

New flame resistant & flame resistant/hi-vis collection!



Björnkläder®

Brief information on the standards mentioned in our flame resistant collection



EN ISO 11612 - CLOTHING TO PROTECT AGAINST HEAT AND FLAME

(In principle, replaces EN 531)

Garments certified to EN ISO 11612 provide protection while working in hot environments where there is a risk of sudden contact with a small flame. Moreover, the garments give protection to some extent against heat convection and radiant heat during limited time and intensity.

(The standard does not apply for welding work or equipment for fire-fighters).

Coding

A, Limited flame spreading.

B, Convective heat:

C, Radiant heat:

D, Molten aluminium:

E, Molten iron:

F, Contact heat.

Classes:

A1 and A2. No edge ignition, no burn holes, no melting, no flames or afterglow for more than 2 seconds.

Tests are done from both the edge and above the fabric; A1 is performed on non-hemmed fabric samples and A2 on hemmed fabric samples.

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.

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

D1, D2 and D3. A PVC film is placed behind the test body, which is exposed to the minimum quantity of molten aluminium for the applicable class. The PVC film must be undamaged after the test has been performed. Highest class D3.

E1, E2 and E3. A PVC film is placed behind the test body, which is exposed to the minimum quantity of molten iron for the applicable class. The PVC film must be undamaged after the test has been performed. Highest class E3.

F1, F2 and F3. Indicates the included material's resistance in seconds. It may not ignite or shrink due to temperatures up to 180°C. (This code was not included in EN 531)

A few design requirements:

- The garment must completely cover the torso, neck, arms and legs. Jackets/tops must overlap trousers/bottoms by at least 20 cm.

This dimension is measured when the body is in motion, e.g. while stretching or kneeling.

- Buttons, zippers etc. must be covered by the flame resistant fabric.

In addition, for code D and E the following applies:

- No trouser/sleeve cuffs.

- All pockets must have a pocket flap that is at least 20 mm wider than the pocket opening, the exception being side pockets on trousers, which may be open if the slope does not exceed 10° from the side seam.

Other details:

- Code A, B, and C are mandatory, while code D, E and F are optional requirements.

- Fabric and seams must withstand durability tests and washing according to specific testing methods.



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

(In principle, replaces EN 470-1)

Clothing certified according to EN ISO 11611 provides protection for those carrying out welding work.

Compared to EN470-1, standard EN ISO 11611 features two different classes – Class 1 and Class 2 (See brief comparison below)

Another new aspect is that in EN ISO 11611 there is a requirement for electrical resistance.

Coding

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

Class 2: 25 drops may cause a temperature rise of 40°C on the fabric's reverse side without ignition.

Convective heat: Class 1: At least 7 seconds, 20 kW/m² heat transfer

Class 2: At least 16 seconds, 20 kW/m² heat transfer

A few design requirements:

- The garment must completely cover the torso, neck, arms and legs. Jackets/tops must overlap trousers/bottoms by at least 20cm. This dimension is measured when the body is in motion, e.g. while stretching or kneeling.

- All pockets must have a pocket flap that is at least 20 mm wider than the pocket opening, the exception being side pockets on trousers, which may be open if the slope does not exceed 10° from the side seam. There can be a ruler pocket with an opening of less than 75 mm to the rear of the side seam.

- Buttons, zippers etc. must be covered by the flame resistant fabric.

- No trouser/sleeve cuffs.

Other details:

- Fabric and seams must withstand durability tests and washing according to specific testing methods.



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

Garments certified according to EN 1149-5 protect against electrostatic charging.

A few design requirements:

- Buttons, zippers etc. must be covered by the fabric with electrostatic protection.

Other details:

- When standard EN-1149-1 or EN 1149-3 is mentioned, this designation is on fabric that has electrostatic properties according to the standard.

- The use of protective footwear is recommended.

Light arcs cause about 40% of all electrical accidents



IEC 61482-2 – LIVE WORKING – PROTECTIVE CLOTHING AGAINST THE THERMAL HAZARDS OF AN ELECTRIC ARC.

IEC 61482-1-2 is the first European standard concerning protective clothing against electric arcs (EBR = A recommended specification for electric arc testing of protective clothing for electricians from the Swedish Electricity Suppliers). Garments certified according to IEC 61482 protect against the thermal risks arising from electric arcs. In the IEC 61482 standard, there are two different classes – Class 1 and Class 2 (see brief comparison below).

Coding

Class 1: Equivalent to 4 kA, 400 volt during 500 ms. The material and garments must not burn for more than 5 seconds, melt through or have holes greater than 5 mm.

Class 2: Equivalent to 7 kA, 400 volt during 500 ms. The material and garments must not burn for more than 5 seconds, melt through or have holes greater than 5 mm.

A few design requirements:

- Buttons, zippers etc. must be covered by the electric arc resistant fabric.

Other details:

- When the standard IEC 61482-1 is mentioned, this is the designation for the standard describing the test methods.



EN 471 – PROTECTIVE CLOTHING WITH HIGH VISIBILITY FOR PROFESSIONAL USE

Certified high visibility garments are regulated by a number of requirements that are gathered in the standard EN471. In this, not only the surface area for the reflective and fluorescent material are stated but also the fabric's luminance and colourfastness. There are also strict design requirements that control, among other things, the placing of reflexes. By the symbol inside the garment, the safety class 1-3 is given regarding area and reflex material, where 3 is the highest class.

Requirements for minimum area for certification to EN 471:

High visibility material / Fluorescent area

Reflex

Combined background / Reflex

	CLASS 1	CLASS 2	CLASS 3
High visibility material / Fluorescent area	0.14 m ²	0.50 m ²	0.80 m ²
Reflex	0.10 m ²	0.13 m ²	0.20 m ²
Combined background / Reflex	0.20 m ²	-	-

A few design requirements:

- The areas in the above table are reckoned for the smallest size for each model.

- One turn of the fluorescent material is a requirement round the body, arms and legs.

- From the bottom of the garment, there must be at least 5 cm before the placing of the reflex. At least 5 cm between the reflexes.

- If contrast dyed fabric is used, there must be roughly just as much of this on the front as on the back of the garment.

Other details:

- A combination of, for example, trousers in class 2 and jacket in class 1 does not automatically give class 3.



EN 531 - PROTECTIVE CLOTHING FOR INDUSTRIAL WORKERS WHO ARE EXPOSED TO HEAT

Garments certified to EN 531 give protection in environments where there is a risk of a sudden contact with a small flame.

The garments also give protection against heat during limited time and intensity. There are special design requirements for D and E levels.

EN 531	A. Flame protection	B. Heat conductivity (HTI 24)	C. Heat radiation (RHTI 24)	D. Molten aluminium	E. Molten iron
1	X	3 – 6 s	8 – 30 s	100 – 200 g	60 – 120 g
2	---	7 – 12 s	31 – 90 s	201 – 350 g	121 – 200 g
3	---	13 – 20 s	91 – 150 s	Min 351 g	Min 201 g
4	---	21 – 30 s	Min 151 s	---	---
5	---	Min 31 s	---	---	---



EN 470-1 - PROTECTIVE GARMENTS FOR USE DURING WELDING OR SIMILAR WORK CONDITIONS

- Design – The garments should cover the torso, arms, legs and neck. No components that can lead electricity from the outside of the garment to the inside are allowed. The design should eliminate that welding sparks are stuck in pockets or seams.

- Durability – seams and fabrics should withstand durability tests and washings according to specific testing methods.

- Flame protection – Strict demands regarding flame spreading, after-glow, debris and burn holes.



EN 343 - PROTECTIVE CLOTHING - PROTECTION AGAINST FOUL WEATHER

This norm shows that the garment protects against foul weather. It requires tests to be done on fabric and seams. Beside the umbrella symbol, the classification of the garment is given, waterproofness class 1-3 and moisture resistance class 1-3,

where 3 is the highest rating. Note that the norm specifies different time limits on use in different temperatures to avoid overheating.



OEKO-TEX® STANDARD 100

Björnkälder continues its environmental work by Oeko-Tex certifying its garments. The Oeko-Tex Standard 100 is a human ecology label. Certified garments are manufactured from material (and components) inspected for chemical content according to the Oeko-Tex test system. For information on the garments that are Oeko-Tex certified, see our website: www.bjornklader.se

Light, comfortable, safe!

Fabric Description

For our new flame resistant and flame resistant/high-visibility collection, we have used a material woven in canvas. The material has good properties, both when it comes to durability and comfort. The material composition is: 77% cotton/22% polyester/1% antistatic, canvas, ca 370g/m². The material is Oeko-Tex certified.

The flame resistant treatment reacts with the cotton fibres in the material and forms a stable compound that provides permanent flame resistance. The material is certified according to the following standards:

- EN ISO 11612, A1, B1, C1, D0, E3, F1
- EN ISO 11611, class 1
- EN 1149-3
- IEC 61482-2, class 1
- EN 471 (For hi-vis fabric)



Please see the two previous pages for information on the above-mentioned standards. Note; for info on the standards to which the garment is certified, see the information for the garment in question.



Jacket

Flame resistant jacket with pre-bent sleeves and adjustable waist for good comfort. Several practical pockets, ID card pocket and detachable key strap. Inside the jacket there is a large inner pocket with zipper as well as a mobile pocket. Material: 77% cotton/22% polyamide/1% antistatic, canvas, ca 370g/m².

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



New!

Tool trousers

Functional, flame resistant tool trousers with tool pockets, ruler pocket, knife button, mobile pocket, first-aid pocket, leg pocket, ID card pocket, pen pocket, detachable key strap as well as pre-bent knees with internal knee pockets. Use matching, approved long knee pads, order no: 972294, 972290 or 972292. Material: 77% cotton/22% polyamide/1% antistatic, canvas, ca 370g/m².

Size: 44-60, 96-120, 146-156

CE: EN ISO 11612, A1 B1 C1 F1
EN 1149-5
IEC 61482-2, Class 1

OrderNo: 208076269 Navy/red
208076299 Black/grey



Clothing for welders!



Jacket

Flame resistant jacket that also withstands welding. It has pre-bent sleeves and has an adjustable waist for good comfort. Double chest pockets, ID card pocket and detachable key strap. Inside the jacket there is a large inner pocket with zipper as well as a mobile pocket. Material: 77% cotton/22% polyamide/1% antistatic, canvas, ca 370g/m².

Size: XS - 4XL

CE: EN ISO 11611, A1 – Class 1
EN ISO 11612, A1 B1 C1 E2 F1
EN 1149-5
IEC 61482-2, Class 1

OrderNo: 772076269 Navy/red
772076299 Black/grey



New!



Trousers

Flame resistant trousers that also withstand welding work. Provided with ruler pocket, knife button, mobile pocket, ID card pocket, as well as pre-bent knees with internal knee pockets. Use matching, approved long knee pads, order no: 972294, 972290 or 972292. Material: 77% cotton/22% polyamide/1% antistatic, canvas, ca 370g/m².

Size: 44 - 64, 92 - 124, 146 - 158

CE: EN ISO 11611, A1 – Class 1
EN ISO 11612, A1 B1 C1 E2 F1
EN 1149-5
IEC 61482-2, Class 1

OrderNo: 205076269 Navy/red
205076299 Black/grey



Overall

Flame resistant overall e.g. for welding work. Provided with double chest pockets, ruler pocket, knife button, mobile pocket, ID card pocket, detachable key strap as well as pre-bent knees with internal knee pockets. Use matching, approved long knee pads, order no: 972294, 972290 or 972292. Material: 77% cotton/22% polyamide/1% antistatic, canvas, ca 370g/m².

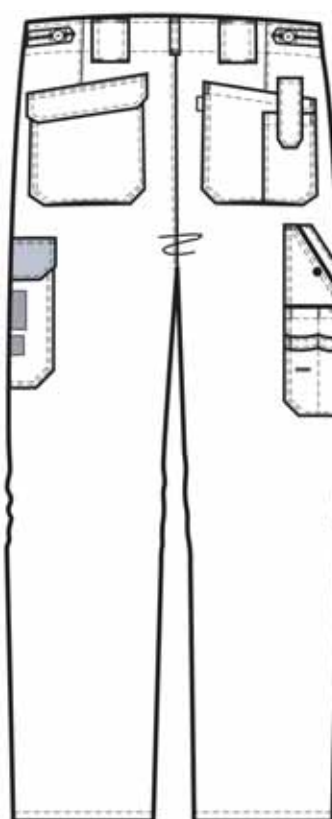
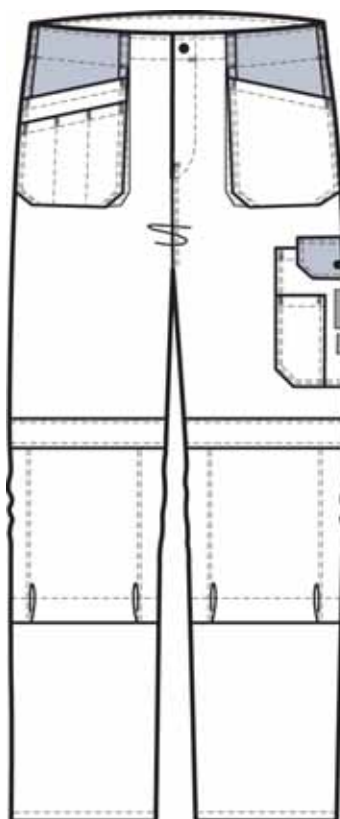
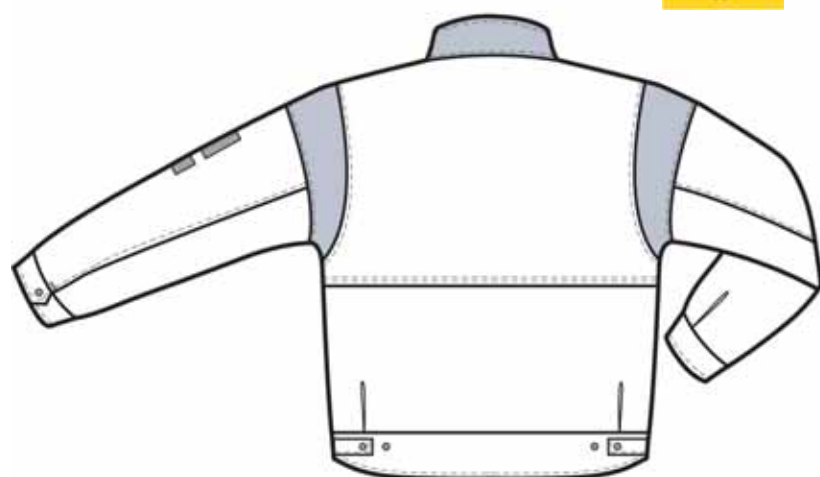
Size: 44 - 64, 96 - 124, 146 - 158

CE: EN ISO 11611, A1 – Class 1
EN ISO 11612, A1 B1 C1 E2 F1
EN 1149-5
IEC 61482-2, Class 1

OrderNo: 845076269



Flame resistant Penta



Fabric description

This fabric isn't treated with flame retardants. Instead, flame resistance is in the fibre. The fabric, which is 49% PPAN FR, 42% cotton, 5% Kevlar, 3% polyamide and 1% Static Control, provides maximum comfort and freedom of movement. Note the fabric's light weight - just 255 g/m² - an unusually low weight for a flame resistant garment.

Our flame resistant garments are spreading like wild-fire throughout Europe. Finland, Norway, Iceland, Denmark, the Netherlands, Germany and the UK have discovered that Björnkläder's flame resistant garments offer the best solutions for safety and economy.

Björnkläder's Penta Anti-Flame garment is suitable for many hazardous situations. With the Penta series, we took flame resistant garments one step further. These garments meet EN 531 requirements for A (flammability), B1 (flame contact), C1 (heat radiation).

They were light-arc tested and comply with EBR requirements.

The fabric was also tested to fulfil EN 533, index 3, EN 1149-3, EN 13034/type 6.

The fabric has excellent antistatic qualities.



Jacket

Jacket, navy/red, with zipper.

Size: S - 2XL
CE: EN531-A,B1,C1. EBR

OrderNo: 775008369



Vest

Vest, navy/red, with toolpockets.

Size: S - 2XL

OrderNo: 461008369

Penta AntiFlame - a very comfortable flame resistant collection with protective function woven into the fabric



Trousers

Trousers, navy/red with knee pockets.

Size: 40 - 60, 100 - 120, 146 - 156
CE: EN531-A,B1,C1. EBR

OrderNo: 285008369



Tool trousers

Tool trousers, navy/red with toolpockets.

Size: 46 - 60, 100 - 120, 146 - 156
CE: EN531-A,B1,C1. EBR

OrderNo: 209008369



Use fitting short knee pads order no.: 972 291 and 972 293!



Fabric description

Good, flame resistant (Proban), allround quality in 100% cotton for industrial use. The fabric breathes and features minimal shrinkage and good durability - plus it is bad at generating static charges (which is good). Weight: 340 g/m².

Boiler suit

Navy/red with buttons. It meets EN 531 requirements for A (flammability), B1 (flame contact) and C1 (heat radiation). The garment was light-arc tested and comply with EBR requirements.

Size: 46 - 64, 100 - 120, 148 - 156
CE: EN531-A,B1,C1. EN470-1. EBR

OrderNo: 844004569

The boilersuit is approved for EN470-1; and you can use it for welding or similar jobs.

Use fitting short knee pads order no.: 972 291 and 972 293!



Shirt

A comfortable ant flame shirt with low weight - only 170 g/m². Complies with the EN 531 norm. Made mainly of modacrylic and cotton, with some kevlar, polyamide and antistatic fibre for increased functionality and durability. Colour: red.

Size: XS - 4XL
CE: EN531-A,B1,C1

OrderNo: 950108425



Flame resistant polo shirt with long sleeves

A comfortable poloshirt with long sleeves. Made of 55% modacrylic, which is a flame resistant fibre and 45% cotton. Certified according to EN531 and light-arc tested and approved according to the Swedish EBR norm.

Size: XS - 3XL
CE: EN531-A,B1,C1. EBR

OrderNo: 984676



A shirt with high standards!



New!

Flame resistant shirt

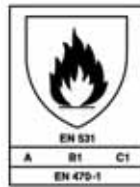
Flame retardant shirt with hidden snap buttons and two practical breast pockets. Fabric: 98% cotton/2% antistatic.

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

OrderNo: 953054825 Red
 953054869 Navy
 953054899 Black



Flame resistant winter



Winter jacket

Flame protected, navy/red

Size: XS - 2XL
CE: EN531-A,B1,C1. EN470-1. EBR
OrderNo: 7564769

Winter trousers

Flame protected, navy/red

Size: S - 2XL
CE: EN531-A,B1,C1. EN470-1. EBR
OrderNo: 224769



Hi-vis vest



Flame resistant reflecting vest

Yellow/orange. 100% polyester, 130 g/m². Breast pocket.

Size: M - 2XL
CE: EN 471-3, EN533-1

OrderNo: 308210



Flame resistant hi-vis garments

New!



Jacket

Flame resistant high-visibility jacket with pre-bent sleeves and adjustable waist for good comfort. Several practical pockets, ID card pocket and detachable key strap. Inside the jacket there is a large inner pocket with zipper as well as a mobile pocket. Yellow/navy. Material: 77% cotton/22% polyester/1% antistatic, canvas, ca 370g/m².

Size: XS - 4XL

CE: EN 471 – Class 3 for sizes S-4XL
 EN 471 – Class 2 for size XS
 EN ISO 11612, A1 B1 C1 F1
 EN 1149-5
 IEC 61482-2, Class 1

OrderNo: 779176211



Tool trousers

Functional, flame resistant high-visibility trousers with tool pockets, ruler pocket, knife button, mobile pocket, first-aid pocket, leg pocket, ID card pocket, pen pocket, detachable key strap as well as pre-bent knees with internal knee pockets. Use matching, approved long knee pads, order no: 972294, 972290 or 972292. Yellow/navy. Material: 77% cotton/22% polyester/1% antistatic, canvas, ca 370g/m².

Size: 44 - 62, 96 - 124, 146 - 158

CE: EN 471, Class 2
 EN ISO 11612, A1 B1 C1 F1
 EN 1149-5
 IEC 61482-2, Class 1

OrderNo: 204076211



Tool trousers

Functional, flame resistant high-visibility trousers with tool pockets, ruler pocket, knife button, mobile pocket, first-aid pocket, leg pocket, ID card pocket, pen pocket, detachable key strap as well as pre-bent knees with internal knee pockets. Use matching, approved long knee pads, order no: 972294, 972290 or 972292. Yellow/navy. Material: 77% cotton/22% polyester/1% antistatic, canvas, ca 370g/m².

Size: 44 - 60, 96 - 120, 146 - 156

CE: EN 471, Class 1
 EN ISO 11612, A1 B1 C1 F1
 EN 1149-5
 IEC 61482-2, Class 1

OrderNo: 208176269



Flame resistance with inherent fibre



New!



Tool trousers

Functional, flame resistant high-visibility trousers with tool pockets, ruler pocket, knife button, mobile pocket, first-aid pocket, leg pocket, ID card pocket, pen pocket, detachable key strap as well as pre-bent knees with internal knee pockets. Use matching, approved long knee pads, order no: 972294, 972290 or 972292. Yellow/navy. Material: 55% modacrylic/protex/38% cotton/5% kevlar/2% antistatic. Weight: 340g/m².

Size: 44 - 62, 96 - 124, 146 - 158

CE: EN 471, Class 2
EN ISO 11612, A1 B1 C1 F1
EN 1149-5
IEC 61482-2, Class 1

OrderNo: 204076011



Jacket

Flame resistant high-visibility jacket with pre-bent sleeves and adjustable waist for good comfort. Several practical pockets, ID card pocket and detachable key strap. Inside the jacket there is a large inner pocket with zipper as well as a mobile pocket. Yellow/navy. Material: 55% modacrylic/protex/38% cotton/5% kevlar/2% antistatic. Weight: 340g/m².

Size: XS - 4XL

CE: EN 471 – Class 3 for sizes S-4XL
EN 471 – Class 2 for size XS
EN ISO 11612, A1 B1 C1 F1
EN 1149-5
IEC 61482-2, Class 1

OrderNo: 779176011



Visible welding garments!

New!



Jacket

Flame resistant high-visibility jacket that also withstands welding work. It has pre-bent sleeves and has an adjustable waist for good comfort. Double chest pockets, ID card pocket and detachable key strap. Inside the jacket there is a large inner pocket with zipper as well as a mobile pocket. Yellow/navy. Material: 77% cotton/22% polyester/1% antistatic, canvas, ca 370g/m².

Size: XS - 4XL

CE: EN 471 – Class 3 for sizes S-4XL
 EN 471 – Class 2 for size XS
 EN ISO 11611, A1 – Class 1
 EN ISO 11612, A1 B1 C1 E3 F1
 EN 1149-5
 IEC 61482-2, Class 1



OrderNo: 772176211



Trousers

Flame resistant high-visibility trousers that also withstand welding. Provided with ruler pocket, knife button, mobile pocket, ID card pocket, as well as pre-bent knees with internal knee pockets. Use matching, approved long knee pads, order no: 972294, 972290 or 972292. Yellow/navy. Material: 77% cotton/22% polyester/1% antistatic, canvas, ca 370g/m².

Size: 44 - 64, 92 - 124, 146 - 158

CE: EN 471, Class 2
 EN ISO 11611, A1 – Class
 EN ISO 11612, A1 B1 C1 E3 F1
 EN 1149-5
 IEC 61482-2, Class 1

OrderNo: 205176269



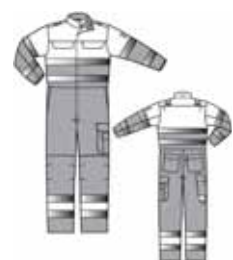
Overall

Flame resistant high-visibility overall that also withstand welding. Provided with ruler pocket, knife button, mobile pocket, ID card pocket, as well as pre-bent knees with internal knee pockets. Use matching, approved long knee pads, order no: 972294, 972290 or 972292. Yellow/navy. Material: 77% cotton/22% polyester/1% antistatic, canvas, ca 370g/m².

Size: 44 - 64, 92 - 124, 146 - 158

CE: EN 471, 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



Flame resistant hi-vis - Winter

New!

Parka

Flame retardant hi-vis parka with removable lining, adjustable waist, detachable hood and many roomy pockets. Zipper back to facilitate back print. ID card pocket inside the right breast pocket. Yellow/navy. Material: Inherent fibre, 55% Protex/Modacrylic, 44% cotton, 1% antistat, 290g/m².

Size: XS - 3XL
 CE: EN471, class 1
 EN ISO 11612, A1, B1, C1, F1
 IEC 61482-2, class 1
 EN 1149-5,
 EN 343 (3,3)

OrderNo: 765077869



Jacket

Lined flame retardant hi-vis jacket with detachable hood and many roomy pockets. Cuffed sleeves to maintain warmth. Zipper back to facilitate back print. ID card pocket inside the right breast pocket. Yellow/navy. Material: Inherent fibre, 55% Protex/Modacrylic, 44% cotton, 1% antistat, 290g/m².

Size: XS - 3XL
 CE: EN471, class 3
 EN ISO 11612, A1, B1, C1, F1
 IEC 61482-2, class 1
 EN 1149-5
 EN 343 (3,3)

OrderNo: 767087811



Keep warm in insulated garments!



New!

Parka

Lined flame retardant hi-vis parka with adjustable waist and bottom, cuffed sleeves to maintain warmth, detachable hood and many roomy pockets. Zipper back to facilitate back print. ID card pocket inside the right breast pocket. Yellow/navy. Material: Inherent fibre, 55% Protex/Modacrylic, 44% cotton, 1% antistat, 290g/m².

Size: XS - 3XL
 CE: EN471, class 3.
 EN ISO 11612, A1, B1, C1, F1
 IEC 61482-2, class 1
 EN 1149-5
 EN 343 (3,3)

OrderNo: 768087811



Trousers

Lightly lined flame retardant hi-vis trousers with leg pocket. Inside this pocket is an ID card pocket. Zippers at the bottom of the trousers. Yellow/navy. Material: Inherent fibre, 55% Protex/Modacrylic, 44% cotton, 1% antistat, 290g/m².

Size: XS - 3XL
 CE: EN471, class 2
 EN ISO 11612, A1, B1, C1, F1
 IEC 61482-2, class 1
 EN 1149-5
 EN 343 (3,3)



Flame resistant underwear



Fabric: 70% Merino wool/30% Protex M. Weight 210g/m².
EN ISO 11612 - ENV 50354 - Öko-Tex



Polo-neck

Size: S - 3XL
OrderNo: 308937



Polo-neck with zip

Size: S - 3XL
OrderNo: 308936



Undershirt

Size: XS - 3XL
OrderNo: 308930



Undershirt short sleeves

Size: XS - 3XL
OrderNo: 984666



Ladies long underpants

Size: XS - XL
OrderNo: 984665



Gents long underpants

Size: S - 3XL
OrderNo: 308932



Neck warmer

OrderNo: 984662



Balaclava

OrderNo: 984663



Ladies boxer

Size: XS - XL
OrderNo: 984664



Men's boxer

Size: S - 3XL
OrderNo: 308931

Flame resistant underwear



Fabric: 85% Merino wool/15% Protex M. Weight 360g/m².
EN ISO 11612 - ENV 50354 - Öko-Tex



Sweater with polo-neck and zip

Size: XS - 3XL
OrderNo: 308927



Zip jacket

Size: S - 3XL
OrderNo: 305577



Pants without zip

Size: XS - 3XL
OrderNo: 308928

Socks and bra



Sport bra

Modacrylic/cotton/lycra
Size: Cup A-D, 70-95
OrderNo: 984679



Thin wool sock

Thin wool sock, wool/lycra
Size: 36-40, 41-46
OrderNo: 984660



Warm sock

Warm sock, wool/polyamide/elastan
Size: 36-40, 41-46
OrderNo: 984661

Flame resistant rain clothing



Flame resistant rain coat
100 cm with hood

Hood with tie-string. Zipper and wind flap. Fabric: PU/polyamide 200 g/m². Water gauge 8000mm.

Size: S - 2XL
CE: EN533 index 1
EN471 class 3
EN343

OrderNo: 323088



Flame resistant rain trousers

Elasticated waist with drawstring and lockable waist strap. Fabric: PU/polyamide 200 g/m². Water gauge 8000mm.

Size: S - 2XL
CE: EN533 index 1
EN471 class 2
EN343

OrderNo: 323089

