



Björnkläder

2017

Björnkläder workwear



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About us

- Workwear and PPE specialists

As companies are increasingly becoming generalists, selling almost everything for everyone, we prefer to specialise in one segment – workwear and personal protective equipment.

Our professionalism, expertise and extensive range of selected products from renowned brands bring peace of mind to our customers, enabling them to work safely and without risk of personal injury.

Our mission is “to make work safer and more comfortable every day, and help our customers become more successful”

Our history

- 1832** Cavalry captain Leonard Groll sets up the first shop for workwear, “L.Grolls Linen Shop” in Stockholm's Old Town
- 1905** J.F. Bellander starts manufacturing workwear in Gävle under the Björnkläder trademark
- 1924** The mining engineers Palén and Carlson start importing and selling respiratory protective equipment from Germany. The company Birger Carlson & Co later becomes BICAPA AB
- 1994** Merger of Bicapa and Björnkläder Grolls AB
- 2000** Name change to Berendsen Safety AB
- 2005** Björnkläder celebrates 100 years
- 2006** Name change to Björnkläder AB
- 2011** Name change to Grolls AB
- 2011** Grolls acquires Nytello
- 2012** Grolls acquires Univern
- 2016** Grolls is acquired by Swedol



The first Grolls store

Grolls – Part of Swedol

Grolls has been owned by Swedol since 8 June 2016. Swedol offers a broad and attractive range of products based on the needs and preferences of professional users. The range combines quality with value for money and includes both external brands and private labels.

swedol

Our brands

Björnkläder

Björnkläder is one of the oldest workwear trademarks in Sweden. As early as 1905, Björnkläder began producing durable, protective and comfortable workwear for all kinds of professions and occupations. Like Grolls, Björnkläder is committed to responsible environmental and sustainable practices, which is why many of the garments meet the strict criteria of the Oeko-Tex standard. The Björnkläder range is sold in Grolls' workwear stores, at selected retailers and through our online store.



Univern

Univern is a Norwegian premium brand company that has been producing workwear since 1977. Univern offers a full range of workwear and is something of a specialist in professional outdoor clothing for situations and conditions where protection from the wind, rain and cold is needed. The Univern range is sold in Grolls' workwear stores and through our online store.



Grolls' stores and retailers

Grolls has 31 workwear stores across the whole of Sweden, from Luleå in the north to Malmö in the south. Grolls also has four workwear stores in Finland and Estonia. The 12 stores that we have in Norway are called Univern Center.



Quality and the environment

Grolls AB has achieved accreditation to the ISO 9001 and ISO 14001 standards. This means that our main operations are documented and are geared towards the achievement of measurable objectives. We care about people and the environment at every stage of the supply and production chain of our products. We therefore work with our products from many views and perspectives.

Product certification

Many of our products comply with the PPE Directive (89/686 EEC) and are certified as meeting standards of the Directive. Each product group has its own set of standards to meet. The standards that apply to the product group are shown under the respective tab.



Chemicals in goods, REACH

REACH is an EU regulation that came into force in the whole of the European Union on 1 June 2007. REACH stands for Registration, Evaluation, Authorisation and Restriction of Chemicals. The aim of REACH is to obtain information on and manage harmful chemicals that are imported or are already being used in the European market. More information can be found about REACH on the websites of the Swedish Chemicals Agency and ECHA:

www.kemi.se
www.echa.europa.eu



Grolls has an ongoing working relationship with the Chemicals Group at Swerea IVF, suppliers and industry organisations to ensure that all regulations and requirements are implemented so that neither users nor personnel are exposed to hazards during the production, handling or use of our products. Grolls' Restricted Chemicals List is a key part of our process of minimising the use of unwanted chemicals. The document specifies the compounds and substances that are banned or restricted by law or other forms of regulatory control. The Restricted Chemicals List is updated regularly, has a central role in the purchasing process and imposes the requirement for manufacturers to comply.

Oeko-Tex

Oeko-Tex Standard 100 is the world's leading human ecology label for textiles that have been tested for hazardous substance content. Products carrying the Oeko-Tex Standard 100 label have been produced in compliance with human-ecological requirements and have been tested and approved by internationally recognised textile institutes. This label provides a guarantee that textiles are safe for human use. A new logo is being developed for the Oeko-Tex Standard 100 and both the old and new logos will appear together for some time on our garments. A number of products in our range are certified under the Oeko-Tex Standard 100. See the labelling in the catalogue or on Grolls' website for information.



Social Responsibility

Grolls AB cares about people and the environment at every stage of the supply and production chain of our products. We work to ensure that the production of our workwear and other products takes place under satisfactory conditions. In 2008, Grolls AB became a member of BSCI – Business Social Compliance Initiative, which is a business-driven initiative for companies to improve working conditions in their global supply chains. The joint Code of Conduct is based on the ILO conventions for the protection of workers' rights, the UN declarations on human rights and OECD guidelines for multinational companies. The following main elements are included:

- Freedom of association and the right to collective bargaining
- Prohibition of discrimination
- Prohibition of child labour and special protection for young workers
- Prohibition of forced labour
- Compensation and wages
- Working hours
- Health and safety in the workplace
- Environmental and safety issues
- Implementation of a policy for social accountability
- Anti-bribery and anti-corruption policy

“We are continuously improving and developing our quality and environmental processes”

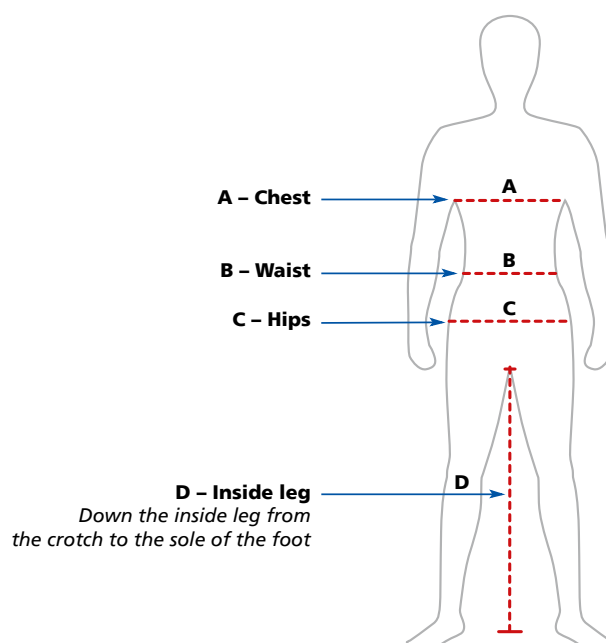


We require our suppliers to comply with the BSCI Code and we perform audits and assessments of production facilities in high-risk countries. *If you would like further details about our Restricted Chemicals List or other information in connection with this, please contact Grolls' Quality & Environmental Manager.*

Björnkläder

– Choose the right size

You and your clothing perform better when your garments are the right size. To find the right size, measure your body as shown in the diagram and compare the measurements with the sizing chart, which also contains body measurements. When designing the garments, we add the accessories that ensure ease of movement and comfort.



Men's sizes (this indicates body measurements, not the garment)

Average height and build

	C42	C44	C46	C48	C50	C52	C54	C56	C58	C60	C62	C64	C66	C68	C70
A Chest	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140
B Waist	72	76	80	84	88	92	97	102	108	114	120	126	132	138	144
C Hips	90	93	97	101	105	109	113	117	121	125	129	133	137	141	145
D Inside leg	77	78	79	80	81	82	83	84	84	85	85	86	86	86	86
	XS	S	S	M	M	L	L	XL	XL	2XL	2XL	3XL	3XL	4XL	4XL

Tall, average build

	C144	C146	C148	C150	C152	C154	C156	C158
A Chest	88	92	96	100	104	108	112	116
B Waist	76	80	84	88	92	97	102	108
C Hips	93	97	101	105	109	113	117	121
D Inside leg	83	84	85	86	87	88	89	89

Short, stout

	D88	D92	D96	D100	D104	D108	D112	D116	D120	D124
A Chest	88	92	96	100	104	108	112	116	120	124
B Waist	82	86	90	94	98	103	108	114	120	126
C Hips	95	99	103	107	111	115	119	123	127	131
D Inside leg	74	75	76	77	78	79	80	80	81	81

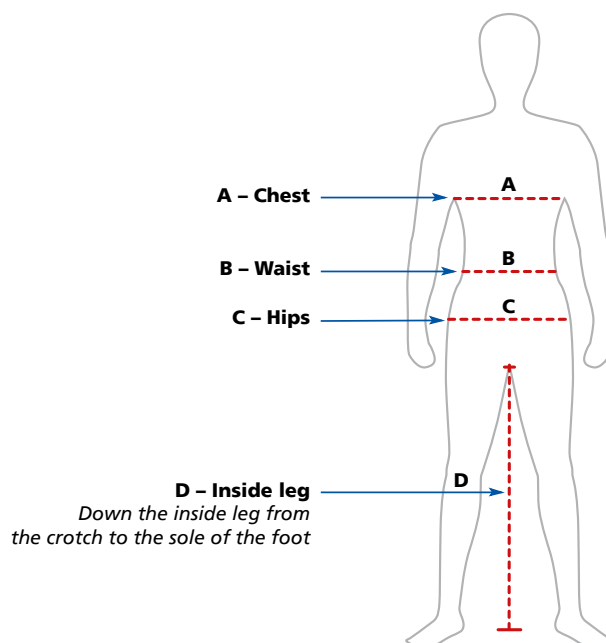
Women's sizes (the measurements are body measurements, not garment)

	C34	C36	C38	C40	C42	C44	C46	C48	C50	C52	C54	C56	C58
A Chest	80	84	88	92	96	100	104	110	116	122	128	134	138
B Waist	66	69	72	76	80	84	88	94	100	106	112	118	124
C Hips	90	93	96	99	102	106	110	116	122	128	134	140	146
D Inside leg	78	79	80	80	81	81	81	82	82	82	83	83	83
	XS	S	S	M	M	L	L	XL	XL	XXL	XXL	3XL	3XL

Univern

– Choose the right size

You and your clothing perform better when your garments are the right size. To find the right size, measure your body as shown in the diagram and compare the measurements with the sizing chart, which also contains body measurements. When designing the garments, we add the accessories that ensure ease of movement and comfort.



Men's sizes (this indicates body measurements, not the garment)

Trousers/boiler suits

Size	44	46	48	50	52	54	56	58	60	62	64	66	68
Size with long leg		C146	C148	C150	C152	C154	C156						
A Chest	88	92	96	100	104	108	112	116	120	124	128	132	136
B Waist	78	82	86	90	94	98	102	107	112	117	122	127	132
C Hips	94	98	102	106	110	114	118	122	126	130	134	138	142
D Inside leg*	78	79	80	81	82	83	84	85	86	87	88	89	90
	XS	S	S	M	M	L	L	XL	XL	XXL	XXL	3XL	3XL

* C146-C156 with longer leg, i.e. +10 cm inside leg length.

D – sizes, trousers

Size	D96	D100	D104	D108	D112	D116	D120	D124
B Waist	92	96	100	104	108	113	118	123
C Hips	104	108	112	116	120	124	128	132
D Inside leg*	74	75	76	77	78	79	80	81

Women's sizes (the measurements are body measurements, not garment)

Trousers

Size	34	36	38	40	42	44
B Waist	66	70	74	78	82	86
C Hips	90	94	98	102	106	110
D Inside leg	78	79	80	81	82	83
	XS	S	M	L	XL	XXL

Other sizes

Size	XS	S	M	L	XL	XXL	XXXL
Shirts	35/36	37/38	39/40	41/42	43/44	45/46	
Hats		55	56/57	58/59	60/61		

Brief information about standards and markings for clothing that appear in our catalogue



EN ISO 11612 - CLOTHING TO PROTECT AGAINST HEAT AND FLAME

Clothing approved under the EN ISO 11612 standard provides protection while working in hot environments where there is a risk of sudden contact with a small flame. The clothing also provides various degrees of protection against heat convection and radiant heat for a limited time and intensity. The standard does not apply for welding operations or equipment for fire-fighters.

Coding

A, Limited flame spread.

Classes:

A1 and A2. No edge ignition, no burn holes, no molten debris and no flaming. After glow time shall be less than 2 seconds.

Tests are conducted by applying the flame from the edge of the fabric and from above. A1 is surface ignition and A2 is edge ignition.

B, Convective heat:

B1, B2 and B3. The HTI (Heat Transfer Index) indicates how many seconds it takes to attain a temperature rise of 24°C. Highest class B3.

C, Radiant heat:

C1, C2, C3 and C4. The number of seconds it takes for radiant heat to cause the temperature to rise by 24°C. Highest class C4

D, Molten aluminium splash: D1, D2 and D3. A PVC membrane is attached to the reverse of the fabric sample and the minimum amounts of molten aluminium for each class are then splashed on the sample. The PVC membrane must be undamaged after the test has been carried out. The highest class is D3.

D, Molten iron splash:

E1, E2 and E3. A PVC membrane is attached to the reverse of the fabric sample and the minimum amounts of molten iron for each class are then splashed on the sample. The PVC membrane must be undamaged after the test has been carried out. The highest class is E3.

F, Contact heat.

F1, F2 and F3. Indicates the resistance of the fabric in seconds. The fabric shall not ignite or shrink due to temperatures of up to 250°C. (This code was not included in EN 531)

Some design requirements: - The garment must cover the whole upper body, neck, arms and legs. Jackets/tops must overlap with trousers/bottoms when the body is moving, e.g. when stretching or kneeling.

The following also apply for codes D and E: - trouser legs and sleeves must not be turned up.

- all pockets must have flaps that are at least 20 mm wider than the actual pocket opening. This rule does not apply to side pockets on trousers with openings placed at an angle of less than 10° to the side seam.

Other details: - Codes A, B and C are mandatory, while codes D, E and F are optional requirements.

- Specific tests are conducted to ensure that fabrics and seams meet the requirements for strength and dimensional stability to washing.

- CARE INSTRUCTIONS: Follow the washing instructions on the label in your garment. Close zips and buttons before washing the garment. Only use a synthetic detergent. Check the garment after washing and drying before use.



EN ISO 11611 - PROTECTIVE CLOTHING FOR USE IN WELDING AND ALLIED PROCESSES

(Protective clothing for use in welding and allied processes)

Clothing approved under the EN ISO 11611 standard provides protection for those carrying out welding operations. There are two classes - Class 1 and Class 2. (See the comparison below)

Coding

Molten metal: Class 1: 15 drops may cause a temperature rise of 40° on the fabric's reverse side without ignition
Class 2: 25 drops may cause a temperature rise of 40° on the fabric's reverse side without ignition

Heat transmission: Class 1: At least 7 sec, 20 kW/m² heat flow
Class 2: At least 16 sec, 20 kW/m² heat flow

Some design requirements:

- The garment must cover the whole upper body, neck, arms and legs. Jackets/tops must overlap with trousers/bottoms when the body is moving, e.g. when stretching or kneeling.

- all pockets must have flaps that are at least 20 mm wider than the actual pocket opening. This rule does not apply to side pockets on trousers with openings placed at an angle of less than 10° to the side seam. A ruler pocket with an opening of 75 mm or less may be placed behind the side seam.

- trouser legs and sleeves must not be turned up.

Other:

- Specific test methods are used to ensure that fabrics and seams meet the requirements for wear, tear and washing.



EN 1149-5 - PROTECTIVE CLOTHING - ELECTROSTATIC PROPERTIES - Part 5: Material performance and design requirements

(Protective clothing - Electrostatic properties - Part 5: Material performance and design requirements)

Clothing approved under the EN 1149-5 standard provides protection against the danger caused by static electricity.

Some design requirements:

- Buttons, zips and other fastenings must be covered with the anti-static fabric.

Other:

- When the EN-1149-1 standard or the EN 1149-3 standard is mentioned, this is the designation of fabrics that meet the standard's requirements for electrostatic properties.

- The use of protective footwear marked with ESD is recommended.



EN 61482-1-2/IEC 61482-2 - LIVE WORKING – PROTECTIVE CLOTHING AGAINST THE THERMAL HAZARDS OF AN ELECTRIC ARC
(Live working - Protective clothing against the thermal hazards of an electric arc. Part 2: Requirements).

EN 61482-1-2/IEC 61482-2 is the first European standard covering protective clothing against electric arcs. There are two classes (see the comparison below).

Coding

- Class 1: Equivalent to 4 kA, 400 volt for 500 ms. The material or garment must not burn for more than 5 seconds, melt through or form holes larger than 5 mm.
- Class 2: Equivalent to 7 kA, 400 volt for 500 ms. The material or garment must not burn for more than 5 seconds, melt through or form holes larger than 5 mm.

Some design requirements:

- Buttons, zips and other fastenings must be covered by the electric arc resistant fabric.

Other:

- IEC61482-2 requires garments to be sewn with flame resistant threads. This is not a requirement for garments complying with the EN 61482-1-2 standard.

ATPV
XX.X
Cal/cm²

ATPV (Arc Thermal Protective Value)

ATPV indicates that the garment/fabric has been arc flash tested according to the EN 61482-1-1/ASTM F1959 standard and provides protection against incident energy, the value of which is given in units of calories per square centimetre. The ATPV shows the lowest rating at which the energy of the electric arc causes the fabric to break open. At this value, there is a 50% probability that sufficient heat will transfer through the garment/fabric to cause a second-degree burn injury based on the Stoll Curve. The higher the value, the better the protection provided by the garment/fabric. When working in an environment where there is the possibility of being exposed to an arc flash, it is important to wear several layers of clothing, e.g. with a flame-resistant base layer, to provide strong protection.



EN 13034 Type PB [6] PROTECTIVE CLOTHING AGAINST LIQUID CHEMICALS - PERFORMANCE REQUIREMENTS FOR CHEMICAL PROTECTIVE CLOTHING OFFERING LIMITED PROTECTIVE PERFORMANCE AGAINST LIQUID CHEMICALS
(Type 6 and Type PB [6] equipment)

The garment should be used together with chemical resistant gloves, boots and other garments that offer protection according to the EN 13034 standard. The protective clothing can be used where there is a risk of minor exposure to chemical splashing/splattering, where a full chemical barrier is not required. Specialist industrial laundering is required for reapplication of the garment; reapplication should be performed after 5 washes to maintain protection. Type PB[6] garments provide partial body protection and have not been subjected to a whole-suit test (5.2). The material has been tested against the following chemicals in accordance with the EN 13034 standard: Sulphuric acid, H₂SO₄ 30%, Sodium Hydroxide, NaOH 10%, O-Xylene, Butan-1-ol. For information and results for repellency and penetration of liquid chemicals (index 1-3, highest level 3) for each garment, please see the information inside the garment.

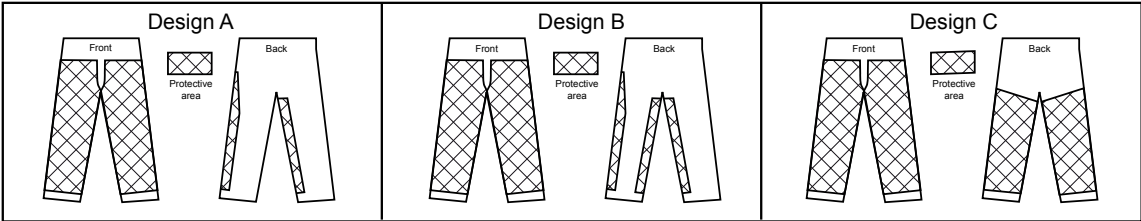
Test	Method	According to the required standard EN 13034:2005
The following fabric properties have been tested (levels 1-6, with 6 being the highest level):		
Abrasion resistance	EN 530-2	Level 1 > 10 cycles
Tearing strength (Trapezoid procedure)	ISO 9073-4	Level 1 > 5N
Breaking strength	EN ISO 13934-1	Level 1 > 30N
Puncture resistance	EN 863	Level 1 > 5N
Seam strength	EN ISO 13935-2	Class 1 > 30N



EN 381-5 - CHAIN SAW PROTECTION, REQUIREMENTS FOR LEG PROTECTORS

Garments approved under the EN 381-5 standard are intended for use during logging/chainsaw operations. There are three classes where the classification describes how the trouser protection withstands the speed of the chainsaw. Choice of design: Designs A and B both cover the front of the legs and are intended for use in normal logging work by professional foresters who are highly-trained and knowledgeable in the field. However, designs A and B differ with respect to the protection on the inside of the leg. See the diagram. Design C covers the whole leg and is intended for use by persons who do not normally work with chainsaws or extraordinary situations, e.g. work in trees. Make sure that the chainsaw protection in the trousers overlaps the chainsaw protection in the footwear.

Klass 1: 20 m/s
Klass 2: 24 m/s
Klass 3: 28 m/s





EN ISO 20471/EN 471 - HIGH VISIBILITY PROTECTIVE CLOTHING FOR PROFESSIONAL USE - Test methods and requirements. Certified high-visibility garments conform to the requirements of the EN 471 and EN ISO 20471 standards. These stipulate the surface area for reflective and fluorescent materials, and the luminance and colourfastness of the fabrics. There are also strict design requirements regulating the placing of reflectors, fluorescent material, etc. The safety classification (1-3) for area and reflective material is stated next to the symbol inside the garment, with 3 being the highest class.

Minimum area requirements for approval under EN 471/EN ISO 20471	CLASS 1	CLASS 2	CLASS 3
High-visibility fabric/fluorescent area	0.14 m ²	0.50 m ²	0.80 m ²
Reflective	0.10 m ²	0.13 m ²	0.20 m ²
Combined background/reflective	0.20 m ²	-	-

Some design requirements:

- The areas shown in the chart above are calculated for the smallest size of each model.
- The fluorescent material must go all the way round the body, arms and legs.
- The lower reflective strip must be at least 5 cm from the bottom of the garment. There must be at least 5 cm between the reflective strips.
- If a fabric in a contrasting colour is used, there must be about the same amount of this fabric on the front and back of the garment.

Other:

- A combination of, for example, trousers in Class 2 with a jacket in Class 1 does not automatically give Class 3.
- There are certain differences in design requirements between EN 471 and EN ISO 20471. The EN ISO 20471 standard also requires the fabric to pass the luminance tests after being washed at least five times.



EN 343 - PROTECTIVE CLOTHING - PROTECTION AGAINST BAD WEATHER

This standard specifies the requirements for clothing designed to give protection against bad weather. The standard requires tests to be conducted on fabrics and seams. The values next to the umbrella symbol indicate the waterproofing (class 1-3) and the water vapour permeability (class 1-3) of the garment. Class 3 indicates the best performance.



EN 342 - PROTECTIVE CLOTHING - PROTECTION AGAINST COLD

Clothing approved under the EN 342 standard provides protection against cold. The definition of cold is, according to the standard, environments with temperatures below -5°C. Requirements relating to thermal insulation (indicated as mK/W, the higher the better), air permeability (class 1-3 where 3 is the best) and water (optional).

OEKO-TEX® STANDARD 100

Björnkläder continues its environmental work by certifying its garments in line with the requirements of the Oeko-Tex standard. The Oeko-Tex® Standard 100 label ensures the human ecological quality of a product. Certified garments are manufactured from materials and components that have been inspected for chemical content in line with the Oeko-Tex testing system. To find out which garments are certified under the Oeko-Tex Standard, please visit our website: www.grolls.se



Washing instructions

All of our clothes have been tested and labelled with recommended advice for washing with symbols and temperatures. Follow the instructions to extend the life of your clothes. Before washing, empty all pockets and do up zips.

Laundry detergent

Follow the dosage instructions on the pack carefully. Avoid using detergents containing bleaching agents on any coloured items. Use a detergent for white wash for white/light-coloured workwear. Always choose a detergent that can be used for the temperature shown on the care label.

Pre-wash

For heavily soiled clothes, use the same amount of detergent for the pre-wash as for the main wash cycle. Only heavily soiled clothes should be pre-washed. Do not soak - undissolved detergent may cause discolouration.

Main wash

Always sort clothes by wash temperature and colour before washing. Never wash light colours with dark colours. Never wash white clothes with coloured clothes. If it says "wash separately" on the laundry label, it means the dye may bleed onto other items of clothing.

Drying

In most cases it is best to hang garments to dry. Shake the garment, smooth out creases and seams and hang it up. Winter garments with lining dry best when turned inside-out. If workwear is tumble-dried, it is important not to over-dry the clothes and ensure that the temperature is not too high. Over-drying can damage and shrink clothing. This applies to all kinds of fabric.

NB.

For workwear with strong colours and reflective parts (especially high-visibility garments EN ISO 20471/EN 471), we recommend that the clothing is turned inside out before washing. This extends the life of reflective parts and allows the clothes to retain their colour. Do not use fabric softeners on garments with taped seams or breathable garments.



Specifies temperature of wash water



Do not wash



Dry clean only



Do not dry clean



May be tumble dried



Do not tumble dry



Maximum iron temperature of 200°C (cotton)



Maximum iron temperature of 150°C (polyester/cotton)



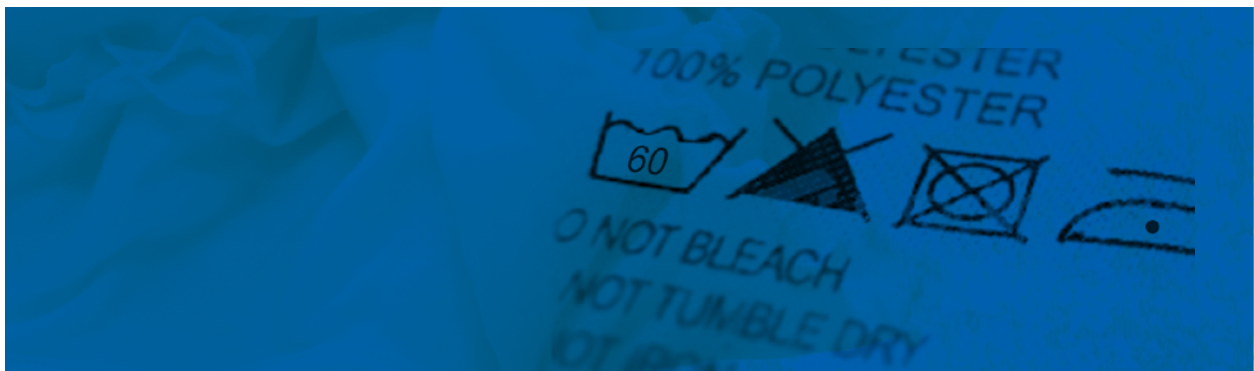
Maximum iron temperature of 100°C (nylon/beaver cloth)



Bleach can be used



Do not bleach



We offer printing and embroidery for workwear to suit your needs!

Let your clothing be a part of your company's image! We can print and embroider names and company logos in different sizes and colours virtually anywhere on the garments! We use the latest equipment and technologies. Contact us for more information!

Embroidery

Embroidery is very long-lasting and adds a more exclusive touch to garments than printing. It looks good on jackets, shirts, sweatshirts and caps. We use the latest technology and can embroider in a wide range of colours.

Transfer printing

Transfer printing is the most common method for applying a company logo to workwear and promotional clothing. We have our own hot transfer presses in the stores and partner with the best suppliers of transfers to meet our quality and environmental requirements.

Fine stitching

Our in-house stitching department has years of experience of repair work and special stitching. We can alter trouser legs with turn-ups and lengthening, apply reflectors, add extra inserts and pockets and customise clothing to meet individual wishes and needs.







Carpenter trousers EPIC, Carpenter Nordic

Trousers made of water-repellent fabric, utility pockets with compartments for tools and pens. Reinforced pockets, knees and ankles. Safety pocket with zip on left utility pocket. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket. Knee pad pouches (to take pads 972290 and 972292). Reflective trim on left calf.

Fabric: 60% cotton, 40% polyester (reinforced with 100% polyamide).

Weight: 370 g. Wash at: 60°C

Size: 44 - 60, 92 - 124, 146 - 156

OrderNo: **685072899** Black



Carpenter trousers stretch, Carpenter Nordic

Trousers with stretch fabric at the crotch, rear and over the calves. Utility pockets with compartments for tools and pens. Reinforced pockets, knees and ankles. Safety pocket with zip on left utility pocket. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Double hammer loops. Thigh pockets with knife button, pockets for ruler, pens and mobile phone. Flap on left thigh pocket. Zip-up safety pocket. Knee pad pouches (to take pads 972290 and 972292). Reflective trim on left calf.

Fabric: 100% cotton, stretch 49% polyamide 42% polyester 9%

Elastane (reinforced with 100% polyamide). Weight: 350 g.

Wash at: 60°C

Size: 44 - 60, 92 - 124, 146 - 156

OrderNo: **686070836** Grey

686070899 Black



Hammer holder

Metal hammer holder with Velcro closure for belt.

OrderNo: **331166**



Carpenter trousers stretch, Carpenter Nordic **New!**

Trousers with stretch fabric at the crotch, rear and over the calves. Utility pockets with compartments for tools and pens. Reinforced pockets, knees and ankles. Safety pocket with zip on left utility pocket. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Velcro at waistband for hammer holder (331166). Thigh pockets with knife button, pockets for ruler, pens and mobile phone. Flap on left thigh pocket. Zip-up safety pocket. Knee pad pouches (to take pads 972290 and 972292). Reflective trim on left calf.

Fabric: 65% polyester 35% cotton, stretch 49% polyamide 42% polyester 9% elastane (reinforced with 100% polyamide). Weight: 260 g. Wash at: 60°C

Size: 44 - 60, 92 - 124, 146 - 156

OrderNo: **686172599**





Carpenter trousers, Carpenter ACE

Trousers with pockets for tools and pens. Reinforced pockets, knees and ankles. Safety pocket with zip on left utility pocket. Pocket for first-aid kit. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket. Knee pad pouches (to take pads 972290 and 972292). Pen pocket lowest down on right leg. Reflective trim on left calf.

Fabric: 100% cotton (reinforced with 100% polyamide). Weight: 350 g

Wash at: 60°C

Size: 44 - 60 (Black 44 - 70), 92 - 124, 146 - 156

OrderNo: **675070846** Clay
675070869 Navy
675070899 Black



Floor-laying trousers, Carpenter ACE

Trousers with pockets for tools and pens. Reinforced pockets, knees and ankles. Safety pocket with zip on left utility pocket. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pocket for floor-laying knives, ruler pocket, mobile phone pocket, flap closure on thigh pockets. Knee pad pouches (to take pads 972290, 972292 and 972294).

Fabric: 100% cotton (reinforced with 100% polyamide). Weight: 350 g

Wash at: 60°C

Size: 44 - 60, 92 - 124, 148 - 156

OrderNo: **681070836** Grey
681070899 Black



Carpenter trousers, Carpenter Jubilee

Trousers with pockets for tools and pens. Reinforced pockets, knees and ankles. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket. Zip on left thigh pocket. Knee pad pouches (to take pads 972290, 972292 and 972294).

Fabric: 100% cotton (reinforced with 100% polyamide). Weight: 350 g

Wash at: 60°C

Size: 44 - 60 (Black 44 - 64), 96 - 120, 146 - 156

OrderNo: **665000436** Grey
665000469 Navy
665000499 Black





Women's Carpenter trousers, Carpenter Jubilee

Trousers with pockets for tools and pens. Reinforced pockets, knees and ankles. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket. Zip on left thigh pocket. Knee pad pouches (to take pads 972290, 972292 and 972294).

Fabric: 100% cotton (reinforced with 100% polyamide). Weight: 350 g

Wash at: 60°C

Size: Black: 34 - 50, Cerise: 36 - 48

OrderNo: **640000423** Cerise
640000499 Black



Carpenter trousers class 1, Carpenter Jubilee

Trousers with pockets for tools and pens. Reinforced pockets, knees and ankles. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket. Zip on left thigh pocket. Knee pad pouches (to take pads 972290, 972292 and 972294).

Fabric: 100% cotton (reinforced with 100% polyamide). Weight: 350 g

Wash at: 60°C.

Size: 44 - 64, 96 - 120, 146 - 156

CE: EN 471 class 1

OrderNo: **665170469** Navy
665170499 Black



Carpenter trousers, Technique

Trousers with pockets for tools and pens. Reinforced pockets and knees. D-ring, ID card holder hidden under the right-hand utility pocket. Concealed waistband button. Side pockets. Thigh pockets with concealed knife button, ruler pocket, mobile phone pocket, pen pockets. Flap on left thigh pocket. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 65% polyester, 35% cotton (reinforced with 100% polyamide). Weight: 245 g. Wash at: 85°C

Size: 44 - 64, 92 - 120, 146 - 158

OrderNo: **693072436** Grey
693072469 Navy
693072499 Black





Carpenter trousers, Painter **New!**

Carpenter trousers suitable for painters, tilers, bricklayers and other tradespeople. Reinforced holster pockets at front, one of which has three smaller pockets. ID-card pocket. Knife button. Two thigh pockets, pockets for pen, mobile phone and ruler. Velcro at waistband for hammer holder (331166). Detachable key strap in the right-hand pocket. Reinforcements on the legs. Trouser legs can be turned up/lengthened. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 100% cotton. Weight: 300 g. Wash at: 60°C.

Size: 44 - 64

OrderNo: **22541015** White/Grey



Carpenter trousers with stretch fabric, Painter **New!**

Carpenter trousers with stretch fabric for greater comfort. Suitable for painters, tilers, bricklayers and other tradespeople. Reinforced holster pockets at front, one of which has three smaller pockets. ID-card pocket. Knife button. Two thigh pockets, pockets for pen, mobile phone and ruler. Velcro at waistband for hammer holder (331166). Detachable key strap in the right-hand pocket. Reinforcements on the legs. Trouser legs can be turned up/lengthened. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 100% cotton, stretch 49% polyamide, 9% elastane

Weight: 300 g. Wash at: 60°C.

Size: 44 - 64

OrderNo: **22561015** White/Grey/Black



Jeans, Carpenter **Nordic**

Pre-washed jeans, double back pockets, double thigh pockets, one with zip, the other with press stud. Right thigh pocket with room for ruler and pens. Side pockets, coin pocket, D-ring. Articulated knees for added comfort.

Fabric: 100% cotton denim. Weight: 400 g. Wash at: 60°C

Size: 44 - 60, 92 - 120, 146 - 156

OrderNo: **662070173** Denim





Trousers, Technique

Trousers with side pockets. D-ring. Thigh pockets, back pockets, right back pocket with flap, mobile phone pocket, left thigh pocket with flap. Ruler pocket. Knife pocket and pen pocket. Articulated knees for added comfort. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 65% polyester, 35% cotton. Weight: 245 g. Wash at: 85°C
Size: 44 - 64 (Black 44 - 70), 96 - 120, 146 - 158

OrderNo: **673072436** Grey
673072469 Navy
673072499 Black



Women's trousers, Technique

Women's trousers with side pockets. D-ring. Thigh pockets, back pockets, right back pocket with flap, mobile phone pocket, left thigh pocket with flap. Ruler pocket. Knife pocket and pen pocket. Articulated knees for added comfort. Knee pad pouches (to take pads 972290 and 972292). Hem can be opened to lengthen the leg.

Fabric: 65% polyester, 35% cotton. Weight: 245 g. Wash at: 85°C
Size: 34 - 54

OrderNo: **644072436** Grey
644072469 Navy
644072499 Black



Cotton trousers, Technique

Trousers with side pockets. D-ring. Thigh pockets, back pockets, right back pocket with flap, mobile phone pocket, left thigh pocket with flap. Ruler pocket. Knife pocket and pen pocket. Articulated knees for added comfort. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 100% cotton. Weight: 300 g. Wash at: 85°C
Size: 44 - 64, 96 - 120, 146 - 158

OrderNo: **673070369** Navy
673070399 Black





Trousers, Technique II

New!

Trousers with side and back pockets. D-ring inside the right-hand pocket. Concealed button in the waistband. Thigh pockets with flap on left pocket, ID card holder and pen pocket. Ruler and knife pocket. Mobile phone pocket with flap on right thigh. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 65% polyester, 35% cotton. Weight: 245 g. Wash at: 85°C.
Size: 44 - 64, 96 - 120, 146 - 158

OrderNo: **688072438** Grey
688072469 Navy
688072499 Black



Cargo trousers, Carpenter ACE

Trousers with side pockets, key strap inside the right-hand pocket. Zip-up thigh pocket for mobile phone and pens.

Fabric: 65% polyester, 35% cotton. Weight: 310 g. Wash at: 60°C
Size: 44 - 60, 92 - 124, 146 - 156

OrderNo: **676073899** Black



Stretch trousers, Carpenter Nordic

Trousers with stretch fabric at the crotch, rear and over the calves. Reinforced pockets, knees and ankles. Side pockets with D-ring, key clip. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, flap on left thigh pocket and a zip-up safety pocket. Knee pad pouches (to take pads 972290 and 972292). Reflective trim on left calf.

Fabric: 65% polyester 35% cotton, stretch 49% polyamide 42% polyester 9% elastane (reinforced with 100% polyamide).

Weight: 260 g. Wash at: 60°C
Size: 44 - 60, 92 - 124, 146 - 156

OrderNo: **696072599** Black





Trousers, On Duty

Trousers with slightly tighter fit. Articulated knees for added comfort. Back pockets with flap. Side pockets. Two D-rings. Pockets with room for a ruler, mobile phone and pen. Zip-up pocket on left leg. ID card holder left thigh pocket.

Fabric: 65% polyester, 35% cotton. Weight: 260 g. Wash at: 60°C
Size: 44 - 60, 92 - 124, 146 - 156

OrderNo: **687072599** Black



Trousers with stretch fabric, On Duty

Trousers with stretch panels over the back, crotch and front thigh. Slightly tighter fit. Articulated knees for added comfort. Back pockets. Side pockets. Two D-rings. Pockets with room for a ruler, mobile phone and pen. Zip-up pocket on left leg. ID card holder left thigh pocket.

Fabric: 65% polyester, 35% cotton (stretch 49% polyamide, 42% polyester, 9% elastane). Weight: 260 g. Wash at: 60°C
Size: 44 - 60, 92 - 124, 146 - 156

OrderNo: **692072599**



Women's trousers, On Duty

Trousers with side pockets, coin pocket inside the right side pocket. Flat back pockets. Thigh pocket with double compartment. Zip-up pocket on right leg. Double pen pockets on left leg.

Fabric: 60% cotton, 40% polyester. Weight: 260 g. Wash at: 60°C.
Size: 34 - 54

OrderNo: **645072069** Navy
645072099 Black



Trousers, On Duty

Trousers with side pockets, coin pocket inside the right side pocket. Back pockets with flap. Thigh pocket with double compartment. Zip-up pocket on right leg. Double pen pockets on left leg.

Fabric: 60% cotton, 40% polyester. Weight: 260 g. Wash at: 60°C.
Size: 44 - 60, 92 - 124, 146 - 156

OrderNo: **682072069** Navy
682072099 Black





Pirate trousers, Carpenter ACE

Trousers with pockets for tools and pens. Reinforced pockets and knees. Safety pocket with zip on left utility pocket. Pocket for first-aid kit. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket. Knee pad pouches (to take pads 972291 and 972293). Drawstring to adjust the leg width.

Fabric: 100% cotton (reinforced with 100% polyamide).

Weight: 350 g. Wash at: 60°C

Size: 44 - 62

OrderNo: **680070846** Clay
680070869 Navy
680070899 Black



Pirate trousers, Painter **New!**

Pirate trousers suitable for painters, tilers, bricklayers and other tradespeople. Reinforced holster pockets at front, one of which has three smaller pockets. ID-card pocket. Knife button. Two thigh pockets, pockets for pen, mobile phone and ruler. Velcro at waistband for hammer holder. Detachable key strap in the right-hand pocket. Reinforcements on the legs. Trousers legs can be turned up/lengthened. Knee pad pouches (to take pads 972291 and 972293).

Fabric: 100% cotton. Weight: 300 g. Wash at: 60°C.

Size: 44 - 64

OrderNo: **22571015** White/Grey



Pirate trousers, Carpenter Jubilee

Trousers with pockets for tools and pens. Reinforced pockets and knees. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket. Zip on left thigh pocket. Knee pad pouches (to take pads 972291 and 972293).

Fabric: 100% cotton (reinforced with 100% polyamide).

Weight: 350 g. Wash at: 60°C

Size: 44 - 60

OrderNo: **670070499** Black



Pirate trousers, Technique

Trousers with side pockets. D-ring. Thigh pockets, back pockets, right back pocket with flap, mobile phone pocket, left thigh pocket with flap. Ruler pocket. Knife pocket and pen pocket. Articulated knees for added comfort. Knee pad pouches (to take pads 972291 and 972293).

Fabric: 65% polyester, 35% cotton. Weight: 245 g. Wash at: 85°C

Size: 44 - 62, 92 - 120

OrderNo: **683072499** Black





Shorts, Carpenter ACE

Shorts with utility pockets for tools and pens. Reinforced pockets. Safety pocket with zip on left utility pocket. Pocket for first-aid kit. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket.

Fabric: 100% cotton (reinforced with 100% polyamide).

Weight: 350 g. Wash at: 60°C

Size: 44 - 62

OrderNo: **040070846**
040070869
040070899

Clay
Navy
Black



Shorts, Carpenter Jubilee

Shorts with utility pockets for tools and pens. Reinforced pockets. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket. Zip on left thigh pocket.

Fabric: 100% cotton (reinforced with 100% polyamide).

Weight: 350 g. Wash at: 60°C

Size: 44 - 60

OrderNo: **033000436**
033000469
033000499

Grey
Navy
Black



Carpenter shorts, Technique

Shorts with utility pockets for tools and pens. Side pockets. D-ring. Thigh pockets, back pockets, right back pocket with flap, mobile phone pocket, left thigh pocket with flap. Ruler pocket. Knife pocket and pen pocket.

Fabric: 65% polyester, 35% cotton. Weight: 245 g. Wash at: 85°C

Size: 44 - 64

OrderNo: **034072499** Black



Shorts, Technique

Shorts with side pockets. D-ring. Thigh pockets, back pockets, right back pocket with flap, mobile phone pocket, left thigh pocket with flap. Ruler pocket. Knife pocket and pen pocket.

Fabric: 65% polyester, 35% cotton. Weight: 245 g. Wash at: 85°C

Size: 44 - 62

OrderNo: **023072436**
023072469
023072499

Grey
Navy
Black



Boiler suit, Technique II **New!**

Boiler suit with concealed zip. Back pockets. Chest pockets, right-hand pocket with flap and ID-card pocket. Back waist elastication. Side pockets, D-ring inside the right-hand pocket, and open side pockets. Thigh pockets, left-hand pocket with flap and pen pocket, ruler and knife pocket. Mobile phone pocket with flap on right thigh. Articulated knees for added comfort.

Fabric: 65% polyester, 35% cotton. Weight: 245 g. Wash at: 85°C.

Size: 44 - 64, 146 - 158

OrderNo: **888072469**
888072499

Navy
Black





Dungarees, Carpenter Jubilee

Dungarees with adjustable elastic straps. Chest pockets with compartments. Knife button left chest. Utility pockets with compartments for tools and pens. Reinforced pockets, knees and ankles. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, flap on left thigh pocket. Zip on left thigh pocket. Knee pad pouches (to take pads 972290, 972292 and 972294).

Fabric: 100% cotton (reinforced with 100% polyamide).

Weight: 350 g. Wash at: 60°C

Size: 46 - 60, 100 - 120, 148 - 154

OrderNo: **156000436** Grey
156000469 Navy
156000499 Black



Dungarees, Technique

Dungarees with adjustable elastic straps. Mid-chest pocket, flap on the right side. D-ring, side pockets, back pockets. Right back pocket with flap. Thigh pockets, ruler pocket, knife pocket, mobile phone pocket. Flap on left thigh pocket. Articulated knees for added comfort. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 65% polyester, 35% cotton. Weight: 245 g. Wash at: 85°C

Size: 44 - 60, 96 - 120

OrderNo: **121072436** Grey
121072469 Navy
121072499 Black



Boiler suit with zip, Technique

Boiler suit with zip, articulated sleeves and knees. Side pockets and pass-through pockets on right and left side. Chest pockets, right-hand pocket with flap and ID card holder. Pen pocket on left. D-ring. Adjustable elasticated waistband. Back pockets, right-hand pocket with flap. Thigh pockets, ruler pocket, mobile phone pocket, left thigh pocket with flap. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 65% polyester, 35% cotton. Weight: 245 g. Wash at: 85°C

Size: 44 - 64, 146 - 158

OrderNo: **883072436** Grey
883072469 Navy
883072499 Black



Cotton boiler suit with press studs, Technique

Boiler suit with press studs. Articulated sleeves and knees. Side pockets and pass-through pockets on right and left side. Chest pockets, right-hand pocket with flap and ID card holder. Pen pocket on left. D-ring. Adjustable elasticated waistband. Back pockets, right-hand pocket with flap. Thigh pockets, ruler pocket, mobile phone pocket, left thigh pocket with flap. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 100% cotton. Weight: 300 g. Wash at: 85°C

Size: 44 - 64, 146 - 158

OrderNo: **883170369** Navy
883170399 Black





Jacket, Carpenter Jubilee

Jacket with articulated, reinforced sleeves. Pen pocket on left sleeve. Chest pockets, ID card holder inside the right-hand chest pocket. Side pockets. D-ring and key holder inside the right pocket. Left side pocket with zip. Inside pocket and an internal mobile phone pocket. Adjustable hem and cuffs.

Fabric: 100% cotton. Weight: 350 g. Wash at: 60°C
Size: XS - 3XL

OrderNo: **722070469** Navy
722070499 Black



The foreman's favourite coat

Coat with press studs. Left chest pocket. Front pockets.

Fabric: 65% polyester, 35% cotton. Weight: 245 g. Wash at: 85°C
Size: S - 3XL

OrderNo: **513001369** Navy



Jacket, Technique

Jacket with zip. Chest pockets, ID card holder and flap on right pocket. Pen pocket on the outside of the left chest pocket. Side pockets. Mobile phone pocket inside the jacket right-hand side. Loop inside for headphone cord. Adjustable hem with buttons.

Fabric: 65% polyester, 35% cotton. Weight: 245 g. Wash at: 85°C
Size: XS - 4XL

OrderNo: **720072469** Navy
720072499 Black



Tool vest, Carpenter Jubilee

Vest with padding across the shoulders and reinforced pockets. Chest pockets, the right-hand pocket with flap. Slanted pen pocket under the right chest pocket, zip-up pocket under the left chest pocket. Stretch belt. Double hammer loops and knife button. Holster pockets. ID card in the right-hand tool pocket. Mesh lining over the back and chest.

Fabric: 100% cotton (reinforced with 100% polyamide).
Weight: 350 g. Wash at: 60°C
Size: S - 3XL

OrderNo: **447070499**



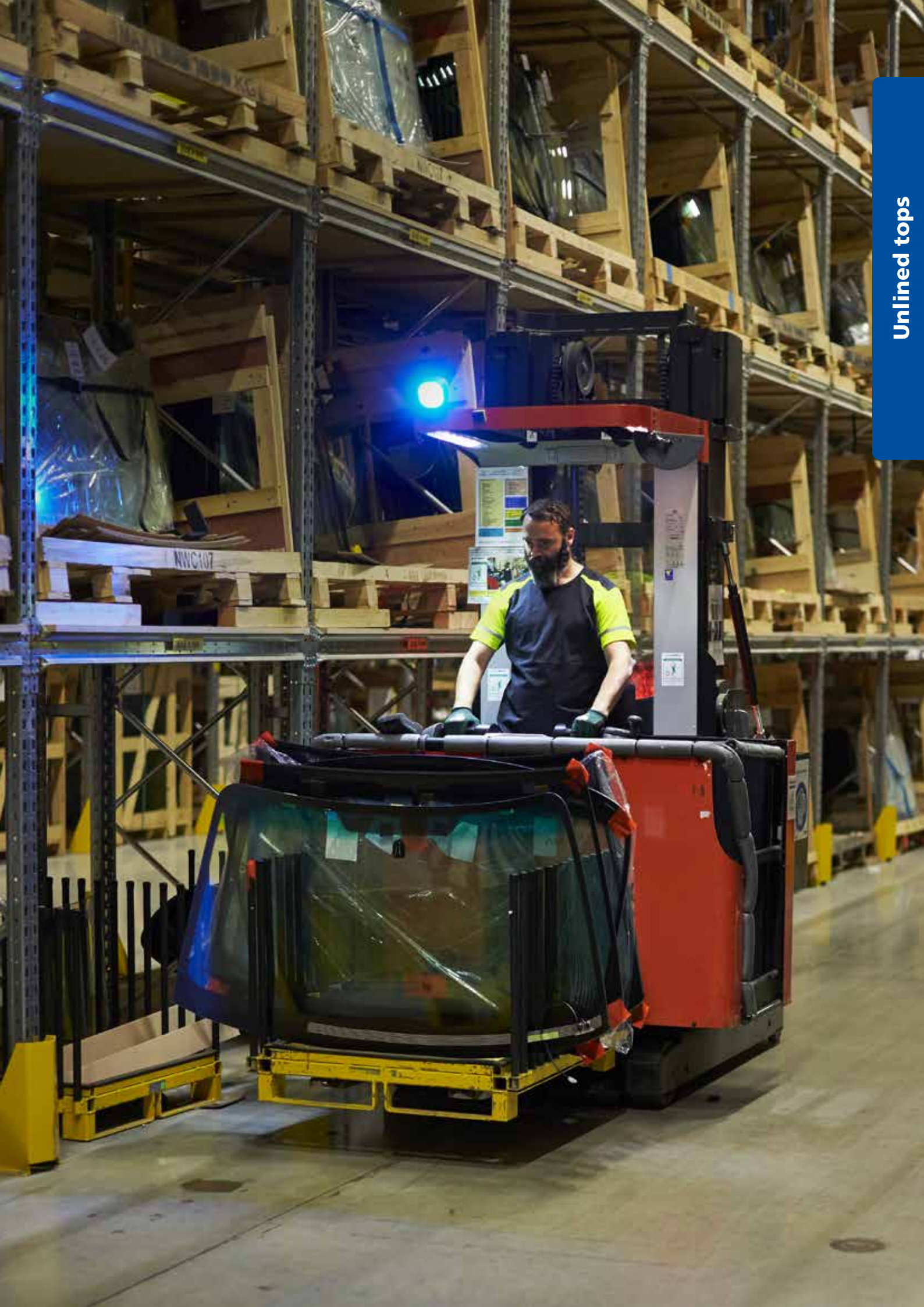
Jacket with high-visibility trim

Jacket with yellow panels, reflectors on shoulders and sleeves. Right chest pocket. Side pockets, the right-hand pocket with zip and D-ring. Inside pockets, one with zip. Longer back. Adjustable cuffs.

Fabric: 100% cotton (yellow panels 80% polyester 20% cotton. 300 g). Weight: 350 g. Wash at: 60°C
Size: XS - 3XL

OrderNo: **712010469** Navy/Yellow
712010499 Black/Yellow







Technical sweatshirt jacket, Carpenter Nordic

Sweatshirt jacket with long zip. Side pockets and chest pocket with zips. Dark reflectors on sleeves. Ergonomic thumbhole in cuffs.

Fabric: 100% polyester. Weight: 220 g. Wash at: 40°C
Size: XS - 4XL

OrderNo: **938079025** Red
938079066 Blue
938079099 Black



Hooded sweatshirt jacket, Carpenter ACE

High-wear reinforcement at elbows and shoulders. Full-length zip. Hood, inside pocket and mobile phone pocket inside. Side pockets. Detachable key strap in the right-hand pocket. Zip-up chest pocket. Pen pocket on left sleeve. The garment has been pre-washed.

Fabric: 80% cotton 20% polyester. Weight: 340 g. Wash at: 40°C
Size: XS - 3XL

OrderNo: **929079899** Black



Sweatshirt jacket with long zip, Carpenter ACE

Sweatshirt jacket with long zip. Two pockets, the right-hand pocket has an extra pocket with a zip.

Fabric: 80% cotton 20% polyester. Weight: 340 g. Wash at: 60°C
Size: XS - 4XL

OrderNo: **933079869** Navy
933079899 Black



Sweatshirt with short zip, Carpenter ACE

Sweatshirt with short zip in the collar. Two pockets, the right-hand pocket has an extra pocket with a zip.

Fabric: 80% cotton 20% polyester. Weight: 340 g. Wash at: 60°C
Size: XS - 3XL

OrderNo: **064079869** Navy
064079899 Black



College jacket with high-visibility trim

College jacket with long zip and yellow/orange panels on shoulders and sleeves. Reflective tape on sleeves. Two pockets, the right-hand pocket has an extra pocket with a zip. D-ring. Hem and sleeve cuffs.

Fabric: 100% cotton (yellow/orange panels 50% cotton, 50% polyester). Weight: 300 g. Wash at: 40°C
Size: XS - 4XL

OrderNo: **936019869** Navy/Yellow
936019899 Black/Yellow
936029899 Black/Orange





Hood, On Duty

Hood with drawstring, chest pocket with zip. Side pockets. D-ring and key strap in the right-hand pocket. Mobile phone pocket inside hood.

Fabric: 80% cotton, 20% polyester. Weight: 340 g. Wash at: 60°C. Size: XS - 3XL

OrderNo: **926079899** Black



Sweatshirt jacket, Technique II

New!

Sweatshirt jacket with front zip. Zip-up chest pocket on left-hand side. Side pockets, the right-hand with internal zip-up pocket. Hem and sleeve cuffs.

Fabric: 80% cotton 20% polyester. Weight: 320 g. Wash at: 60°C. Size: XS - 4XL

OrderNo: **945079838** Grey/Black
945079869 Navy/Black/Grey
945079899 Black/Grey



Hoodie, On Duty **New!**

Hood with drawstring, chest pocket with zip. Side pockets. D-ring and key strap in the right-hand pocket plus extra pocket with zip. Eyelet in right side pocket for mobile phone cable. Loop inside collar to secure cable.

Fabric: 80% cotton, 20% polyester. Weight: 320 g. Wash at: 60°C. Size: XS - 3XL

OrderNo: **939079869** Navy/Black
939079899 Black/Navy



Hoodie with high-visibility trim **New!**

Zip, safety pocket inside the right-hand pocket, dark-grey reflectors, yellow/orange panels.

Fabric: 80% cotton 20% polyester. Weight: 320 g. Wash at: 60°C. Size: XS - 4XL

OrderNo: **944019899** Black/Yellow
944029899 Black/Orange



Sweatshirt jacket, Painter **New!**

Jacket with upright collar and front zip. Spacious side pockets, the right-hand with zip-up safety pocket. Zip-up pocket on right chest. Rib-knitted around the sleeves and waist.

Fabric: 80% cotton, 20% polyester. 300 g. Wash at: 60°C. Size: XS - 4XL

OrderNo: **12601015** White/Grey
12601415 Light grey/Grey





Men's hoodie **New!**

Jacket with front zip. Hood with single Jersey fabric inside. Generous side pockets. Zip-up pocket on sleeve. Drawstring hood. Rib-knitted around the sleeves and waist. Logo printed on hood. Brushed inside.

Fabric: 80% cotton, 20% polyester. 300 g. Wash at: 60°C
Size: S - 4XL

OrderNo: **127002** Blue marl
127014 Grey melange
127015 Charcoal grey



Women's hoodie **New!**

Jacket with front zip. Hood with single Jersey fabric inside. Generous side pockets. Zip-up pocket on sleeve. Drawstring hood. Rib-knitted around the sleeves and waist. Logo printed on hood. Brushed inside.

Fabric: 80% cotton, 20% polyester. 300 g. Wash at: 60°C
Size: XS - 2XL

OrderNo: **127502** Blue marl
127514 Grey melange



Long-sleeve T-shirt, Carpenter Nordic

Pre-washed T-Shirt.

Fabric: 100% cotton. Weight: 190 g. Wash at: 60°C
Size: XS - 4XL

OrderNo: **070179599**



Long sleeve T-shirt, Painter **New!**

Comfortable, lightweight T-shirt with long sleeves and crew neck.

Fabric: 100% cotton (white), 90% cotton/10% polyester (grey melange), 190 g. Wash at: 60°C.
Size: XS - 4XL

OrderNo: **070279501** White
070279536 Grey melange



T-Shirt long-sleeve with high-visibility trim **New!**

Ventilation fabric at the armpit. Dark grey reflectors, yellow/orange panels at the top.

Fabric: 100% cotton (yellow/orange 55% cotton 45% polyester).
Weight: 190 g. Wash at: 60°C
Size: XS - 4XL

OrderNo: **075019599** Black/Yellow
075029599 Black/Orange





Fleece jacket, On Duty

Fleece jacket with zip. Zip-up chest pocket on left-hand side. Side pockets, the right-hand with a D-ring and an extra zip-up pocket. Elastic drawstring in the hem.

Fabric: 100% polyester. Weight: 240 g. Wash at: 40°C
Size: XS - 4XL

OrderNo: **934079736** Grey
934079769 Navy
934079799 Black



Women's fleece jacket, On Duty

Zip-up fleece jacket, women's. Side pockets, the right-hand with a D-ring and an extra zip-up pocket. Elastic drawstring in the hem.

Fabric: 100% polyester. Weight: 240 g. Wash at: 40°C
Size: XS - 3XL

OrderNo: **555079725** Red
555079769 Navy
555079799 Black



Cotton shirt, Technique **New!**

Button front shirt. Two external chest pockets, the right-hand pocket with flap, the left-hand pocket with room for a pen. Large inside pocket on the left-hand side. Tab and button to secure rolled-up sleeves. Cuff buttons.

Fabric: 100% cotton. Weight: 200 g. Wash at: 60°C.
Size: XS - 4XL

OrderNo: **968079969** Navy
968079999 Black *Replaces 963009969/99 in spring 2017*



Shirt, Technique **New!**

Shirt with concealed buttons at the front. Two chest pockets, the right-hand pocket with flap, the left-hand pocket with pen compartments. Concealed buttons on the cuff.

Fabric: 65% polyester, 35% cotton. Weight: 200 g. Wash at: 60°C.
Size: XS - 4XL

OrderNo: **958079869** Navy
958079899 Black *Replaces 963009869/99 in spring 2017*



Softshell vest, triple-layer, On Duty

Vest made of triple-layer fabric. Zip-up chest pocket on right-hand side. Side pockets, extra pocket with zip inside both side pockets. D-ring inside the right-hand pocket. Eyelet in right side pocket for mobile phone cable. Loop inside the vest to secure cable.

Fabric: 100% polyester, water-repellent and windproof
15,000 mm/15,000 gram. Weight: 195 g. Wash at: 40°C
Size: XS - 3XL

OrderNo: **459075999** Black





Sweatshirt **New!**

Sweatshirt with brushed inside. Double seams at the neck, sleeves and waist.

Fabric: 50% cotton/50% polyester, 290 g/m². Wash at: 60°C.
Size: XS - 3XL (red S-3XL)

OrderNo:	120010	White
	120009	Red
	120001	Cornflower blue
	120003	Navy
	120014	Grey melange
	120015	Grey
	120004	Black



Short-sleeve polo shirt

Classic polo shirt with slits at the sides.

Fabric: 100% cotton (dark grey melange 60% cotton/40% polyester), 235 g/m². Wash at: 60°C.
Size: XS - 3XL

OrderNo:	238201	White
	238225	Red
	238265	Royal blue
	238269	Navy
	238298	Dark grey melange
	238299	Black

1832



T-shirt

Superior quality T-shirt. Double neckband.

Fabric: 100% cotton, 160 g/m². Wash at: 60°C.
Size: S - 3XL (white, navy, black XS-3XL)

OrderNo:	237601	White
	237625	Red
	237636	Grey melange
	237638	Dark grey
	237663	Royal blue
	237669	Navy
	237699	Black

1832



T-Shirt with high-visibility trim **New!**

Ventilation fabric at the armpit. Dark grey reflectors, yellow/orange panels at the top.

Fabric: 100% cotton (yellow/orange 55% cotton 45% polyester).
Weight: 190 g. Wash at: 60°C
Size: XS - 4XL

OrderNo:	073019599	Black/Yellow
	073029599	Black/Orange





High-visibility clothing



High-visibility clothing

New stretch trousers from Björnkläder



Carpenter trousers stretch, class 2 **New!**

Trousers with stretch fabric at the crotch and rear. Utility pockets with compartments for tools and pens. Reinforced pockets, knees and ankles. Safety pocket with zip on left utility pocket. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Double hammer loops. Side pockets and back pockets. Thigh pockets with knife button, pockets for ruler, pens and mobile phone. Flap on left thigh pocket. Zip-up safety pocket. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 80% polyester 20% cotton. Oil, grease, dirt and water-repellent. Stretch 91% polyester 9% elastane (reinforced with 100% polyamide).

Weight: 310 g. Wash at: 60°C.

Size: 44 - 64, 88 - 124, 144 - 158

CE: EN ISO 20471 class 2

OrderNo: **248043711** Yellow/Navy
248033711 Yellow/Black
248033718 Orange/Black



Carpenter trousers class 2

Trousers with pockets for tools and pens. Zip on left utility pocket. Reinforced pockets, knees and ankles. Zip-up pocket on left leg. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket. Knee pad pouches (to take pads 972290 and 972292).

Fabric: Red 85% polyester 15% cotton, other 80% polyester 20% cotton. Oil, grease, dirt and water-repellent (reinforced with 100% polyamide. Contrast panels 65% polyester 35% cotton). Weight: 300 g. Wash at: 85°C.

Size: 44 - 64, 88 - 124, 144 - 158

CE: EN ISO 20471 class 2

OrderNo: **254043711** Yellow/Navy
254033711 Yellow/Black
254033718 Orange/Black
254033722 Red/Black



Carpenter trousers class 1

Trousers with pockets for tools and pens. Zip on left utility pocket. Reinforced pockets, knees and ankles. Zip-up pocket on left leg. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 65% polyester 35% cotton, (reinforced with 100% polyamide. Red contrast panel 85% polyester 15% cotton, other contrast panels 80% polyester 20% cotton. Oil, grease, dirt and water-repellent). Weight: 300 g. Wash at: 85°C.

Size: 44 - 64, 88 - 124, 144 - 158

CE: EN ISO 20471 class 1

OrderNo: **244011569** Navy/Yellow
244011599 Black/Yellow
244021599 Black/Orange
244001599 Black/Red





Trousers stretch class 2 **New!**

Trousers with stretch fabric at the crotch and rear. Reinforced knees and ankles. D-ring and key clip Double hammer loops. Side pockets and back pockets. Thigh pockets with knife button, pockets for ruler, pens and mobile phone. Flap on left thigh pocket. Zip-up safety pocket. ID card holder in left thigh pocket. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 80% polyester 20% cotton. Oil, grease, dirt and water-repellent. Stretch 91% polyester 9% elastane (reinforced with 100% polyamide).

Weight: 310 g. Wash at: 60°C.

Size: 44 - 64, 88 - 124, 144 - 158

CE: EN ISO 20471 class 2

OrderNo: **249043711** Yellow/Navy
249033711 Yellow/Black
249033718 Orange/Black



Trousers class 2

Trousers with side pockets. Reinforced pockets, knees and ankles. Zip-up pocket on left leg. D-ring, key clip, ID card holder inside the left thigh pocket. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket. Knee pad pouches (to take pads 972290 and 972292).

Fabric: Red 85% polyester 15% cotton, other 80% polyester 20% cotton. Oil, grease, dirt and water-repellent (reinforced with 100% polyamide). Contrast panels 65% polyester 35% cotton). Weight: 300 g. Wash at: 85°C.

Size: 46 - 62, 92 - 120, 146 - 156

CE: EN ISO 20471 class 2

OrderNo: **252043711** Yellow/Navy
252033711 Yellow/Black
252033718 Orange/Black
252033722 Red/Black



Trousers class 1

Trousers with side pockets. Reinforced pockets, knees and ankles. Zip-up pocket on left leg. D-ring, key clip, ID card holder inside the left thigh pocket. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 65% polyester 35% cotton, (reinforced with 100% polyamide. Red contrast panel 85% polyester 15% cotton, other contrast panels 80% polyester 20% cotton. Oil, grease, dirt and water-repellent). Weight: 300 g. Wash at: 85°C.

Size: 44 - 64 (navy/yellow 42 - 64), 92 - 120, 144 - 158

CE: EN ISO 20471 class 1

OrderNo: **242011569** Navy/Yellow
242011599 Black/Yellow
242021599 Black/Orange
242001599 Black/Red





* Sizes 44-46 have fewer black details

Carpenter shorts class 2

Shorts with utility pockets for tools and pens. Zip on left utility pocket. Reinforced pockets. Zip on left thigh pocket. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pockets with knife button, pockets for ruler, pens and mobile phone. Flap on left thigh pocket. Zip-up pocket.

Fabric: Red 85% polyester 15% cotton, other 80% polyester 20% cotton. Oil, grease, dirt and water-repellent (reinforced with 100% polyamide. Contrast panels 65% polyester 35% cotton). Weight: 300 g. Wash at: 85°C.

Size: 44 - 62 *

CE: EN ISO 20471 class 2

OrderNo: **036033711** Yellow
036033718 Orange
036033722 Red



Pirate trousers class 2

Trousers with pockets for tools and pens. Zip on left utility pocket. Reinforced pockets and knees. Zip-up pocket on left leg. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket. Knee pad pouches (to take pads 972291 and 972293).

Fabric: Red 85% polyester 15% cotton, other 80% polyester 20% cotton. Oil, grease, dirt and water-repellent (reinforced with 100% polyamide. Contrast panels 65% polyester 35% cotton). Weight: 300 g. Wash at: 85°C.

Size: 44 - 62

CE: EN ISO 20471 class 2

OrderNo: **256043711** Yellow/Navy
256033711 Yellow/Black
256033718 Orange/Black
256033722 Red/Black



Dungarees class 2

Dungarees with adjustable elastic straps. Utility pockets for tools and pens. Chest pockets, the right-hand pocket with flap. Knife button and knife loop on left chest pocket. Zip on left utility pocket. Reinforced pockets, knees and ankles. D-ring, key clip, ID card holder hidden under the right-hand utility pocket. Side pockets. Double hammer loops. Thigh pockets with knife button, ruler pocket, mobile phone pocket, pen pockets, flap on left thigh pocket. Extra pocket with zip on left thigh pocket. Knee pad pouches (to take pads 972290 and 972292).

Fabric: Red 85% polyester 15% cotton, other 80% polyester 20% cotton. Oil, grease, dirt and water-repellent (reinforced with 100% polyamide. Contrast panels 65% polyester 35% cotton). Weight: 300 g. Wash at: 85°C.

Size: 44 - 64, 88 - 124

CE: EN ISO 20471 class 2

OrderNo: **154043711** Yellow/Navy
154033711 Yellow/Black
154033718 Orange/Black
154033722 Red/Black





Jacket class 3

Jacket with zip. Chest pockets, right-side pocket with flap and ID card holder. Pen pocket next to the right-hand pocket. Left-side pocket with zip. Zip-up side pockets. D-ring inside the right-hand pocket. Inside pocket. Adjustable cuffs.

Fabric: Red 85% polyester 15% cotton, other 80% polyester 20% cotton. Oil, grease, dirt and water-repellent (contrast panels 65% polyester 35% cotton). Weight: 300 g. Wash at: 85°C.

Size: XS - 4XL

CE: EN ISO 20471 class 3 (XS class 2)

OrderNo: **792043711** Yellow/Navy
792033711 Yellow/Black
792033718 Orange/Black
792033722 Red/Black



Women's jacket class 3

Jacket with zip. Chest pockets, right-side pocket with flap and ID card holder. Pen pocket next to the right-hand pocket. Left-side pocket with zip. Zip-up side pockets. D-ring inside the right-hand pocket. Inside pocket. Adjustable cuffs.

Fabric: 80% polyester 20% cotton. Oil, grease, dirt and water-repellent (contrast panels 65% polyester 35% cotton). Weight: 300 g. Wash at: 85°C.

Size: XS - 3XL

CE: EN ISO 20471 class 3 (XS-S class 2)

OrderNo: **547043711** Yellow/Navy
547033718 Orange/Black



Tool vest class 2 **New colour!**

Vest with utility pockets for tools and pens. Padding over the shoulders, double chest pockets detachable at bottom hem. Right chest pocket with flap, knife button and knife loop on left pocket. Double hammer loops, elasticated belt and ID card holder inside the right-hand utility pocket. Left-hand utility pocket with zip. Double holster pockets as back pockets.

Fabric: 80% polyester, 20% cotton. Oil, grease, dirt and water-repellent (contrast panels 65% polyester 35% cotton). Weight: 300 g. Wash at: 85 g.

Size: M - 4XL

CE: EN ISO 20471 class 2

OrderNo: **445043711** Yellow/Navy
445033718 Orange/Black
445033722 Red/Black



Softshell jacket class 3

Water-repellent, triple-layer jacket. Zip-up sleeve pocket. Zip-up chest pocket on right-hand side. Side pockets. Inside pocket with zip. D-ring inside the right-hand pocket.

Fabric: 90% polyester, 6% polyurethane, 4% elastane. Windproof and waterproof 10,000 mm/4,000 g. Weight: 375 g. Wash at: 40°C.

Size: XS - 3XL

CE: EN 471 class 3.

OrderNo: **932036111** Yellow
932036118 Orange





Triple-layer fleece jacket. Class 3

Windproof fleece jacket. Right chest pocket with zip. Side pockets with zips. D-ring inside the right-hand pocket. Eyelet in right side pocket for mobile phone cable. An eyelet inside the right collar to pull a headphone cord through. Left inside pocket. Drawstring hem and adjustable cuffs.

Fabric: 100% polyester, water-repellent and windproof 5,000 mm/2,000 g. Weight: 325 g. Wash at: 40°C.

Size: XS - 4XL

CE: EN ISO 20471 class 3 (XS class 2)

OrderNo: **942049711** Yellow/Navy
942039711 Yellow/Black
942039718 Orange/Black



Triple-layer fleece jacket. Class 3

Windproof fleece jacket. Mobile phone pocket right chest. Side pockets. The right pocket with zip and D-ring. Left inside pocket. Drawstring hem and adjustable cuffs.

Fabric: 100% polyester, water-repellent and windproof 5,000 mm/2,000 g. Weight: 325 g. Wash at: 40°C.

Size: XS - 3XL

CE: EN ISO 471 class 3 (XS class 2)

OrderNo: **925079711** Yellow
925079718 Orange



Fleece jacket class 3

Fleece jacket with double side pockets. Right pocket with zip and D-ring. Drawstring hem.

Fabric: 100% polyester. Weight: 300 g. Wash at: 60°C.

Size: XS - 4XL

CE: EN 471 class 3 (XS class 2)

OrderNo: **935039711** Yellow
935039718 Orange



Hooded top class 3

Hooded top with front zip, two side pockets, one chest pocket, elastic reflectors. Orange-red/Black.

Fabric: 100% polyester. Weight 240 g/m². Wash at: 40°C.

Size: S - 3XL

CE: EN ISO 20471 class 3 (S-M class 2)

OrderNo: **87143419**





Jacket with hood class 3

Jacket with mesh-lined hood. Drawstring to adjust hood. Zip-up chest pocket on right-hand side. Side pockets. The right pocket with zip and D-ring. Elastic reflectors.

Fabric: 50% polyester, 50% cotton. Weight: 300 g. Wash at: 60°C.
Size: XS - 3XL
CE: EN ISO 20471 class 3 (XS class 2)

OrderNo: **940039811** Yellow/Black
940039818 Orange/Black



Sweatshirt class 3

Sweatshirt jacket with long zip. Zip-up chest pocket on right-hand side. Side pockets. The right pocket with zip and D-ring. Elastic reflectors.

Fabric: 50% polyester, 50% cotton. Weight: 300 g. Wash at: 60°C.
Size: XS - 4XL
CE: EN ISO 20471 class 3 (XS class 2)

OrderNo: **937039811** Yellow/Black
937039818 Orange/Black



Sweatshirt class 3

Round neck sweatshirt with hem and sleeve cuffs. Elastic reflectors.

Fabric: 50% polyester, 50% cotton. Weight: 300 g. Wash at: 60°C.
Size: XS - 4XL
CE: EN ISO 20471 class 3 (XS-S class 2)

OrderNo: **067039811** Yellow/Black
067039818 Orange/Black



Sweatshirt class 3

Round neck sweatshirt with hem and sleeve cuffs.

Fabric: 50% polyester, 50% cotton. Weight: 300 g. Wash at: 60°C.
Size: S - 2XL
CE: EN 471 class 3

OrderNo: **055079811** Yellow/Navy
055079818 Orange/Black





Sweatshirt jacket class 1 **New!**

Zip, chest pocket with zip, side pockets, the right side pocket with safety pocket, D-ring, elastic reflectors.

Fabric: 100% cotton (high-visibility 50% cotton 50% polyester).

Weight: 300 g. Wash at: 60°C.

Size: XS - 4XL

CE: EN ISO 20471 class 1

OrderNo: **943039811** Yellow
943039818 Orange



T-Shirt long sleeve class 3 **New!**

T-Shirt with crew neck. Elastic reflectors.

Fabric: 53% cotton, 47% polyester. Weight: 185 g. Wash at: 60°C.

Size: XS - 4XL

CE: EN ISO 20471 class 3 (XS class 2)

OrderNo: **076033011** Yellow
076033018 Orange



Polo shirt class 3

Polo shirt with elastic reflectors. Collar with buttons.

Fabric: 53% cotton, 47% polyester. Weight: 185 g. Wash at: 60°C.

Size: XS, S, M/L, XL, 2XL, 3XL, 4XL

CE: EN ISO 20471 class 3 (XS-S class 2).

OrderNo: **066033011** Yellow
066033018 Orange





T-Shirt class 3

T-Shirt with crew neck. Elastic reflectors.

Fabric: 53% cotton, 47% polyester. Weight: 185 g. Wash at: 60°C.
Size: XS, S, M/L, XL, 2XL, 3XL, 4XL
CE: EN ISO 20471 class 3 (XS-S class 2)

OrderNo: **065033011** Yellow
065033018 Orange



T-Shirt class 3

T-Shirt with crew neck.

Fabric: 75% polyester, 25% viscose. Weight: 175 g. Wash at: 40°C.
Size: M - 2XL
CE: EN 471 class 3

OrderNo: **053079511** Yellow/Navy
053079518 Orange/Black



High-visibility vest class 3

Chest pocket.

Fabric: 100% polyester. 130 g/m².
Size: M - 2XL
CE: EN ISO 20471 class 3

OrderNo: **308310** Yellow/Orange
322960 Yellow



High-visibility vest class 2

Zip.

Fabric: 100% polyester. 130 g/m².
Size: XS - 2XL
CE: EN ISO 20471 class 2

OrderNo: **307886** Yellow
307887 Orange





Shell jacket class 3

Shell jacket with taped seams. Removable and adjustable hood. Double chest pockets. Right pocket with flap, left pocket with zip. D-ring. Articulated sleeves. Zip-up side pockets. Inside pocket with zip, mobile phone pocket and pen pocket inside jacket. Adjustable sleeves and hem.

Fabric: 100% polyester with PU coating on the inside. Waterproof and windproof 5,000 mm/ 5,000 g. Weight: 220 g. Wash at: 40°C.

Size: XS - 3XL
CE: EN 471 class 3
EN 343

OrderNo: **734006611** Yellow
734006618 Orange



Winter lined parka, class 3

Winter parka jacket with taped seams. Removable and adjustable hood. Double chest pockets. Right pocket with flap and ID card holder under the pocket. Left pocket with zip. Napoleon pocket with zip on the left chest. Phone and pen pocket inside. Side pockets and front lower pockets. The front pockets have flaps. The side pockets have zips. Two mesh expander inside pockets plus a zip-up safety pocket. Adjustable at the cuffs, waist and hem.

Fabric: 100% polyester with PU coating on the inside. Waterproof and windproof 5,000 mm/5,000 g. Weight: 220 g. Wash at: 40°C.

Size: XS - 3XL
CE: EN 471 class 3
EN 343

OrderNo: **735076611** Yellow
735076618 Orange



Shell trousers class 2

Shell trousers with taped seams. Elasticated waistband at the sides. D-ring at waist. Loops. Zip-up side pockets. Back pockets with flap. Left thigh pocket with flap. Articulated knees for added comfort. Snow gaiter, zip-open ankle and leg width adjustment.

Fabric: 100% polyester with PU coating on the inside. Waterproof and windproof 5,000 mm/5,000 g. Weight: 220 g. Wash at: 40°C.

Size: XS - 3XL
CE: EN 471 class 2
EN 343

OrderNo: **298006611** Yellow





Shell jacket class 3

Shell jacket with taped seams. Removable and adjustable hood. Zip-up chest pocket on the right-hand side. Napoleon pocket with zip on the left chest. Phone and pen pocket inside. Side pockets. D-ring inside the right pocket. Inside pockets. One with elasticated mesh, the other with a zip. Pen pocket inside the jacket. Adjustable outer cuff and inner sleeve cuff. Adjustable hem. Elastic reflectors.

Fabric: 100% polyester. Waterproof and windproof
15,000 mm/11,000 g. Weight: 250 g. Wash at: 40°C.
Size: S - 4XL
CE: EN ISO 20471 class 3
EN 343

OrderNo: **796036911** Yellow/Black
796046911 Yellow/Navy
796036918 Orange/Black



Women's shell jacket class 3

Shell jacket with taped seams. Removable and adjustable hood. Zip-up chest pocket on the right-hand side. Napoleon pocket with zip on the left chest. Phone and pen pocket inside. Side pockets. D-ring inside the right pocket. Inside pockets. One with elasticated mesh, the other with a zip. Pen pocket inside the jacket. Adjustable outer cuff and inner sleeve cuff. Adjustable hem. Elastic reflectors.

Fabric: 100% polyester. Waterproof and windproof
15,000 mm/11,000 g. Weight: 250 g. Wash at: 40°C.
Size: XS - 3XL
CE: EN ISO 20471 class 3
EN 343

OrderNo: **546036911** Yellow/Black
546036918 Orange/Black



Shell trousers class 1

Shell trousers with taped seams. Elasticated waistband at the sides. Back pockets with flap. Zip-up side pockets. D-ring inside the right pocket. Thigh pockets, knife button and ruler pocket on the right side. ID card holder in left-hand pocket with flap closure. Knee pad pouches (to take pads 972290 and 972292). Snow gaiter, zip-open ankle and leg width adjustment. Elastic reflectors.

Fabric: 100% polyester. Waterproof and windproof
15,000 mm/11,000 g. Weight: 250 g. Wash at: 40°C.
Size: XS - 4XL
CE: EN ISO 20471 class 1
EN 343

OrderNo: **217016999** Black/Yellow
217016969 Navy/Yellow
217026999 Black/Orange





Winter jacket class 3

Padded winter jacket with taped seams. Removable and adjustable hood. Chest pockets with waterproof zips. D-ring under the right chest pocket. Left chest Napoleon pocket. Zip-up side pockets, D-ring inside the right-hand pocket. Two inner pockets, one with a zip. Adjustable hem and cuffs. Inner sleeve cuff. Elastic reflectors.

Fabric: 100% polyester. Waterproof and windproof 15,000 mm/11,000 g.

Weight: 250 g. Wash at: 40°C.

Size: XS - 4XL

CE: EN ISO 20471 class 3 (XS class 2)

EN 343

EN 342

OrderNo: **795146911** Yellow/Navy
795136911 Yellow/Black
795136918 Orange/Black

Björnkälder



Winter parka jacket class 3

Padded winter parka with taped seams. Removable and adjustable hood. Two chest pockets. The right-hand pocket has flap closure and ID card holder. The left-hand pocket has a waterproof zip. Napoleon pocket with zip on the left chest. Front and side pockets. The front pockets have flap closures. The side pockets have a zip. D-ring inside the right-hand pocket. Two inside pockets, one zip-up, the other with elastic mesh. Adjustable hem and cuffs. Inner sleeve cuff. Elastic reflectors.

Fabric: 100% polyester. Waterproof and windproof 15,000 mm/11,000 g.

Weight: 250 g. Wash at: 40°C.

Size: XS - 4XL

CE: EN ISO 20471 class 3 (XS class 2)

EN 343

EN 342

OrderNo: **797046911** Yellow/Navy
797036911 Yellow/Black
797036918 Orange/Black
797036922 Red/Black

Björnkälder



Winter trousers class 2

Padded winter trousers. Loops for attaching tool pockets (Order no. 907176511 and 907176518). Adjustable at the waist. Side pockets with waterproof zips. D-ring inside the right-hand pocket. Leg pockets with compartments. Right thigh pocket with knife button and ruler pocket. ID card holder inside left thigh pocket with flap closure. Knee pad pouches (to take pads 972290 and 972292). Snow gaiter, zip-open ankle and leg width adjustment. Elastic reflectors.

Fabric: 100% polyester. Waterproof and windproof 15,000 mm/11,000 g.

Weight: 250 g. Wash at: 40°C.

Size: XS - 4XL

CE: EN ISO 20471 class 2

EN 343

EN 342

OrderNo: **215046911** Yellow/Navy
215036911 Yellow/Black
215036918 Orange/Black
215036922 Red/Black

Björnkälder



Tool pockets

Detachable tool pockets with compartments for tools and pens. Matches winter trousers 215-0 and 225-0.

Fabric: 75% polyester, 25% cotton. Weight: 260 g. Wash at: 60°C.

OrderNo: **907176518** Orange
907176511 Yellow

Björnkälder



Winter jacket class 3

Jacket with longer back. Zip-up chest pocket on right-hand side. D-ring right chest. Left chest Napoleon pocket with extra inside pocket for mobile phone and pens. Zip-up side pockets. Inside pocket. Adjustable at the hem. Elasticated panels at the side hems. Inner sleeve cuffs.

Fabric: 75% polyester, 25% cotton water-repellent.
Weight: 260 g. Wash at: 40°C.

Size: S - 3XL
CE: EN 471 class 3

OrderNo: **7980X6511** Yellow/Navy
7980N6511 Yellow/Grey
7980Z6518 Orange/Black



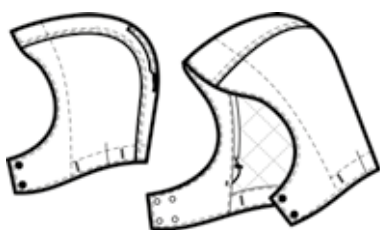
Winter parka jacket class 3

Lined parka jacket. Zip-up chest pocket on right-hand side. D-ring right chest. Left chest Napoleon pocket with extra inside pocket for mobile phone and pens. Front pockets with flap and side pockets. Adjustable waist and hem. Inner sleeve cuffs and adjustable sleeve width.

Fabric: 75% polyester, 25% cotton water-repellent.
Weight: 260 g. Wash at: 40°C.

Size: S - 3XL
CE: EN 471 class 3

OrderNo: **7460X6511** Yellow/Navy
7460N6511 Yellow/Grey
7460Z6518 Orange/Black



Hood

Hood to go with the parka. Great for keeping the rain and wind out! Wash at: 40°C.

Fabric: 75% polyester, 25% cotton water-repellent.
Weight: 260 g. Wash at: 40°C.

Size: M - L

OrderNo: **088006511** Yellow
088006518 Orange



Winter trousers class 2

Lined trousers with belt loops. Side pockets, D-ring in the hem. Back pockets with flap. Right thigh pocket with flap. Articulated knees for added comfort.

Fabric: 75% polyester, 25% cotton water-repellent.
Weight: 260 g. Wash at: 40°C.

Size: S - 3XL
CE: EN 471 class 2.

OrderNo: **2810X6511** Yellow/Navy blue
2810N6511 Yellow/Grey
2810Z6518 Orange/Black





ProTec functional & winter jacket class 3 **New!**

Breathable, wind and waterproof jacket. All seams are taped. Removable hood. The mesh lining and removable padded lining make this an all-season jacket. Waterproof zips under the sleeves for ventilation. Waterproof zip on chest pocket. Inner strap for ID card. Side pockets, inside pockets and a phone pocket.

Fabric: 100% polyester with PU laminate on the reverse.
Waterproof rating of 10,000 mm. Breathability of 5,000 g/m²/24h.
Weight 200 g/m². Wash at: 40°C.
Size: S - 3XL (Yellow/Black: S - 5XL)
CE: EN ISO 20471 class 3 (XS class 2)

OrderNo: **87125417** Yellow/Black
331021 Orangey red/Black

UNIVERN



ProTec functional trousers class 1 **New!**

Breathable, wind and waterproof jacket. All seams are taped. Mesh lining, removable straps, inside knee pad pouches, snow gaiter. Reinforced around the ankles and knees. Ruler pocket and zip-up back pocket. Use matching, approved short kneepads, order no: 972291 or 972293.

Fabric: 100% polyester with PU laminate on the reverse.
Waterproof rating of 10,000 mm. Breathability of 5,000 g/m²/24h.
Weight 200 g/m². Wash at: 40°C.
Size: S - 3XL
CE: EN ISO 20471 class 1

OrderNo: **87130417** Black/Yellow
331022 Black/Orangey red

UNIVERN



ProTec winter boiler suit class 3 **New!**

Breathable, wind and waterproof jacket. All seams are taped. Mesh lining, removable hood, inside knee pad pouches, snow gaiter. Reinforced around the ankles and knees. External chest pocket with waterproof zip. Use matching, approved short kneepads, order no: 972291 or 972293. Wash at: 40°C.

Fabric: 100% polyester with PU laminate on the reverse.
Waterproof rating of 10,000 mm. Breathability of 5,000 g/m²/24h.
Weight 200 g/m².
Size: S - 3XL
CE: EN ISO 20471 class 3

OrderNo: **331047** Yellow/Black
331065 Orangey red/Black

UNIVERN





Jacket with detachable sleeves class 3

Jacket with removable sleeves. Chest pockets, the left-hand pocket with zip, the right-hand pocket with external compartments, plus zip-up pocket. D-ring. Zip-up side pockets. Inside pocket and internal mobile phone pocket. Adjustable elasticated cuffs. Elasticated hem.

Fabric: 75% polyester, 25% cotton water-repellent.

Weight: 260 g. Wash at: 40°C.

Size: S - 3XL

CE: EN 471 class 3 (sleeveless class 2)

OrderNo: **7990X6511**



Softshell jacket class 3 **New!**

Windproof and waterproof, breathable. Fleece lining, two side pockets and one chest pocket with zip. Elastic hem and reflectors.

Fabric: 100% 75D polyester with PU laminate on the reverse.
Waterproof rating of 8,000 mm. Breathability of 3,000 g/m²/24h.

Weight 300 g/m². Wash at: 40°C.

Size: S - 3XL

CE: EN ISO 20471 class 3

OrderNo: **9812517**

9812520

98125419

Yellow/Black

Orange/Black

Red/Black



ProTec winter parka class 3 **New!**

Breathable, wind and waterproof jacket. All seams are taped. Removable hood. The parka has a mesh lining, but also a removable padded lining and can be worn year-round. Waterproof zips under the sleeves for ventilation. Waterproof zip on chest pocket. Inner strap for ID card. Side pockets, inside pockets and a phone pocket.

Fabric: 100% polyester with PU laminate on the reverse.
Waterproof rating of 10,000 mm. Breathability of 5,000 g/m²/24h.

Weight 200 g/m². Wash at: 40°C.

Size: S - 3XL

CE: EN ISO 20471 class 3

OrderNo: **87126417**





Flame-resistant



Trousers, welding

New!

Welding trousers with side pockets. D-ring, ruler pocket, knife button, thigh pocket with extra pocket for mobile phone. ID card holder. Double back pockets with flap, double hammer holders, knee pad pouches to take pads 972290 and 972292. Reflectors at the left ankle.

Fabric: 80% cotton, 19% polyester, 1% antistatic. Weight: 340 g.

Wash at: 60°C

Size: 44 - 60, 92 - 124, 146 - 158

CE: EN ISO 11612 A1 B1 C1 E3 F1

EN ISO 11611 A1 class 2

EN 1149-5,

IEC 61482-2 class 1 (class 2 together with long underpants 331188)

ATPV 13.8 cal/cm²

EN ISO 13034 PB [6]

Oeko-Tex

OrderNo: **270057269** Navy
270057299 Black



Jacket, welding

New!

Welding jacket with press studs, front lining for added safety. Chest pocket with ID card holder, side pockets with zip, D-ring, adjustable hem and cuffs, zip-up inside pocket. Articulated sleeves.

Fabric: 80% cotton, 19% polyester, 1% antistatic. Weight: 340 g.

Wash at: 60°C

Size: XS - 4XL

CE: EN ISO 11612 A1 B1 C1 E3 F1

EN ISO 11611 A1 class 2

EN 1149-5

IEC 61482-2 class 1 (class 2 together with undershirt 331190)

ATPV 13.8 cal/cm²

EN ISO 13034 PB [6]

Oeko-Tex

OrderNo: **770057269** Navy
770057299 Black



Jacket, welding

Flame-resistant jacket that withstands exposure to welding operations. Articulated sleeves and adjustable hem for added comfort. Double chest pockets, ID card pocket and detachable key strap. Spacious zip pocket and a mobile phone pocket inside the jacket. Jacket with press stud closure.

Fabric: 77% cotton/22% polyester/1% antistatic, canvas, approx. 370 g/m². Wash at: 60°C.

Size: XS - 4XL

CE: EN ISO 11611, A1 - class 1

EN ISO 11612, A1 B1 C1 E3 F1

EN 1149-5

IEC 61482-2 class 1.

OrderNo: **772076269** Navy/Red
772076299 Black/Grey





Boiler suit, welding

New!

Welding boiler suit with press studs. Chest pockets, ID card holder, side pockets, pass-through pockets, D-ring, adjustable elasticated waist. Adjustable cuffs. Articulated sleeves. Ruler pocket and knife button. Double back pockets with flap, knee pad pouches to take pads 972290 and 972292. Reflectors at the left ankle.

Fabric: 80% cotton, 19% polyester, 1% antistatic. Weight: 340 g.
Wash at: 60°C

Size: 44 - 64, 96 - 124, 146 - 158

CE: EN ISO 11612 A1 B1 C1 E3 F1

EN ISO 11611 A1 class 2

EN 1149-5

IEC 61482-2 class 1 (class 2 together with undershirt 331190 and long underpants 331188)

ATPV 13.8 cal/cm²

EN ISO 13034 PB [6]

Oeko-Tex

OrderNo: **860057269** Navy



Boiler suit, welding

Flame-resistant boiler suit for welding work etc. Features double chest pockets, thigh pocket, pockets for ruler, phone and ID card, a knife button, detachable key strap and articulated knees with inside knee pad pouches. Pass-through pockets under the side pockets. Press stud closure. Use matching, approved, long kneepads, order no: 972294, 972290 or 972292.

Fabric: 77% cotton/22% polyester/1% antistatic, canvas, approx. 370 g/m². Wash at: 60°C.

Size: 44 - 64, 96 - 124, 146 - 158

CE: EN ISO 11612, A1 B1 C1 F1

EN ISO 11611, A1 - class 1

EN 1149-5

IEC 61482-2 class 1

OrderNo: **852056269** Navy



Flame-resistant and antistatic boiler suit **New!**

Boiler suit with concealed zip, adjustable waist, two zip-up chest pockets, inner pocket, pen pocket on the sleeve, two back pockets, ruler pocket, leg pocket, knee pad pockets. Reflective trim around legs, sleeves and shoulders.

Fabric: 99% cotton/1% antistatic, weight 350 g/m². Wash at: 60°C.

Size: 44 - 70

CE: EN ISO 11612 A1 B1 C1

EN 1149-5

EN 61482-1-2.

OrderNo: **853054624** Red



Flame-resistant





Carpenter trousers

New!

Trousers with pockets for tools and pens. Zip-up pocket on left utility pocket. Side pockets, D-ring, ruler pocket, knife button, thigh pocket with extra pocket for mobile phone. ID card holder. Double back pockets with flap, double hammer holders, knee pad pouches to take pads 972290 and 972292. Reflectors at the left ankle.

Fabric: 80% cotton, 19% polyester, 1% antistatic. Weight: 340 g.
Wash at: 60°C

Size: 44 - 60, 92 - 120, 146 - 156

CE: EN ISO 11612 A1 B1 C1 F1

EN 1149-5,

IEC 61482-2 class 1 (class 2 together with long underpants

331188)

ATPV 13.8 cal/cm2

Oeko-Tex

OrderNo: **260057269** Navy
260057299 Black



Jacket

Flame-resistant jacket with articulated sleeves and adjustable hem for added comfort. Several practical pockets, ID card pocket and detachable key strap. Spacious zip pocket and a mobile phone pocket inside the jacket. Zip-up jacket.

Fabric: 77% cotton/22% polyester/1% antistatic, canvas, approx. 370 g/m². Wash at: 60°C.

Size: XS - 4XL

CE: EN ISO 11612, A1 B1 C1 F1

EN 1149-5

IEC 61482-2 class 1

OrderNo: **779076269** Navy/Red
779076299 Black/Grey





Polo shirt long sleeve **New!**

Functional polo shirt made of flame-resistant inherent fabric. Buttons at the neck.

Fabric: 60% modacrylic, 39% cotton, 1% antistatic.

Weight: 230 g. Wash at: 60°C.

Size: XS - 4XL

CE: EN ISO 11612, A1, B1, C1

EN 1149-5,
IEC 61482-2 class 1

OrderNo: **074056369**
074056399

Navy
Black

*Replaces 984676, 984699
in spring 2017*



Sweatshirt jacket, flame-resistant **New!**

Sweatshirt jacket with concealed zip. Side pockets, the right-hand with a D-ring and an extra zip-up pocket. Inside pocket. Hem and sleeve cuffs.

Fabric: 54% modacrylic, 44% cotton, 2% antistatic.

Weight: 375 g. Wash at: 60°C.

Size: XS - 4XL

CE: EN ISO 11612 A1 A2 B1 C2 F2

EN 1149-5
IEC 61482-2 class 1

OrderNo: **949056469**
949056499

Navy
Black



Shirt **New!**

Shirt with concealed buttons at the front. Two chest pockets with flap. Cuff buttons.

Fabric: 99% cotton, 1% antistatic. Weight: 190 g. Wash at: 60°C.

Size: XS - 4XL

CE: EN ISO 11612 A1 A2 B1 C1

EN 1149-5
IEC 61482-2 class 1

OrderNo: **960054869**
960054899

Navy
Black

*Replaces 953054869/99
in spring 2017*





High-visibility flame-resistant



Trousers, welding

New!

Welding trousers with side pockets. D-ring, ruler pocket, knife button, thigh pocket with extra pocket for mobile phone. ID card holder. Double back pockets with flap, double hammer holders, knee pad pouches to take pads 972290 and 972292.

Fabric: 80% cotton, 19% polyester, 1% antistatic.

Weight: 340 g. Wash at: 60°C,

Size: 44 - 64, 96 - 124, 146 - 158

CE: EN ISO 20471 class 2

EN ISO 11612 A1 B1 C1 E3 F1

EN ISO 11611 A1 class 2

EN 1149-5

IEC 61482-2 class 1 (class 2 together with long underpants 331188)

ATPV 13.8 cal/cm²

EN ISO 13034 PB [6]

Oeko-Tex.

OrderNo: **270287211** Yellow/Navy



Jacket, welding

New!

Welding jacket with press studs, front lining for added safety. Chest pocket with ID card holder, side pockets with zip, D-ring, adjustable hem and cuffs, zip-up inside pocket. Articulated sleeves.

Fabric: 80% cotton, 19% polyester, 1% antistatic. Weight: 340 g.

Wash at: 60°C,

Size: XS - 4XL

CE: EN ISO 20471 class 3 (XS class 2)

EN ISO 11612 A1 B1 C1 E3 F1

EN ISO 11611; A1 class 2

EN 1149-5,

IEC 61482-2 class 1 (class 2 together with undershirt 331190)

ATPV 13.8 cal/cm²

EN ISO 13034 PB [6]

Oeko-Tex

OrderNo: **780387211** Yellow/Navy



Boiler suit, welding

New!

Welding boiler suit with press studs. Chest pockets, ID card holder, side pockets, pass-through pockets, D-ring, adjustable elasticated waist. Adjustable cuffs. Articulated sleeves. Ruler pocket and knife button. Double back pockets with flap, knee pad pouches to take pads 972290 and 972292.

Fabric: 80% cotton, 19% polyester, 1% antistatic.

Weight: 340 g. Wash at: 60°C,

Size: 44 - 64, 96 - 124, 146 - 158

CE: EN ISO 20471 class 1

EN ISO 11612 A1 B1 C1 E3 F1

EN ISO 11611 A1 class 2

EN 1149-5

IEC 61482-2 class 1 (class 2 together with Undershirt 331190 and long underpants 331188)

ATPV 13.8 cal/cm²

EN ISO 13034 PB [6]

Oeko-Tex

OrderNo: **865187269** Navy/Yellow





Boiler suit, welding

Flame-resistant, high-visibility boiler suit with press studs that also withstand welding work. Features thigh pocket, pockets for ruler, phone and ID card, a knife button and articulated knees with inside knee pad pouches. Use matching, approved, long kneepads, order no: 972294, 972290 or 972292.

Fabric: 77% cotton/22% polyester/1% antistatic, canvas, approx. 370 g/m². Wash at: 60°C.

Size: 44 - 64, 96 - 124, 146 - 158

CE: EN ISO 20471 class 1
EN ISO 11611, A1 - class 1
EN ISO 11612, A1 B1 C1 E3 F1
EN 1149-5
IEC 61482-2 class 1

OrderNo: **847076269** Navy/Yellow



Carpenter trousers

New!

Trousers with double utility pockets with compartments for tools and pens. Zip-up pocket on left utility pocket. Side pockets, D-ring, ruler pocket, knife button, thigh pocket with extra pocket for mobile phone. ID card holder. Double back pockets with flap, double hammer holders, knee pad pouches to take pads 972290 and 972292.

Fabric: 80% cotton, 19% polyester, 1% antistatic.

Weight: 340 g. Wash at: 60°C

Size: 44 - 64, 96 - 124, 146 - 158

CE: EN ISO 20471 class 2
EN ISO 11612 A1 B1 C1 F1
EN 1149-5
IEC 61482-2 class 1 (class 2 together with long underpants 331188)
ATPV 13.8 cal/cm²
Oeko-Tex

OrderNo: **260287211** Yellow/Navy



Carpenter trousers

New!

Trousers with double utility pockets with compartments for tools and pens. Zip-up pocket on left utility pocket. Side pockets, D-ring, ruler pocket, knife button, thigh pocket with extra pocket for mobile phone. ID card holder. Double back pockets with flap, double hammer holders, knee pad pouches to take pads 972290 and 972292.

Fabric: 80% cotton, 19% polyester, 1% antistatic.

Weight: 340 g. Wash at: 60°C

Size: 44 - 60, 88 - 120, 146 - 156

CE: EN ISO 20471 class 1
EN ISO 11612 A1 B1 C1 F1
EN 1149-5
IEC 61482-2 class 1 (class 2 together with long underpants 331188)
ATPV 13.8 cal/cm²
Oeko-Tex

OrderNo: **265187269** Navy/Yellow



High-visibility flame-resistant





Carpenter trousers

Trousers made of inherent fabric. Double utility pockets with compartments for tools and pens. D-ring and key holder inside the right-hand pocket. Hammer loop on right-hand side. Side pockets. ID card holder hidden under the right-hand utility pocket. Double back pockets, the left-hand pocket with flap. Double thigh pockets with multiple compartments for tools, mobile phone and pens. Ruler pocket and knife button. Articulated knees. Knee pad pouches to take pads 972290 and 972292.

Fabric: 55% modacrylic/Protex, 38% cotton, 5% Kevlar,
2% antistatic. Weight: 340 g. Wash at: 60°C.
Size: 44 - 62, 96 - 120, 146 - 158
CE: EN ISO 20471 class 2
EN ISO 11612, A1 B1 C1 F1
EN 1149-5
IEC 61482-2 class 1

OrderNo: **204076011** Yellow/Navy



Jacket

Flame-resistant high visibility jacket with zip and many practical details such as attachments for two-way radios, two chest pockets and two side pockets. Spacious pocket and mobile phone pocket inside the jacket.

Fabric: 77% cotton/22% polyester/1% antistatic, approx. 370 g/m².
Wash at: 60°C.
Size: XS - 4XL
CE: EN ISO 20471 class 1
EN ISO 11612, A1 B1 C1 F1
EN 1149-5
IEC 61482-2 class 1

OrderNo: **778086269** Navy/Yellow



Jacket **New!**

Jacket with zip, front lining for superior safety. Chest pockets, ID card holder, zip-up side pockets, D-ring, adjustable hem and cuffs, zip-up inside pocket. Articulated sleeves.

Fabric: 80% cotton, 19% polyester, 1% antistatic.
Weight: 340 g. Wash at: 60°C
Size: XS - 4XL
CE: EN ISO 20471 class 2
EN ISO 11612 A1 B1 C1 E3 F1
EN 1149-5
IEC 61482-2 class 1 (class 2 together with undershirt 331190)
ATPV 13.8 cal/cm²
EN ISO 13034 PB [6]
Oeko-Tex

OrderNo: **774287211** Yellow/Navy





Jacket

New!

Jacket with zip, front lining for superior safety. Chest pocket with ID card holder, side pockets with zip, D-ring, adjustable hem and cuffs, zip-up inside pocket. Articulated sleeves.

Fabric: 80% cotton, 19% polyester, 1% antistatic.

Weight: 340 g. Wash at: 60°C

Size: XS - 4XL

CE: EN ISO 20471 class 3 (XS class 2)

EN ISO 11612 A1 B1 C1 E3 F1

EN 1149-5

IEC 61482-2 class 1 (class 2 together with undershirt 331190)

ATPV 13.8 cal/cm²

EN ISO 13034 PB [6]

Oeko-Tex

OrderNo: **760387211** Yellow/Navy



Jacket

Jacket made of inherent fabric with zip. Chest pockets, the left-hand pocket with zip, the right-hand with flap. ID card holder right-hand chest pocket. Zip-up pocket on left sleeve. Side pockets, D-ring inside the right-hand pocket. Inside mobile phone pocket, and zip-up inside pocket. Buttons at hem to adjust the fit.

Fabric: 55% modacrylic/Protex, 38% cotton, 5% Kevlar, 2% antistatic. Weight: 340 g. Wash at: 60°C.

Size: XS - 4XL

CE: EN ISO 20471 class 3 (XS class 2)

EN ISO 11612, A1 B1 C1 F1

EN 1149-5

IEC 61482-2 class 1

OrderNo: **779176011** Yellow/Navy



Boiler suit

New!

Boiler suit with zip. Chest pockets, loops for communication equipment, ID card holder, side pockets, pass-through pockets, D-ring. Back waist elastication. Left sleeve pocket. Adjustable cuffs. Articulated sleeves. Ruler pocket. Double back pockets with flap, knee pad pouches to take pads 972290 and 972292.

Fabric: 80% cotton, 19% polyester, 1% antistatic. Weight: 340 g. Wash at: 60°C.

Size: 44 - 70

CE: EN ISO 20471 class 3

EN ISO 11612 A1 B1 C1 E3 F1

EN 1149-5

IEC 61482-2 class 1 (class 2 together with undershirt 331190 and long underpants 331188)

ATPV 13.8 cal/cm²

EN ISO 13034 PB [6]

Oeko-Tex

OrderNo: **880387211** Navy/Yellow





Jacket with long zip

Jacket made of inherent fabric. Long zip. Side pockets, the right-hand pocket with zip and D-ring. Inside pocket.

Fabric: 54% modacrylic/Protex, 44% cotton, 2% antistatic. Weight: 375 g. Wash at: 60°C.

Size: XS - 3XL
CE: EN ISO 20471 class 3 (XS class 2)
EN ISO 11612, A1 A2 B1 C2 F2
EN 1149-5
IEC 61482-2 class 1

OrderNo: **947086411** Yellow/Navy



Jacket with long zip

Jacket made of inherent fabric. Long zip. Side pockets, the right-hand pocket with zip and D-ring. Inside pocket.

Fabric: 54% modacrylic/Protex, 44% cotton, 2% antistatic. Weight: 375 g. Wash at: 60°C.

Size: XS - 3XL
CE: EN ISO 20471 class 1
EN ISO 11612, A1 A2 B1 C2 F2
EN 1149-5
IEC 61482-2 class 1

OrderNo: **948086469** Navy/Yellow



Shirt

New!

Shirt with concealed buttons at the front. Two chest pockets with flap. Cuff buttons.

Fabric: 99% cotton, 1% antistatic. Weight: 190 g. Wash at: 60°C.

Size: XS - 4XL
CE: EN ISO 11612 A1 A2 B1 C1
EN 1149-5
IEC 61482-2 class 1
EN ISO 20471 class 1

OrderNo: **965184869** Navy/Yellow





Polo shirt long sleeve **New!**

Polo shirt made of inherent fabric. Press studs.

Fabric: 60% modacrylic, 39% cotton, 1% antistatic.
Weight: 230 g. Wash at: 60°C.
Size: XS - 4XL
CE: EN ISO 11612, A2, B1, C1
EN 1149-5, IEC 61482-2 class 1
EN ISO 20471 class 3

OrderNo: **072086411** yellow *Replaces 326200*



T-Shirt, long sleeve **New!**

T-Shirt made of inherent fabric.

Fabric: 60% modacrylic, 39% cotton, 1% antistatic.
Weight: 230 g. Wash at: 60°C.
Size: XS - 4XL
CE: EN ISO 11612, A2, B1, C1
EN 1149-5, IEC 61482-2 class 1
EN ISO 20471 class 3

OrderNo: **077086411** Yellow*Replaces 326201*



Flame-resistant, high-visibility vest class 3

Chest pocket.

Fabric: 100% polyester, 130 g/m².
Size: M - 4XL
CE: EN ISO 20471 class 3
EN ISO 14116 Index 1

OrderNo: **308210** Yellow/Orange





Parka jacket

Parka jacket made of inherent fabric. Front zip. Adjustable, removable hood. Removable lining. Chest pockets with flap, ID card holder inside the right-hand pocket. Holder above right chest pocket for walkie-talkie. Side pockets. The right pocket with zip, D-ring and key holder. Waist and hem with drawstring. Taped seams, windproof and waterproof.

Fabric: 55% modacrylic/Protex, 44% cotton, 1% antistatic.

Weight: 290 g. Wash at: 40°C.

Size: XS - 5XL

CE: EN ISO 20471 class 1

EN ISO 11612 A1 B1 C1 F1

EN 1149-5, IEC 61482-2 class 1

EN 343

OrderNo: **765077869**



Parka jacket

Padded parka jacket made of inherent fabric. Zip. Removable and adjustable hood. Chest pockets, ID card holder inside the right-hand pocket. Holder above right chest pocket for walkie-talkie. Side pockets. The right pocket with zip and D-ring. Inside pocket. Waist and hem with drawstring. Inner sleeve cuff. Taped seams, windproof and waterproof.

Fabric: 55% modacrylic/Protex, 44% cotton, 1% antistatic.

Weight: 290 g. Wash at: 40°C.

Size: XS - 3XL

CE: EN ISO 20471 class 3

EN ISO 11612 A1 B1 C1 F1

EN 1149-5

IEC 61482-2 class 1

EN 343

OrderNo: **768087811**



Jacket

Padded jacket made of inherent fabric. Zip. Removable and adjustable hood. Chest pockets, ID card holder inside the right-hand pocket. Holder above right chest pocket for walkie-talkie. Side pockets. The right pocket with zip and D-ring. Inside pocket. Drawstring hem. Inner sleeve cuff. Taped seams, windproof and waterproof.

Fabric: 55% modacrylic/Protex, 44% cotton, 1% antistatic.

Weight: 290 g. Wash at: 40°C.

Size: XS - 3XL

CE: EN ISO 20471 class 3

EN ISO 11612 A1 B1 C1 F1

IEC 61482-2 class 1

EN 1149-5

EN 343

OrderNo: **767087811**





Trousers

Lightly-padded trousers made of inherent fabric. Loops at waist. Side pockets with flap. Right side pocket with zip and D-ring. ID card holder in right thigh pocket. Articulated knees. Zipped opening at the ankle. Adjustable ankles. Taped seams, windproof and waterproof.

Fabric: 55% modacrylic/Protex, 44% cotton, 1% antistatic.

Weight: 290 g. Wash at: 40°C

Size: XS - 3XL

CE: EN ISO 20471 class 2

EN ISO 11612 A1 B1 C1 F1

EN 1149-5

IEC 61482-2 class 1

EN 343

OrderNo: **226087811**



Flame-resistant waterproof rain jacket with hood, class 3 **New!**

Waterproof rain jacket with hood made of flame-resistant PU/PVC. Two side pockets with flap. Heavy-duty buttons with front storm flap. Buttons for sleeve width adjustment. 5 cm transfer reflective strip around sleeves, shoulders, front and back. Excellent wear resistance.

Fabric: 84% PVC, 16% PU on flame-resistant knit polyester.

Weight: 340 g/m2 Wash at: 40°C

Size: S - 3XL

CE: EN 471 class 3

EN 14116 Index 1/5H/40

EN 343

OrderNo: **661017**



Flame-resistant waterproof trousers with shoulder straps, class 1 **New!**

Waterproof trousers with adjustable shoulder straps. Press studs to adjust the fit at the waist and legs. 5 cm transfer reflective strip around legs. Excellent wear resistance.

Fabric: 84% PVC, 16% PU on flame-resistant knit polyester.

Weight: 340 g/m2 Wash at: 40°C

Size: S - 3XL

CE: EN 471 class 1

EN 14116 Index 1/5H/40

EN 343

OrderNo: **661517**





Long underpants **New!**

Long underpants with gusseted crotch for greater comfort. Comfortable, generous fit. Soft ribbed ankles.

Fabric: 50% cotton, 39% modacrylic, 10% viscose, 1% antistatic, 160 g/m2. Wash at: 40°C.

Size: S - 3XL
CE: EN ISO 11612
EN 1149-5
IEC 61482-2

OrderNo: **331188**



Polo shirt with zip **New!**

Polo shirt with zip. Longer back. Comfortable, generous fit. Soft ribbed wrists.

Fabric: 50% cotton, 39% modacrylic, 10% viscose, 1% antistatic, 160 g/m2. Wash at: 40°C.

Size: S - 3XL
CE: EN ISO 11612
EN 1149-5
IEC 61482-2

OrderNo: **331191**



Sweater with crew neck **New!**

Sweater with crew neck and longer back. Comfortable, generous fit. Soft ribbed wrists.

Fabric: 50% cotton, 39% modacrylic, 10% viscose, 1% antistatic, 160 g/m2. Wash at: 40°C.

Size: S - 3XL
CE: EN ISO 11612
EN 1149-5
IEC 61482-2

OrderNo: **331190**



T-shirt **New!**

T-shirt with crew neck and longer back. Comfortable, generous fit.

Fabric: 50% cotton, 39% modacrylic, 10% viscose, 1% antistatic, 160 g/m2. Wash at: 40°C.

Size: S - 3XL
CE: EN ISO 11612
EN 1149-5
IEC 61482-2

OrderNo: **331189**





Polo neck top

Fabric: 78% Merino wool/20% Protex-M/
2% antistatic. Weight: 225 g/m².
Size: S - 3XL
CE: EN ISO 11612 A1 B1 C1
IEC 61482-2 class 1
EN 1149-5

OrderNo: **308937**



Polo shirt with short zip

Fabric: 78% Merino wool/20% Protex-M/
2% antistatic. Weight: 225 g/m².
Size: S - 3XL
CE: EN ISO 11612 A1 B1 C1
IEC 61482-2 class 1
EN 1149-5

OrderNo: **308936**



Shirt with crew neck

Fabric: 78% Merino wool/20% Protex-M/
2% antistatic. Weight: 225 g/m².
Size: XS - 3XL
CE: EN ISO 11612 A1 B1 C1
IEC 61482-2 class 1
EN 1149-5

OrderNo: **308930**



Short-sleeve undershirt

Fabric certified in accordance
with EN ISO 11612 A1 B1 C1, IEC
61482-2 class 1 and EN 1149-5.

Fabric: 78% Merino wool/20% Protex-M/
2% antistatic. Weight: 225 g/m².
Size: XS - 3XL

OrderNo: **984666**



Men's long underpants

Fabric: 78% Merino wool/20% Protex-M/
2% antistatic. Weight: 225 g/m².
Size: S - 3XL
CE: ISO 11612 A1 B1 C1
IEC 61482-2 class 1

OrderNo: **308932**



Women's long underpants

Fabric: 80% Merino wool/20%
Protex-M. Weight 225 g/m².
Size: XS - XL
CE: ISO 11612 A1 B1 C1
IEC 61482-2 class 1

OrderNo: **984665**





Polo neck top with zip

Fabric: 83% Merino wool/15% Protex-M/
2% antistatic. Weight: 360 g/m².
Size: XS - 3XL
CE: EN ISO 11612 A1 B2 C1
IEC 61482-2 class 1
EN 1149-5

OrderNo: **308927**



Jacket with full-length zip

Fabric: 83% Merino wool/15% Protex-M/
2% antistatic. Weight: 360 g/m².
Size: XS - 3XL
CE: EN ISO 11612 A1 B2 C1
IEC 61482-2 class 1
EN 1149-5

OrderNo: **305577**



Vest with full-length zip and longer back

Fabric certified in accordance with EN ISO
11612 A1 B2 C2, IEC 61482-2 class 1 and EN
1149-5.

Fabric: 83% Merino wool/15% Protex-M/
2% antistatic. Weight: 360 g/m²
Size: XS - 3XL

OrderNo: **984691**



Trousers without fly

Fabric certified in accordance with EN ISO
11612 A1 B2 C2, IEC 61482-2 class 1 and EN
1149-5.

Fabric: 83% Merino wool/15% Protex-M/
2% antistatic. Weight: 360 g/m²
Size: XS - 3XL

OrderNo: **308928**



Sports bra

Fabric certified in accordance with EN ISO
11612 A1 B2 C2, IEC 61482-2 class 1 and EN
1149-5. Measurement under/across fullest
part of the bust: XS=63-67cm/77-85cm, S=68-
72cm/82-94cm, M=73-77cm/87-100cm, L=78-
82cm/92-106cm, XL=83-87cm/97-112cm,
XXL=88-92cm/102-117cm.

Fabric: 58% Merino wool/40% Protex-M/
2% antistatic. Weight: 329 g/m².
Size: XS - 2XL

OrderNo: **984700**



Women's boxers

Fabric certified
in accordance with EN ISO 11612 A1 B1
C1 and IEC 61482-2 class 1.

Fabric: 80% Merino wool/20%
Protex-M. Weight 210 g/m².
Size: XS - XL

OrderNo: **984664**





Men's boxers

Fabric certified in accordance with EN ISO 11612 A1 B1 C1, IEC 61482-1-2 class 1 and EN 1149-5.

Fabric: 78% Merino wool/20% Protex-M/
2% antistatic. Weight: 225 g/m².
Size: XS - XXXL

OrderNo: **308931**



Thin wool socks

The fabric is certified to EN ISO 11612 A1 B2 C2.

Fabric: 95% wool/ 5% lycra.
Weight: 790 g/m².
Size: 36-40, 41-46

OrderNo: **984660**



Ragg wool socks

Fabric certified in accordance with EN ISO 11612 A1 B2 C3.

Fabric: 80% wool/18% polyamide/
2% elastane. Weight: 840 g/m².
Size: 36-40, 41-46

OrderNo: **984661**



Polo neck warmer

Fabric certified in accordance with EN ISO 14116.

Fabric: 50% Merino wool/50%
Protex-M. Weight: 200 g/m².

OrderNo: **984662**



Snood

One size. Fabric certified in accordance with EN ISO 11612 A1 B1 C1, IEC 61482-1-2 class 1 and EN 1149-5.

Fabric: 78% Merino wool/20% Protex-M/
2% antistatic. Weight: 225 g/m².

OrderNo: **984689**



Snood New!

Fabric: 50% cotton, 39% modacrylic,
10% viscose, 1% antistatic,
160 g/m². Wash at: 40°C.

CE: EN ISO 11612
EN 1149-5
IEC 61482-2

OrderNo: **331193**



Boxer shorts New!

Fabric: 50% cotton, 39% modacrylic,
10% viscose, 1% antistatic, 160
g/m². Wash at: 40°C.

Size: S - 3XL
CE: EN ISO 11612
EN 1149-5
IEC 61482-2

Best. nr: **331204**



Balaclava New!

Fabric: 50% cotton, 39% modacrylic,
10% viscose, 1% antistatic,
160 g/m². Wash at: 40°C.

CE: EN ISO 11612
EN 1149-5
IEC 61482-2

OrderNo: **331192**



Balaclava

One size. Fabric certified in accordance with EN ISO 11612 A1 B1 C1, IEC 61482-1-2 class 1 and EN 1149-5.

Fabric: 78% Merino wool/20% Protex-M/
2% antistatic. Weight: 225 g/m².

OrderNo: **984663**





Wind, rain and cold



Shell trousers

Shell trousers with taped seams and lining. Elasticated waistband with drawstring. Side pockets, thigh pocket with zip. Articulated knees, adjustable ankles and reflector on the back of the left leg.

Fabric: 100% polyamide. Waterproof and windproof
10,000 mm/10,000 g. Weight: 150 g. Wash at: 40°C
Size: XS - 3XL
CE: EN 343

OrderNo: **216075899** Black



Women's shell trousers **New!**

Shell trousers with taped seams and lining. Elasticated waistband with drawstring. Side pockets, thigh pocket with zip. Articulated knees, adjustable ankles and reflector on the back of the left leg.

Fabric: 100% polyamide. Waterproof and windproof
10,000 mm/10,000 g. Weight: 150 g. Wash at: 40°C
Size: XS - 3XL
CE: EN 343

OrderNo: **580005899** Black



Shell trousers, Sky Dry

Fully-taped shell trousers with loops. Zip-up side pockets. Back pockets with flap. D-ring inside the right-hand pocket. Elasticated waist. Articulated knees. Reflectors on calves. Adjustable ankle cuffs with zippered snow gaiters.

Fabric: 100% polyamide. Waterproof and windproof
5,000 mm/5,000 g. Weight: 190 g. Wash at: 40°C
Size: XS - 3XL

OrderNo: **221076899** Black



Shell trousers with utility pockets, ProTec **New!**

Breathable, wind and waterproof jacket. All seams are taped. Mesh lining inside, waterproof zips for ventilation to hips and thighs. Utility pockets, external knee pad pouches to take pads 972291 and 972293.

Fabric: 100% Oxford polyester with PU laminate on the reverse. 210 g/m². Wash at: 40°C.
Waterproof rating of 10,000 mm.
Breathability of 5,000 gram/m²/24h.

Size: XS - 3XL

OrderNo: **855904** Black





Shell jacket, Sky Dry

Shell jacket with fully taped seams and front waterproof zip. Lightly-padded with adjustable and removable hood. Chest pocket with flap and D-ring on the right-hand side. Waterproof zips on side pockets. D-ring inside the right-hand pocket. Dark grey reflectors on the back, chest and sleeves. Zip-up inside pocket. Adjustable hem and cuffs.

Fabric: 100% polyamide. Waterproof and windproof
10,000 mm/10,000 g. Weight: 150 g. Wash at: 40°C.

Size: S - 3XL
CE: EN 343

OrderNo: **729075869** Navy
729075899 Black



Women's shell jacket, Sky Dry

Shell jacket with fully taped seams and front waterproof zip. Lightly-padded with adjustable and removable hood. Chest pocket with zip on the right-hand side. Zip-up side pockets. D-ring inside the right-hand pocket. Dark grey reflectors on the back, sides and sleeves. Inside pocket with zip. Adjustable hem and cuffs.

Fabric: 100% polyamide. Waterproof and windproof
10,000 mm/10,000 g. Weight: 150 g. Wash at: 40°C.

Size: XS - 3XL
CE: EN 343

OrderNo: **545075825** Red
545075869 Navy
545075899 Black



Shell jacket, ProTec **New!**

Fully-taped shell jacket. Windproof and waterproof, breathable. Removable and adjustable hood. Mesh lining inside, waterproof zips, under the sleeves too for extra ventilation. External chest pocket. Inside mobile phone pocket. Zip-up side pockets. Reflective piping.

Fabric: 100% polyester with PU laminate on the reverse.
210 gram/m². Wash at: 40°C. Waterproof: Waterproof rating of 10,000 mm. Breathability of 5,000 gram/m²/24h.

Size: XS - 4XL
CE: EN 343

OrderNo: **91770104** Cornflower blue/Black
91770604 Green/Black
91771504 Grey/Black



Shell jacket, Sky Dry

Shell jacket with fully taped seams and adjustable, removable hood. Right chest pocket with ID card holder and waterproof zip. Left sleeve pocket with waterproof zip. Zip-up side pockets. Dark reflectors, adjustable hem and cuffs. Inside left pocket. Mobile phone pocket on right side.

Fabric: 100% polyamide. Waterproof and windproof
5,000 mm/5,000 g. Weight: 190 g. Wash at: 40°C.

Size: XS - 3XL

OrderNo: **741076899** Black





Shell jacket with high-visibility trim **New!**

Fully-taped shell jacket, partly mesh lined inside, waterproof zip, chest pocket with ID card holder. Zip-up side pockets. Adjustable, removable hood. Yellow/orange panels. Adjustable hem and cuffs. Inside pocket with zip.

Fabric: 100% polyamide. Weight: 150 g. Wash at: 40°C.
Waterproof and windproof 10,000 mm/10,000 g.
Size: XS - 4XL
CE: EN 343

OrderNo: **719015899** Black/Yellow
719025899 Black/Orange



Softshell jacket, Carpenter Nordic

Lightweight, versatile, water-repellent, triple-layer softshell fabric. Drawstrings in the hood and hem. Adjustable cuffs. Dark reflectors on sleeves. Inside pocket, zip-up side pockets, D-ring, chest pocket with zip.

Fabric: 100% polyester. Weight: 195 g. Water-repellent and windproof 15,000 mm/15,000 g. Wash at: 40°C
Size: XS - 4XL

OrderNo: **941075999** Black



Softshell jacket **New!**

Wind and water-repellent, breathable. Lightweight fleece lining. Adjustable at the hem and cuffs. Zip-up chest pocket. Spacious side pockets, internal safety pocket with zip on both sides. Adjustable hood. Reflective trim.

Fabric: 100% polyester, fleece. 325 g/m2.
Wash at: 60°C. Waterproof rating of 10,000 mm
Breathability of 5,000 gram/m2/24h.
Size: S - 4XL

OrderNo: **17940304** Steel-blue/Black
17941504 Charcoal grey/Black



Women's softshell jacket **New!**

Wind and water-repellent, breathable. Lightweight fleece lining. Cut for the female figure. Adjustable at the hem and cuffs. Zip-up chest pocket. Spacious side pockets, internal safety pocket with zip on both sides. Adjustable hood. Reflective trim.

Fabric: 100% polyester, fleece. 325 g/m2.
Wash at: 60°C. Waterproof rating of 10,000 mm
Breathability of 5,000 gram/m2/24h.
Size: S - 4XL

OrderNo: **17930304** Steel-blue/Black
17931504 Charcoal grey/Black





Softshell jacket, Carpenter ACE

Water-repellent, triple-layer, softshell fabric. Fleece lining. Waterproof zip on chest pocket and front. Key strap inside the pocket. Side pockets. Inside pocket and mobile phone pocket inside the jacket.

Fabric: 90% polyester, 6% polyurethane, 4% elastane.
Water-repellent and windproof 7,000 mm/15,000 g.
Weight: 345 g. Wash at: 40°C

Size: XS - 3XL

OrderNo: **928076199** Black



Jacket, On Duty

Lightly-padded jacket with zip. Stretch panel in armpit. Zip-up right chest pocket. Left chest pocket with ID-card holder. Zip-up side pockets, D-ring inside the right-hand pocket. Buttons to adjust the sleeve fit. Back seam reflector. 2 inside security pockets.

Fabric: 65% polyester, 35% cotton water-repellent
(stretch 49% polyamide, 42% polyester, 9% elastane).
Weight: 240 g. Wash at: 40°C.

Size: XS - 3XL

OrderNo: **728077599** Black



Winter jacket ProNordic **New!**

Waterproof, windproof and breathable, taped seams. Removable and adjustable hood. Two front button-up pockets and two side zip-up pockets. Chest pocket with waterproof zip. Inside pocket and sleeve pocket. Longer back. Two-way front zip. Reflective trim. Adjustable lower sleeve and cuff.

Fabric: 100% polyamide with PU laminate.
Wash at: 40°C. Waterproof rating of 15,000 mm
Breathability of 11,000 gram/m²/24h.

Size: S - 4XL

CE: EN 342
EN 343

OrderNo: **1915503** Navy
1915504 Black



Women's winter jacket ProNordic **New!**

Waterproof, windproof and breathable, taped seams. Removable and adjustable hood. Two front button-up pockets and two side zip-up pockets. Chest pocket with waterproof zip. Inside pocket and sleeve pocket. Longer back. Two-way front zip. Reflective trim. Adjustable lower sleeve and cuff.

Fabric: 100% polyamide with PU laminate.
Wash at: 40°C. Waterproof rating of 15,000 mm
Breathability of 11,000 gram/m²/24h.

Size: XS - 2XL

CE: EN 342
EN 343

OrderNo: **1915609** Red
1915603 Navy
1915604 Black





Winter jacket, ProTec **New!**

Breathable, wind and waterproof jacket. All seams are taped. Waterproof zips under the sleeves for ventilation. Waterproof zips on chest and side pockets. Removable hood.

Fabric: 100% polyester with PU laminate on the reverse.
Waterproof rating of 10,000 mm. Breathability of 5,000 g/m²/24h.
Weight 200 g/m². Wash at: 40°C.

Size: XS - 3XL

OrderNo:

8155417 Black/Yellow
815554 Black/Orange
81550401 Black/Blue - available autumn 2017
81550415 Black/Dark grey - available autumn 2017

UNIVERN



Pilot jacket

Jacket with fur fibre in the collar. Chest pockets with zips, left sleeve pocket. Side pockets. The right pocket with internal safety pocket and D-ring. 2 inside pockets. Hem and sleeve cuffs.

Fabric: 100% polyester. Weight: 260 g. Wash at: 40°C.
Size: S - 3XL

OrderNo: **738076569** Navy
738076599 Black


Björnläder

Replaced by 725075669/99
in autumn 2017



Pilot jacket

Padded jacket made of water-repellent fabric with reinforced elbows. Zip-up chest pocket on right-hand side. Napoleon pocket with zip, side pockets with D-ring inside the right-hand pocket, front pockets with flap. Hem and sleeve cuffs.

Fabric: 65% polyester, 35% cotton (water-repellent), reinforced with 100% polyamide. Weight: 235 g.
Wash at: 40°C.

Size: XS - 4XL

OrderNo: **704077599** Black


Björnläder



Pilot jacket **New!**

Padded jacket with zip. Zip-up chest and sleeve pockets. Pen pocket on left sleeve. Fleece-lined side pockets with button closure. D-ring inside the right-hand pocket. Zip-up inside pocket. Hem and sleeve cuffs.

Fabric: 100% polyester. Weight: 135 g. Wash at: 40°C.
Size: XS - 3XL

OrderNo: **706076899** Black Available autumn 2017


Björnläder



Winter parka jacket ProNordic **New!**

Waterproof, windproof and breathable, taped seams. Removable and adjustable hood. Two side pockets with flap and zip at front. Two chest pockets. Mobile phone pocket. Two inside pockets. Drawcord at waist and adjustable hem. Reflective trim. Adjustable lower sleeve and cuff.

Fabric: 100% polyamide with PU laminate.
Wash at: 40°C. Waterproof rating of 15,000 mm
Breathability of 11,000 gram/m²/24h.
Size: S - 4XL
CE: EN 342
EN 343

OrderNo: **1925503** Navy
1925504 Black



Women's winter parka jacket ProNordic **New!**

Waterproof, windproof and breathable, taped seams. Removable and adjustable hood. Two side pockets with flap and zip at front. Two chest pockets. Mobile phone pocket. Two inside pockets. Drawcord at waist and adjustable hem. Reflective trim. Adjustable lower sleeve and cuff.

Fabric: 100% polyamide with PU laminate.
Wash at: 40°C. Waterproof rating of 15,000 mm
Breathability of 11,000 gram/m²/24h.
Size: XS - 2XL
CE: EN 342
EN 343

OrderNo: **1925609** Red
1925603 Navy
1925604 Black



Winter parka jacket

Padded parka jacket made of water-repellent fabric with reinforced elbows. Adjustable, removable hood. Right chest pocket with zip and pen pockets. Horizontal zip-up pocket and D-ring left-waist. Napoleon pocket with zip. Front pockets with flap. Adjustable hem, waist and sleeve cuffs. Sleeve with inner cuff. Elastic inside pockets.

Fabric: 65% polyester, 35% cotton (water-repellent), reinforced with 100% polyamide. Weight: 235 g.
Wash at: 40°C.
Size: XS - 4XL

OrderNo: **736077599** Black





Winter trousers

Padded trousers made of water-repellent fabric and reinforced. Loops at waist and fasteners for attachable tool pockets (Order no. 907075099). D-ring in right-side loop. Back pockets with flap and side pockets. Double thigh pockets. Right-side ruler pocket and knife button. Left pocket with ID card holder and pocket for mobile phone. Knee pad pouches (to take pads 972290 and 972292). Adjustable ankle cuffs with zippered gaiters. Reflectors on the back of the legs.

Fabric: 65% polyester, 35% cotton (water-repellent), reinforced with 100% polyamide. Weight: 235 g.
Wash at: 40°C.

Size: 44 - 60, 92 - 124

OrderNo: **225077599** Black



Winter trousers ProNordic **New!**

Waterproof, windproof and breathable, taped seams. Snow gaiters inside the legs. Ankle-to-knee zip. Velcro leg adjustments. Thigh pocket with waterproof zip, inside holder for ID-card pocket. Ruler pocket and pen pocket. Reinforced knees, rear and lower legs. Articulated legs. Reflective trim. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 100% polyamide with PU laminate.
Wash at: 40°C. Waterproof rating of 15,000 mm
Breathability of 11,000 gram/m²/24h.

Size: S - 4XL

CE: EN 342
EN 343

OrderNo: **1935504** Black



Tool pockets

Detachable tool pockets with compartments for tools and pens. Matches winter trousers 225-0.

Fabric: 100% polyamide. Weight: 210 g. Wash at: 60°C.

OrderNo: **907075099** Black



Women's winter trousers ProNordic **New!**

Waterproof, windproof and breathable, taped seams. Snow gaiters inside the legs. Ankle-to-knee zip. Velcro leg adjustments. Thigh pocket with waterproof zip, inside holder for ID-card pocket. Ruler pocket and pen pocket. Reinforced knees, rear and lower legs. Articulated legs. Reflective trim. Knee pad pouches (to take pads 972290 and 972292).

Fabric: 100% polyamide with PU laminate.
Wash at: 40°C. Waterproof rating of 15,000 mm
Breathability of 11,000 gram/m²/24h.

Size: XS - 3XL

CE: EN 342
EN 343

OrderNo: **1935604** Black





Winter boiler suit, ProTec **New!**

Breathable, wind and waterproof jacket. All seams are taped. Waterproof zips under the sleeves for ventilation. Waterproof zips on chest and side pockets. Removable hood. Detachable belt at the waist, snow lock, inside knee pad pouches. Use approved, short kneepads, OrderNo: 972291 or 972293.

Fabric: 100% polyester with PU laminate on the reverse.
Waterproof rating of 10,000 mm. Breathability of 5,000 g/m²/24h.
Weight 200 g/m². Wash at: 40°C.

Size: XS - 3XL

OrderNo: 8655417	Black/Yellow
865554	Black/Orange
86550401	Black/Blue - <i>available autumn 2017</i>
86550415	Black/Dark grey - <i>available autumn 2017</i>

UNIVERN 



Winter boiler suit

Breathable, wind and waterproof jacket. All seams are taped. Detachable hood, zip, chest pocket for radio, sleeve pocket, Napoleon pocket, two inner pockets and two large thigh pockets. Internal seat area protection. Reinforced knees and inside snow gaiter in the legs with zip up to the waist. Removable belt at the waist. Reflective trim around sleeves and legs.

Fabric: 100% polyester with PU laminate on the reverse.
Waterproof rating of 10,000 mm. Breathability of 5,000 g/m²/24h.
Weight 210 g/m². Wash at: 40°C.

Size: XS - 3XL

OrderNo: **866004** Black/Cornflower blue

UNIVERN 



Grolls base layer

Complete base layer (undershirt and long underpants) made of treated polyester. Excellent choice for active wear! Long back. Breathable fabric that wicks moisture away. Packaged in a paper box.

Fabric: 100% polyester. Weight: 155 g/m². Wash at: 60°C.
Size: XS - 4XL

OrderNo: **327610** Black/Blue

GROLLS®



Microfleece base layer

Microfleece base layer. Microfleece is a good mid-layer fabric when you're wearing multiple layers. It traps the warmth and wicks away moisture from the inner layers. The zip in the neck allows you to let in more air or close it for extra warmth.

Fabric: 100% polyester. Wash at: 60°C.
Size: XS - 4XL

OrderNo: **327620** Black

GROLLS®



Super base layer polyester **New!**

Thin and comfortable base layer set. Moisture-wicking fabric. Ribbed ankles. Long back and polo neck with zip. Contrasting blue seams.

Fabric: 100% polyester. Weight: 190 g/m2. Wash at: 40°C.
Size: S - 4XL

OrderNo: **976004**



Super base layer polyester women **New!**

Thin and comfortable base layer set. Moisture-wicking fabric. Ribbed ankles. Long back and polo neck with zip. Contrasting red seams.

Fabric: 100% polyester. Weight: 190 g/m2. Wash at: 40°C.
Size: XS - 2XL

OrderNo: **976104**





Merino wool base layer **New!**

Sweater with high neck and zip, longer back. Long underpants with gusseted crotch for greater comfort. Generous fit. Comfort temperature: +5°C to -10°C.

Fabric: 100% Merino wool, 210 g/m². Wash at 40°C.
Size: XS - 3XL

OrderNo: **86104** Zip Polo
86004 Long underpants



Wool/polyester/acrylic base layer **New!**

Sweater with longer back. Long underpants with gusseted crotch for greater comfort. Generous fit. Comfort temperature: +5°C to -40°C.

Fabric: 60% Merino wool, 20% polyester, 20% acrylic.
280 g/m². Wash at 40°C
Size: XS - 3XL

OrderNo: **66254** Zip Polo
661417 Round-neck shirt
76004 Long underpants







Forest jacket class 3

Jacket with fully taped seams. Designed for work with a strimmer or brush cutter. Double chest pockets with zip. D-ring inside the right-hand pocket. Left sleeve pocket with flap. Ventilation in the back. Inside pocket in the back for first-aid kit. Adjustable waist and cuffs. Inner sleeve cuff.

Fabric: 100% polyester. Waterproof and windproof
15,000 mm/ 11,000 g. Weight: 250 g. Wash at: 40°C.

Size: XS - 3XL

CE: EN ISO 20471 class 3 (XS class 2)
EN 343

OrderNo: **789036922**



Chain saw safety trousers

Chain saw safety trousers with fully-taped seams and removable elastic shoulder straps. Elasticated waistband with loops. Side pockets with zip, D-ring inside the right-hand pocket. Back pocket with zip and flap. Ventilation at the back of the legs. Right thigh pocket for knife and ruler. Articulated knees for added comfort. Reflectors at the left ankle. Adjustable ankles.

Fabric: 100% polyester. Waterproof and windproof
15,000 mm/ 11,000 g. Weight: 250 g. Wash at: 40°C.

Size: XS - 3XL

CE: EN 381-5 class 1, design A
EN 343

OrderNo: **229036922**



Chainsaw protection trousers

Dungarees with protective padding. Two practical side pockets and back elastication for maximum comfort. Adjustable straps.

Fabric: 100% polyester, 210 g/m². Wash at: 40°C.

Size: S - 2XL

CE: EN 381 class 1 design A

OrderNo: **331038**







Men's trousers

The men's trousers have a broad hem to allow the leg length to be extended. Back pocket with flap. Pen pocket and thigh pocket with flap. Ruler pocket. Two front pockets. Belt loops.

Fabric: 65% polyester and 35% cotton.
Wash at 75°.

Size: 44 - 64

OrderNo: **2322601**



Trousers with cuffs

Unisex trousers with cuffs at the hem for added comfort. Drawstring and elastic waist, twin side pockets, back pocket with flap and leg pocket.

Fabric: 65% polyester and 35% cotton.
Wash at 75°

Size: XS - 4XL

OrderNo: **235071301**



Unisex trousers

Elasticated waistband with drawstring. Two side pockets. Back pocket with flap. Press studs at the hem allow for leg width adjustment.

Fabric: 65% polyester and 35% cotton.
Wash at 75°

Size: XS - 3XL

OrderNo: **2342601**



Boiler suit

Boiler suit with buttons. Broad hem allows the leg length to be extended. Inside left chest pocket. Two back pockets with flap. Adjustable waist (elasticated and button). Pen pocket and thigh pocket with flap. Ruler pocket. Two front pockets. Unisex.

Fabric: 65% polyester and 35% cotton.
Wash at 75°

Size: XS - 3XL

OrderNo: **8272601**





Long coat

Coat with inside left chest pocket and two front pockets with flap. Adjustable waist (tab and button). Side slits, placket and adjustable sleeve width with buttons. Unisex.

Fabric: 65% polyester and 35% cotton.

Wash at 75°

Size: XS - 3XL

OrderNo: **5102601**



Jacket

Jacket with inside left chest pocket. Two front pockets with flap. Adjustable waist (tab and button). Placket and adjustable sleeve width with buttons.

Size: XS - 3XL

Fabric: 65% polyester and 35% cotton.

Wash at 75°

OrderNo: **4102601**



Long-sleeve shirt

Inside left chest pocket. Placket and adjustable sleeve width with buttons. Side slits. Unisex.

Fabric: 65% polyester and 35% cotton.

Wash at 75°

Size: XS - 4XL

OrderNo: **3722601**



Short-sleeve shirt

Inside left chest pocket. Placket and adjustable sleeve width with buttons. Side slits. Unisex.

Fabric: 65% polyester and 35% cotton.

Wash at 75°

Size: XS - 3XL

OrderNo: **3712601**



Baker's shirt

Inside left chest pocket. Slits at the sides. Unisex.

Fabric: 65% polyester and 35% cotton.

Wash at 75°

Size: XS - 3XL

OrderNo: **3502601**







Ultra-robust rubber/polyurethane knee pads

Robust, ergonomic knee protection. Fabric: Rubber/polyurethane. Size: 290x147x30 mm

OrderNo: **972294**



Rubber knee pads

Ergonomic knee protection. Fabric: Rubber.

OrderNo: **972290** 290x147x16 mm
972291 240x147x16 mm



Polythene knee pads

Ergonomic knee protection. Fabric: Polythene.

OrderNo: **972292** 290x147x20 mm
972293 240x147x20 mm



External knee pads OX-ON

Robust knee pads made of PVC/nylon. Velcro closures for secure fit.

OrderNo: **66000**



Belt, Björnkläder

Belt with grey text. Bottle opener on reverse side of buckle. Fabric: Polypropylene. Size: L120 cm B39 mm

OrderNo: **082070099**



Belt, Carpenter ACE

Cotton belt. Carpenter ACE print. Bottle opener on reverse side of buckle. Fabric: 100% cotton. Size: L130 cm, B39 mm.

OrderNo: **080070099**



Stretch belt

Stretch fabric belt. Bottle opener on reverse side of buckle. Size: L120 cm, B39 mm.

OrderNo: **973196**



Cotton belt

Cotton belt. Bottle opener on reverse side of buckle. Fabric: 100% cotton. Size: L120 cm, B39 mm.

OrderNo: **973036** Dark grey
973069 Navy
973099 Black



Belt with Velcro closure

Belt with Velcro closure, available in 3 sizes, 100 cm, 110 cm and 120 cm.

OrderNo: **973177** 100 cm
973176 110 cm
973175 120 cm



Flame-resistant belt with Velcro closure

Flame-resistant belt with Velcro closure. Fabric: FR Polyester. Available in three sizes. Length 100 cm suits sizes 44-50, length 120cm suits sizes 52-56, length 140cm suits sizes 58-64.

OrderNo: **081050100** 100 cm
081050120 120 cm
081050140 140 cm



Leather belt

Leather belt. Fabric: 100% leather. Size: S/78-92 cm, M/92-106 cm, L/106-120 cm.

Size: S - L

OrderNo: **973103** Black





Tool pockets

Detachable tool pockets with compartments for tools and pens. Matches winter trousers 215-0 and 225-0. Fabric: 75% polyester, 25% cotton. Weight: 260 g. Wash at: 60°C.

OrderNo: **907075099** Black
907176518 Orange
907176511 Yellow



Hammer holder

Metal hammer holder with Velcro closure for belt.

OrderNo: **331166**



Sailor bag, Carpenter Nordic

Water-repellent sailor bag, 85x42 cm (approx. 100 litres). Drawstring closure, two adjustable straps, all seams are taped. Fabric: 100% polyester.

OrderNo: **098070099**



Key holder **New!**

Leather key holder with hook for attaching keys etc. on belt.

OrderNo: **331165**



Cap, On Duty

Cap, adjustable at back of head. Folding brim. Fabric: 100% cotton.

Size: S/M - L/XL

OrderNo: **085000099**





Klasse Hat

Single jersey hat made of cotton/elastane with six matching flat-locked seams at the top. Perfect for applying heat transfers. Fleece lining.

OrderNo: **327588** Black
327589 Royal blue
327590 Red
327591 White
327592 Navy
327593 Hi-vis yellow
327594 Hi-vis orange



ProTec winter hat

Windproof, waterproof, breathable. All seams are taped. The brim and side ear-flaps can be folded up. Fleece lining. One size, adjustable.

OrderNo: **331062** Black
331063 Orange
331064 Yellow



Balaclava

100% polyester. Fleece lining.

OrderNo: **327576**



Knitted hat with reflective thread

Knitted wool/acrylic hat with Gore Windstopper fabric and 3M reflective thread. One size.

OrderNo: **226669** Navy blue
226699 Black



Helmet hat

Hat that covers the ears. Fabric: 95% polyester/5% spandex. Fleece lining.

OrderNo: **327577**



Hat, Carpenter Nordic

Stretch fabric hat. Fabric: 95% cotton, 5% elastane. Wash at: 40°C

OrderNo: **094070066** Blue
094070099 Black





Knitted hat with stripes **New!**

100% acrylic. Wash at 40°C

OrderNo: **308000067** Black/steel-blue
308000012 Black/yellow



Reversible beanie **New!**

Reversible. 100% acrylic. Wash at 40°C.

OrderNo: **309000012** Black/yellow
309000022 Black/red



Knitted hat **New!**

Knitted hat with fold-up cuff. 100% acrylic.
 Wash at 40°C.

OrderNo: **310000099** Black





Grolls Coolmax thin socks

Grolls Coolmax thin socks. 70% Coolmax, 25% polyamide. 5% elastane.

Size: 37-39, 40-43, 44-47

OrderNo: **283150**

GROLLS®



Grolls Coolmax thick socks

Grolls Coolmax thick socks. 70% Coolmax, 25% polyamide. 5% elastane.

Size: 37-39, 40-43, 44-47

OrderNo: **283160**

GROLLS®



Grolls socks 3-pack

Grolls socks 3-pack. 88% cotton, 12% nylon.

Size: 36-39, 40-45, 46-48

OrderNo: **283170**

GROLLS®



Merino wool socks

Warm and comfortable wool socks. 77% Merino wool 11% polyamide. 9% cordura and 3% lycra.

Size: 37-39, 40-42, 43-45, 46-48

OrderNo: **308400**

GROLLS®



Merino wool neck warmer

Practical garment that can be worn different ways to keep your head and neck warm. One size. 100% Merino wool. 210 g/m².

OrderNo: **86804**

UNIVERN



Neck warmer, Carpenter Nordic

Neck warmer. Stretch fabric. Reversible black and blue. Fabric: 95% cotton, 5% elastane

OrderNo: **095070099**


Björnklander



Work braces

OrderNo: **207999** Black braces with clips
206999 Black braces, elasticated with clips


Björnklander