIRT	100225	221
CODE 1736	SWEATSHIRT WITH HOOD AND ZIP	111843	221
CODE 1911	T-SHIRT	100239	220
CODE 1912	T-SHIRT HEAVY	100240	220
CODE 1913	T-SHIRT V-NECK	100241	220
CODE 1914	T-SHIRT L/SLEEVE	100242	220
CODE 1917	T-SHIRT HEAVY, WOMEN	100245	201, 221
CORD 250	TROUSERS	100253	32
CS 235	TROUSERS	100254	152
CY 224	TROUSERS	100258	152
CYD 1122	BIB'N'BRACE	116726	17
CYD 2072	TROUSERS	109218	19
CYD 2102	SHORTS	116701	17
CYD 2114	TROUSERS, WOMEN	110328	16, 197
CYD 2115	TROUSERS, WOMEN	110317	16, 196
CYD 2122	TROUSERS, MEN	110313	16
CYD 2123 CYD 2124	TROUSERS, MEN	110327	16
CYD 2124 CYD 2127	3/4 TROUSERS TROUSERS	110316	14,92
CYD 2530	TROUSERS	121314	15
CYD 5905	WAISTCOAT	121314	19
DC 9121	CAP	117034	216
DCS 2501	TROUSERS	115699	150
DY 2149	3/4 TROUSERS	113137	18
DY 229	TROUSERS	100262	18
DY 270	3/4 TROUSERS	100263	18, 150
DY 273	TROUSERS	100264	18, 150
ELP 2080	TROUSERS	120954	78
ELP 3080	COAT	120955	77
EW 4819	WINTERJACKET	100822	182
EW 8613	WINTER COVERALL	100824	179
FAS 1044	WAISTCOAT TROUSERS	121311	28
FAS 201	SHORTS	100276	31
FAS 2130	TROUSERS	122573	14
FAS 2194	TROUSERS, KIDS	100277	203
FAS 247	TROUSERS	100279	30, 92
FAS 250	TROUSERS	100280	29
FAS 253K	TROUSERS	100281	29, 196
FAS 255K	TROUSERS	100282	29
FAS 264	3/4 TROUSERS	100285	31
FAS 265K	TROUSERS	100286	28
FAS 275	SHORTS	100288	29
FAS 280	TROUSERS	100290	67
FAS 283	3/4 TROUSERS	100291	29
FAS 288	TROUSERS	100293	31
FAS 447	JACKET	100303	30
FAS 451 FAS 459	JACKET JACKET	100304	30
FAS 459 FAS 51	BIB'N'BRACE	100305	28
FAS 51	WAISTCOAT	100310	28
FAS 880	COVERALL	100309	68
FAS 881	COVERALL	100319	68
FASI 2140	TROUSERS	113862	30
FASI 447	WINTERJACKET	113083	182
FBPA 1022	BIB'N'BRACE	108652	129
FBPA 2042	TROUSERS	101046	128
FBPA 2050	TROUSERS	108653	129
FBPA 2051	TROUSERS	108655	128
FBPA 4846	JACKET	101050	128
FBPA 8626	COVERALL	108654	129
FCY 4825	37.5® JACKET	100960	20, 161, 184
FE 4041	FLEECE JACKET	119625	101
FE 4400	FLEECE JACKET	114087	101
FL 9119	NECKWARMER	117231	215
FLAM 0030	BIB'N'BRACE	100328	134
FLAM 2030	TROUSERS	100329	134

MATERIAL	PRODUCT NAME	ART. NO	PAGE
FLAM 2031	TROUSERS	100330	135
FLAM 4030	JACKET	100333	134
FLAM 4031	JACKET	100334	135
FLAM 5030	WAISTCOAT	100336	134
FLAM 8030	COVERALL	100338	135
FLE 4004	JACKET	120960	23, 161, 185
FLE 4411	FLEECE JACKET	115683	23, 185
FLH 982	GLOVES	100341	215
FLI 4032	WINTER JACKET	100342	136
FLI 4033	WINTER PARKA	100343	136
FLW 1550	BIB'N'BRACE	117324	133
FLW 2550	TROUSERS	117321	132
FLW 2551	NAIL POCKETS	117327	132
FLW 4550 FLW 8050	JACKET	117323	132
FM 7402	T-SHIRT	110795	192
FM 7403	LONGJOHNS	110795	192
FR 9109	BEANIE	117247	141, 217
FR 9999	BELT	117320	141, 214
FRS 7207	SHIRT	122194	136
FSH 5303	WAISTCOAT	101059	131
FWA 2049	WINTER TROUSERS	108085	130
FWA 4852	WINTER JACKET	108081	130
FWA 4853	PARKA	108082	130
FWA 8625	WINTER COVERALL	108084	130
FWA 9390	WINTER HOOD	108083	131
GLL 4999	GORE-TEX® JACKET	110962	174
GT 4815	AIRTECH® WINTER JACKET	100814	55, 176
GT 4816	AIRTECH® 3-IN-1 JACKET	100815	55, 176
GT 812	AIRTECH® WINTER COVERALL	100362	179
GT 9105	WINTER HAT	117230	100, 216
GTE 403	AIRTECH® ECO JACKET	100364	178
GTH 981	AIRTECH® GLOVES	100365	215
GTT 2035	AIRTECH® WINTER TROUSERS	100994	106
GTT 2698	AIRTECH® WINTER TROUSERS	115682	178
GTT 2699	AIRTECH® WINTER TROUSERS	116158	106, 178
GTT 4035	AIRTECH® WINTER JACKET	119626	107
GTT 4036	AIRTECH® PARKA	119628	107
GTT 4410	AIRTECH® WINTER JACKET	115681	177
GTT 4906	AIRTECH® JACKET	120963	21, 158, 178
GTT 4916 GTT 8015	AIRTECH® JACKET  AIRTECH® WINTER COVERALL	121651	21, 177
		119627	106
GTX 413 GTX 8624	AIRTECH® WINTER JACKET  AIRTECH® COVERALL	100366	179 54, 179
GWC 4862	WINDSTOPPER® JACKET	110078	157, 175
GWC 4962	WINDSTOPPER® JACKET	110659	157, 175
GWG 744	WINDSTOPPER® JACKET	100369	104
GWR 218	WINDSTOPPER® TROUSERS	100368	152, 175
GWR 246	WINDSTOPPER® TROUSERS	100371	104
GWT 4844	WINDSTOPPER® JACKET	101035	175
GXB 2988	GORE-TEX® TROUSER	120986	103
GXB 2998	GORE-TEX® TROUSER	111420	173
GXB 4008	GORE-TEX® PARKA	120964	174
GXB 4834	GORE-TEX® PARKA	100989	102
GXB 4863	GORE-TEX® JACKET	110098	173
GXB 4988	GORE-TEX® JACKET	120987	102
GXB 4998	GORE-TEX® JACKET	111418	173
GXH 2089	GORE-TEX® TROUSERS	110706	126
GXH 4089	GORE-TEX® JACKET	100379	126
H 501	WAISTCOAT	100382	100
KC 1009	BIB'N'BRACE	100812	53
KC 1111	BIB'N'BRACE	113097	49
KC 1112	BIB'N'BRACE	114121	49
KC 2019	TROUSERS	100813	53
KC 2111	TROUSERS	113095	48
KC 2112	TROUSERS	114119	48
KC 4111	JACKET	113096	48
KC 4857	JACKET	109322	53

MATERIAL	PRODUCT NAME	ART. NO	PAGE
KC 7388	SHIRT	100736	25
KC 8111	COVERALL	113098	49
KC 8112	COVERALL	114123	49
KC 9132	KNEEPOCKETS	113405	48
KEV 958	REINFORCEMENT	100388	213
KP 9125	KNEEPADS	121633	213
KP 9395	KNEE PROTECTION	110107	213
KS 955	KNEE PADS	100392	213
KT 957 LF 7445	KNEE PADS SHIRT	100393	213 25, 162, 187
LTHR 9140	TOOLBELT	114154	208
LTHR 9141	TOOL HOLDER	114155	211
LTHR 9142	TOOL HOLDER	114156	211
LTHR 9300	TOOL HOLDER	100011	211
LTHR 9301	TOOL HOLDER	100012	211
LTHR 9303	MATERIAL POUCH	100014	210
LTHR 9304	MATERIAL POUCH	100015	210
LTHR 9305	TOOL HOLDER	100016	211
LTHR 9306	TOOL HOLDER	100017	211
LTHR 9311	HAMMER HOLDER	100032	210
LTHR 9312	KNIFE HOLDER	100033	210
LTHR 9319 LTHR 9321	TOOL BELT	100045	209
LTHR 9321	APRON	100076	133
LTHR 9330	APRON	100867	133
LTHR 9333	TOOL BELT	100898	208
LTHR 9335	TOOL BELT	100900	208
LTHR 9336	TOOL BELT	100901	207
LTHR 9338	MATERIAL POUCH	100903	210
LTHR 9340	TOOL HOLDER	100906	210
LTHR 9371	BELT	100913	214
LTHR 9372	BELT	100914	214
LUXE 9131	KNEEPOCKETS	113398	47
LUXE 1009	BIB'N'BRACE	100806	51
LUXE 1111	BIB'N'BRACE	113101	47
LUXE 1112 LUXE 2019	BIB'N'BRACE TROUSERS	114120	46 50, 154
LUXE 2020	SHORTS	100803	51, 156
LUXE 2084	TROUSERS	120949	36, 46
LUXE 2111	TROUSERS	113099	45, 154
LUXE 2112	TROUSERS	114118	46
LUXE 2117	TROUSERS, WOMEN	121983	45, 154, 197
LUXE 231	TROUSERS	100456	153
LUXE 232	TROUSERS	100457	153
LUXE 233	TROUSERS	100458	153
LUXE 4111	JACKET	113100	45
LUXE 4857	JACKET	109321	50
LUXE 5312	WAISTCOAT	113161	52
LUXE 8111	COVERALL	113102	47
LUXE 8612 LY 783	COVERALL SWEATSHIRT	100807	22, 163
LYS 7783	HOODED SWEATSHIRT WITH ZIP	110309	22, 163
LZS 7008	SWEATSHIRT	113915	26, 163
LZT 7005	T-SHIRT	113912	26, 165
LZT 7006	LST-SHIRT	113913	26, 165
MCY 7710	37.5® T-SHIRT	110310	20, 190
MCY 7711	37.5® LONG JOHNS	110312	20, 190
MEQ 4021	QUILTED JACKET	122221	157, 183
MFAT 2155	TROUSERS	111635	127
MFAT 2166	TROUSERS	111634	127
MFAT 4966	JACKET	111632	127
MFL 4003	JACKET	120966	23, 161, 185
MFR 7044	THERMAL JACKET	121649	141
MFR 7045	THERMAL LONG JOHNS	121650	141
MOF 7022	BRIEFS T-SHIRT L/S	122230	138, 201
MOF 7026 MOF 7027	LONG JOHNS	121639	139
/ U Z /	23110 0011110	121041	100

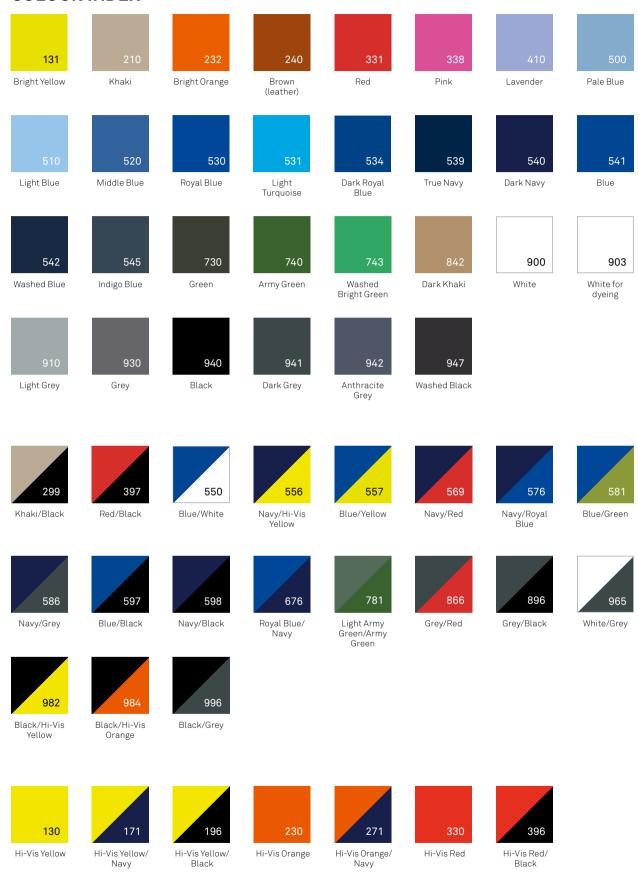
MATERIAL	PRODUCT NAME	ART. NO	PAGE
MOF 7029	T-SHIRT HALFZIP	121640	139
MOF 7031	BOXERS	121642	139
MOF 7036	BRA	121643	138, 201
MOF 7038	COLLAR	121648	138
MPVX 2153	AIRTECH® TROUSERS	100996	105
MPVX 4153	AIRTECH® JACKET	100995	105
MSF 7421	SHIRT	104986	25, 162
MTH 2023	TROUSERS	100922	75, 189
MTH 4034	JACKET THERMO	122188	75
MTH 4808	JACKET	100775	189
MTH 5034	WAISTCOAT THERMO	122189	75
MTH 5300	WAISTCOAT	100711	189
NAS 0257	BIB'N'BRACE, KIDS	100410	204
NAS 1177	BIB'N'BRACE, WOMEN	116406	195
NAS 2077	TROUSERS, WOMEN	110826	195
NAS 2597	TROUSERS	100411	204
NAS 6077	SKIRT, WOMEN	116408	195
NAS 726	APRON	100412	69
NAS 875	COVERALL	100413	68
NV 500	WAISTCOAT	100416	100
NX 1012	BIB'N'BRACE	100931	137
NX 2024	TROUSERS	100930	137
NX 4821	JACKET	100929	137
NXL 7401	SHIRT	100921	137
NYC 2090	TROUSERS	113236	33
NYC 2092	SHORTS	113860	33
NYC 2093	TROUSERS	114026	33,92
OF 787	T-SHIRT	100417	192
OF 788	LONG JOHNS	100418	192
OF 789	PULLOVER	100419	192
P 4062	JACKET, KIDS	122223	203
P 762	JACKET	100461	186
P154 278	TROUSERS	100426	59, 154, 197
P154 1109	BIB'N'BRACE	114104	57
P154 2079	TROUSERS	113839	72
P154 2082	TROUSERS	120008	73
P154 2084	TROUSERS	121223	36, 60
P154 2109	TROUSERS	114103	56, 154
P154 2119	SHORTS	114105	57, 156
P154 2508	SHORTS	117219	60, 156
P154 2580	TROUSERS	117751	59
P154 280	TROUSERS	100427	59, 154
P154 3002	COAT	100762	52
P154 3003	SHORT COAT	113841	72
P1543004	LONG COAT	113840	71
P154 4109	JACKET	114102	56
P154 480	JACKET	100434	59
P154 5109	WAISTCOAT	114106	57
P154 81	BIB'N'BRACE	100436	61
P154 880	COVERALL	100438	60
P159 3001	COAT	100761	69
P159 560	CAP	100451	74
P159 7000	SHIRT	113842	73
P159 7001	SHIRT	113843	73
P159 9130	ID-CARD HOLDER	122114	213
P92 103	COAT	100464	69
P92 163	COAT	100465	69
P92 705	APRON	100466	74
PB 9123	BELT	117233	214
PC 742	PULLOVER	100467	191
PC 743	T-SHIRT	100468	191
PC 747	LONGJOHNS	100469	191
PDQ 4810	JACKET	100792	25, 187
PDQ 5302	WAISTCOAT	101024	25, 187
PF 718	COOLMAX® POLO SHIRT	100470	164
PF 918	COOLMAX® T-SHIRT	100471	164
PFKN 7452	SWEATSHIRT HALF ZIP	114033	27, 160
PFKN 7453	SWEATSHIRT JACKET	114034	27, 160

MATERIAL	PRODUCT NAME	ART. NO	PAGE
PFKN 7454	SWEATSHIRT HOOD	114035	27, 160
PFLA 784	POLO SHIRT	100472	136
PH 759	SWEATER	100473	186
PK 923	JACKET LINING	100475	101
PK 9923	JACKET LINING, WOMEN	111194	98, 198
PLST 9310	HAMMER HOLDER	100031	210
PLU 1014	BIB'N'BRACE	101018	93
PLU 1015	BIB'N'BRACE	101019	93
PLU 2025	TROUSERS	100974	91
PLU 2026	TROUSERS	100975	91
PLU 2027	3/4 TROUSERS	100976	94
PLU 2028	SHORTS	100977	94
PLU 2029	TROUSERS	100978	90
PLU 2032	TROUSERS	100979	90
PLU 2125	TROUSERS, WOMEN	111189	99, 199
PLU 2129	TROUSERS, WOMEN	111190	99, 199
PLU 213	TROUSERS	114099	90, 153
PLU 2135	TROUSERS, WOMEN	111191	99, 199
PLU 2139	TROUSERS, WOMEN	111192	99, 199
PLU 4026	JACKET WOMEN	119621	89
PLU 4129 PLU 8618	JACKET, WOMEN	119623	98, 198
PLU 8618 PLW 2526	TROUSER	121632	151
PLW 2526 PM 7392	POLO SHIRT	100780	65, 167
PM 7392 PM 7393	POLO SHIRT	100780	64, 166
PM 7605	POLOSHIRT	114139	74
PMV 478	JACKET	100490	38, 182
POLY 9343	BELT	100490	209
POLY 9343	BELT	100910	209
POLY 9370	BELT	100912	209
PP 2034	WINTERTROUSERS	100984	109
PP 267	WINTERTROUSERS	100304	180
PP 4042	PARKA	119629	109
PP 4043	WINTERJACKET	119630	109
PP 4131	WINTER JACKET, WOMEN	119624	98, 198
PP 4420	WINTERJACKET	115684	181
PP 444	WINTER JACKET	100496	108
PP 457	PARKA	100497	180
PP 464	JACKET	100498	181
PP 4813	JACKET	100809	54, 180
PP 505	WAISTCOAT	100502	180
PP 8001	WINTERCOVERALL	122168	108
PPL 9317	TOOL HOLDER	100038	210
PPL 9332	TOOL BRACES	100897	209
PPPA 9322	BRACES	100078	213
PPPA 9323	BRACES	100079	213
PR25 1044	WAISTCOAT TROUSER	121312	36
PR25 511	WAISTCOAT	100513	34
PR54 2145	TROUSER	121611	66
PR54 4145	JACKET	121612	66
PRKN 7450	FLEECE PULLOVER HALF ZIP	114031	24, 160, 184
PRKN 7451	FLEECE JACKET	114032	24, 160, 184
PRS 4001	WINTER JACKET	113080	183
PS25 240	PRO TROUSERS	100543	35, 196
PS25 241	PRO TROUSERS	100544	35
PS25 242	PRO TROUSERS	100545	34
PS25 251	PRO TROUSERS	100546	34, 152
PS25 288	PRO TROUSERS	100547	35
PS25 41	PRO BIB'N'BRACE	100548	34
PST 993	ID CARD HOLDER	100550	213
PT 2078	LONG JOHNS	111571	190
PT 7078	PULLOVER	111570	190
PV 4861	JACKET	109924	182
PY 792	SWEATSHIRT	100553	22, 161, 184
RB 994	BELT	100556	214
RIP 2500	TROUSERS	113970	155
RIP 2503	SHORTS	116086	155
RS 216	RAIN TROUSERS	100557	193

MATERIAL	PRODUCT NAME	ART. NO	PAGE
RS 2620	RAIN TROUSERS LEGGINGS	114042	111
RS 2625	TROUSERS	111376	111
RS 410	RAIN COAT	100559	193
RS 432	RAIN JACKET	100561	193
RS 4624	RAIN JACKET	114041	111
RS 4634	RAIN COAT	114040	111
RS 9920	RAIN HAT	114043	111
RSHF 2047	RAIN TROUSERS	101056	131
RSHF 4845	RAIN JACKET	101038	131
RTD 4856	WINTER JACKET	113861	183
RTP 7448	POLO SHIRT	111262	26, 165
RTS 7449	SWEATSHIRT WITH ZIP	111263	26, 163
RTT 7447	T-SHIRT	111261	26, 165
SB 733	SHIRT	100578	67, 162
SB 735	SHIRT	100579	67, 162
SC 9107	CAP	117234	100, 216
SCM 4807 SFA 980	JACKET	100770	159, 188 141, 215
SFLA 984	SWEATSHIRT	100580	136
SFLH 7076	SWEATSHIRT	100381	124
SK 4759	JACKET	100582	203
SK 992	BELT	100583	214
SM 7394	SWEATSHIRT	100782	65, 167
SM 7601	SWEATSHIRT	114135	74
SM 7607	SWEATSHIRT	114140	64, 166
SM 7608	SWEATSHIRT	114142	64, 166
SMC 7016	SWEATSHIRT	121631	64, 166
S0 7420	SHIRT	104985	162
SPC 7409	SHIRT	101008	96
SS 927	SOCKS	100585	215
SSL 4840	SOFTSHELL JACKET	101006	96
SSM 4500	SOFTSHELL JACKET	113979	159, 188
SSR 4119	SOFTSHELL JACKET	113930	54, 159, 188
STF 9101	STRETCH FLEECE BEANIE	113316	100, 217
STRE 9342	BELT	100909	214
STRE 9950	BELT	117258	214
TCY 7404	37.5® T-SHIRT	100965	20, 164
TCY 7405	37.5° T-SHIRT	100966	20, 164
TFLH 7072	T-SHIRT L/S	111842	124
TFLH 7073	T-SHIRT S/S	110736	124
TH 1001	BIB'N'BRACE	100003	110
TH 2001	TROUSERS	100002	110
TH 4794	JACKET	100001	110
TH 5304	WINTER WAISTCOAT	110141	108
TH 5305	WAISTCOAT	110259	94
TH 8601 THL 2528	COVERALL	100004	110
	SHORTS	114097	94
TM 7391 TM 7603	T-SHIRT T-SHIRT	100779	65, 167 74
TP 7411	T-SHIRT	101010	96
TPR 7024	T-SHIRT	111333	95
TPR 7025	POLO SHIRT	111332	95
TPS 7406	POLO SHIRT	100972	95
TPS 7407	T-SHIRT	100973	95
TWD 9116	CAP	111554	216
TY 7906	T-SHIRT	110308	22, 165
UD 7431	SAFE T-SHIRT S/S	109842	140
UD 7436	SAFE T-SHIRT L/S	109848	140
UD 7437	SAFE LONG JOHNS	109849	140
UE 7416	UNDERWEAR	101031	191
UL 7432	SPIRIT LONG JOHNS, WOMEN	109843	138, 201
US 929	SOCKS	100622	215
VL 431	SHIRT	100629	25
WOP 7418	SWEATER	101034	186
WY 2073	TROUSERS	110315	19
WYH 2083	TROUSERS	117060	91
XA32 2R011	TROUSERS	100630	84
XA32 2R123	TROUSERS	100631	84
	-		

MATERIAL	PRODUCT NAME	ART. NO	PAGE
XA32 3R129	COAT	100632	84
XA32 5R012	CAP	100634	84
XA32 7R011	SHIRT	100635	84
XA32 8R011	COVERALL	100636	84
XA80 2R014	LONG JOHNS	100638	85
XA80 7R005	T-SHIRT	100639	85
XA80 7R014	T-SHIRT	100640	85
XA80 7R015	T-SHIRT	100641	85
XF85 6R013	SOCKS	100646	83
XR50 1R011	COAT	100647	82
XR50 5R011	HOOD	101083	83
XR50 5R181	HOOD	100649	83
XR50 8R012	COVERALL	100650	82
XR50 8R013	COVERALL	100651	82
XR50 8R220	COVERALL	104966	83
XR50 9124	BOOT	119934	83
XSM 4080	SWEATSHIRT JACKET	121675	78
XTM 7080	POLOSHIRT	120956	79
XTM 7080	T-SHIRT	120958	79
XTM 7081	T-SHIRT	120959	79

### **COLOUR INDEX**



Please note that the colour dots are only indications of the original colours. Subject to color deviations in the printing.

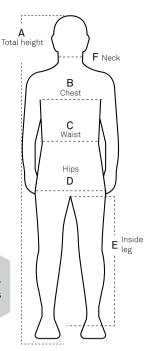
### SIZE GUIDE

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 from the chapter Woman, otherwise, the tables for men apply. There are separate size tables for Acode. For a limited number of anti-flame garments, there are separate tables B and C.

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.



PLEASE NOTE! USE YOUR BODY MEASUREMENTS

Jackets, trousers and coveralls. Total height 176-184 cm. This table shows the size group Regular for coveralls.

MEN SIZES		C40	C42	C44	C46	C48	C50	C52	C54	C56	C58	C60	C62	C64	C66					
			RE	XS / GULAR XS	REC	S / GULAR S	REC	M/ SULAR M	REG	L/ GULAR L	REG	XL/ GULAR XL	REG	2XL/ GULAR 2XL	REC	3XL/ GULAR 3XL	REG	4XL/ GULAR 4XL	REC	5XL/ SULAR 5XL
Figure C	B Chest cm	80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140	144	148	152
Normal waist	C Waist cm	68	72	76	80	84	88	92	97	102	108	114	120	126	132	138	144	150	156	162
A Total height	D Hips cm	88	91	94	98	102	106	110	114	118	122	126	130	134	138	142	146	150	154	158
176 – 184 cm	E Inside leg cm	80	80	80	80	82	82	82	82	84	84	84	84	84	84	84	84	84	84	84

Trousers and coveralls. Total height 184-192 cm This table shows the size group Tall for coveralls.

MEN SIZES		C144	C146	C148	C150	C152	C154	C156	C158	C160	C162	C164	C166	C168
		TALL XS		TALL S		TALL M		TALL L		TALL XL		TALL 2XL		TALL 3XL
Figure C	B Chest cm	88	92	96	100	104	108	112	116	120	124	128	132	136
Normal waist	C Waist cm	76	80	84	88	92	97	102	108	114	120	126	132	138
A Total height 184 – 192 cm	D Hips cm	94	98	102	106	110	114	118	122	126	130	134	138	142
	E Inside leg cm	85	85	87	87	87	87	89	89	89	89	89	89	89

Trousers and bib'n'brace. Total height 192-200 cm.

MEN SIZES		C246	C248	C250	C252	C254	C256	C258	C260
Figure C Normal waist	B Chest cm	92	96	100	104	108	112	116	120
	C Waist cm	80	84	88	92	97	102	108	114
A Total height	D Hips cm	98	102	106	110	114	118	122	126
192 – 200 cm	E Inside leg cm	90	92	92	92	92	94	94	94

Trousers and coveralls. Total height 168-176 cm. This table shows the size group Short for coveralls.

MEN SIZES	D84	D88	D92	D96	D100	D104	D108	D112	D116	D120	D124	D128	D132	D136	
			SHORT XS	:	SHORT S	s	HORT M	!	SHORT L		SHORT XL	:	SHORT 2XL		SHORT 3XL
Figure D	B Chest cm	84	88	92	96	100	104	108	112	116	120	124	128	132	136
Large waist	C Waist cm	78	82	86	90	94	98	103	108	114	120	126	132	138	144
A Total height	D Hips cm	93	96	100	104	108	112	116	120	124	128	132	136	140	144
168 – 176 cm	E Inside leg cm	76	76	76	78	78	78	78	80	80	80	80	80	80	80

Tables for women's garments from the chapter Woman on pages 190-195.

WOMEN SIZES			C34	C36	C38	C40	C42	C44	C46	C48	C50	C52		
	XS S M L			XL		2XL		3XL						
Figure C	B Chest cm	76	80	84	88	92	96	100	104	110	116	122	128	134
Normal hips	C Waist cm	63	66	69	72	76	80	84	88	93	99	105	111	117
A Total height	D Hips cm	87	90	93	96	99	102	106	110	115	120	125	130	135
164 – 172 cm	E Inside leg cm	80	80	80	80	80	80	80	80	80	80	80	80	80

MENS SHIRTS SIZES	xs	s	м	L	XL	2XL	3XL
F Neck measurement in cm	35 - 36	37 - 38	39 - 40	41 - 42	43 - 44	45 - 46	47 - 48

### В

Size table only for Nomex trousers and bib'n'brace on page 137. Inside leg 82 cm.

TROUS	SERS	SIZES	72	76	80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140
		C Waist cm	72	76	80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140

### C

Size table only for Flam Trousers on pages 128-129.

TROUSERS	SIZES	C44	C46	C48	C50	C52	C54	C56	C58	C60	C62	C64	C146	C148	C150	C152	C154	C156
	C Waist cm	76	80	84	88	92	96	100	104	108	112	116	80	84	88	92	96	100
	E Inside leg cm	80	80	82	82	82	82	84	84	84	84	84	85	87	87	87	87	89

KIDS SIZES (A = TOTAL HEIGHT)	98/104	110/116	122/128	134/140	146/152
B Chest cm	55	58	62	67	73
C Waist cm	52	54	56	59	63
D Hips cm	58	62	66	72	79
E Inside leg cm	41	48	54	60	67

SIZE GUIDA	NCE, SEE OU	R SIZE TABLE	FOR MEASUR	REMENTS
3-4 YEARS	5-6 YEARS	7-8 YEARS	9-10 YEARS	11-12 YEARS
98/104	110/116	122/128	134/140	146/152

### Acode

MEN SIZES	xs	S	М	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	М	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 CONVERSION TABLE

WAIST																													
Waist inch-sizes	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 cm	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			
Inside leg inches	30	32	34
Inside leg cm	76	81	86

