

# Visibility

2023



**HIVIS** *extreme*  
CURVED  
icon



**HIVIS** *extreme*

# HIVIS EXTREME

## THE VISIBILITY COLLECTION

Wenaas' Hi-Vis collection Hivis Extreme has been developed in collaboration with people who work in the building and construction sector. We have also added our experience and expertise, and together we have made it possible to develop clothing with excellent ergonomic solutions in which 4-way stretch for excellent movement has been the main focus.

We have thought of all the details, which give the user the optimal movement without compromising functionality, quality of the materials and colouring.

The Hivis Extreme collection lets you lift, sit, stretch and twist yourself—the workwear will not stand in the way of movement.

NEW WORKWEAR 4-5

HIVIS EXTREME CURVED 6-7

HIVIS EXTREME 8-14

ICON 15-21

RAINWEAR 22-24

REFLECTIVE VESTS 25-26

ACCESSORIES 27-29

# NEW WORKWEAR *HIVIS extreme*

Work jacket with ergonomic and a tight fit, made in a 4-way stretch material. It makes the jacket comfortable and allows you to move around freely. Form-fitting sleeves with durable elbows and ventilation underneath the arms



Trousers in a 4-way stretch material that provides optimal movement. The fit is narrow and ergonomically shaped, making it a very comfortable option.



## HOW TO INSPECT 4-WAY STRETCH?

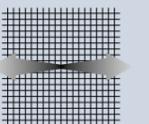
The benefit of 4-way stretch is that the garment stretches in all directions to improve movement.

1. Put on the material/product so that the weave of the fabric is vertical/horizontal
2. See if the fabric stretches in a horizontal direction
3. See if the fabric stretches in a vertical direction

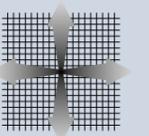
**Remember:** If you feel the material diagonally, all fabrics have stretch.

2-way stretch only has stretch one-way. The fabric contains elastane or another stretch material. This stretch is often

horizontal on the garment. 4-way stretch has stretch in both directions. The fabric contains elastane or another stretch material. The stretch could be better in one direction than another. This stretch is often horizontal on the garment.



2-way stretch



4-way stretch



# CURVED

– ergonomic women's garments

The Curved-garments are designed in a way that is different from the male/unisex models, with their curved and flattering cuts that accentuate the female shape. 4-way stretch garments are very well suited to the female shape. The women's clothing has the same functions as the male/unisex models.

## 0-48333-10210 HI-VIS WOMENS STRETCH JACKET, CLASS 2

Stretch visibility stretch jacket in durable fabric with a slim fit. Front zip with an interior flap and laser holes under the arms provide good ventilation. Reinforcement on the elbows and at the underside of the cuffs. Elasticized cuffs with thumbholes and width adjustment at the cuffs and hem of the jacket. The longer section at the back protects cold from entering. Suitable for use throughout the year if the winter is mild.

**COLOR** 2810 Fluor Orange/Black, 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471:2013 Class 2  
**MATERIAL** 80 % polyester, 20 % cotton, 300 g/m<sup>2</sup>. Contrasting material: nylon, polyester, elastane, polyamide.



## 0-74332-10211 HIVIS STRETCHTROUSERS LADY

Comfortable visibility overalls with 4-way stretch and segmented reflective sections offer good freedom of movement. Form-stitched for a feminine silhouette. Integrated ventilation panels give an airy feeling to these trousers. Higher waist at back and detachable hanging pockets. Plenty of practical pockets, including knee-pad pockets at two heights. Adjustable leg length (5&nbsp;cm) and adjustable leg width make these trousers adaptable to most wearers.

**COLOR** 1028 Black/Fluor Orange, 1032 Black/Fluorine Yellow, 1087 Black/Fluor Red.  
**SIZE** 32-52  
**STANDARD** EN ISO 20471:2013 class 1  
**MATERIAL** 65 % polyester, 35 % bomull, 315 g/m<sup>2</sup>. Contrasting material: cotton, nylon, polyester, elastane, polyamide.



## HIVIS EXTREME CURVED



## 0-74333-10210 HI-VIS STRETCH TROUSERS FOR WOMEN, CLASS 2

Comfortable visibility overalls with 4-way stretch and segmented reflective sections offer good freedom of movement. Form-stitched for a feminine silhouette. Integrated ventilation panels give an airy feeling to these trousers. Higher waist at back and detachable hanging pockets. Plenty of practical pockets, including knee-pad pockets at two heights. Adjustable leg length and adjustable leg width make these trousers adaptable to most wearers.

**COLOR** 2810 Fluor Orange/Black, 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** 32-52  
**STANDARD** EN ISO 20471:2013 class 2  
**MATERIAL** 80 % polyester, 20 % cotton, 300 g/m<sup>2</sup>. Contrasting material: nylon, polyester, elastane, polyamide.



## 0-35131-10310 HI-VIS WOMENS T-SHIRT

Lightweight and fitted with an ergonomic design, high-visibility T-shirt in a moisture-wicking mesh fabric. The model has an additional ventilating panel in the neck and under arms and a segmented reflective tape, which adapts to the movements of the person wearing the garment to maximise comfort.

**COLOR** 2810 Fluor Orange/Black, 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471:2013 cl.1  
**MATERIAL** 100 % polyester, 150 g/m<sup>2</sup>.



# HiVis extreme

## Material and properties

It's important for us to choose the right materials for this new collection. We have taken into account the weight, texture, structure and properties.

With HiVis Extreme, we have found the best combination of 4-way stretch and fabrics with excellent properties for reproducing colour. Our 4-way stretch does not feel cold on winter days in the same way stretch often is due to the high percentage of synthetic materials. 4-way stretch can also feel clammy pretty fast. We have taking this into account by adapting the weaving and thickness of the fabrics. We have also secured ventilation of the garments using synthetic fibres to let in isolating air.

## Formfitting and segmented reflective bands

The HiVis Extreme-models are made in a formfitting and modern design. The collection has segmented reflective bands that not only look great, but that also ensure that reflective bands do not hinder the stretch of the fabric in any way.



Reversed coil-zippers without metal. The zippers have bottom stops in which the slider can be hidden when the zipper is closed.



Reinforcement on the parts exposed to wear and tear, such as on the elbows, knees and suspended pockets.



Segmented reflective sections for increased movement. The trousers can be extended up to 5 cm. Button for regulating width of legs.



Specially adapted with a tall waistband in the back. Broad belt strap helps the belt stay secured.

## 0-48335-10210 HI-VIS MENS STRETCH JACKET, CLASS 3

Visibility stretch jacket in a durable material with a snug fit. Front zip with interior flap and laser holes under arms provide good ventilation. Reinforcement on elbows and lower edge of sleeve. Elastic cuffs with thumb holes, hem and sleeves can be tightened. Extended back protects the lower back. Suitable for use throughout the year if the winter season is mild.

**COLOR** 2810 Fluor Orange/Black, 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471-2013 XS-S class 2, M-> class 3  
**MATERIAL** 80 % polyester, 20 % cotton, 300 g/m<sup>2</sup>. Contrast material: nylon, polyester, spandex, polyamide.



## 0-74334-10211 HIVIS STRETCHTROUSERS MEN

Comfortable visibility overalls with 4-way stretch and segmented reflective sections provide good mobility. Integrated ventilation sections make the trousers lightweight and airy. Detachable hanging pockets and extended waistband in the back protects the lower back. Many practical pockets including knee-pad pockets with two levels. Possible to let down the leg and adjust the width, which makes it adaptable to most people.

**COLOR** 1028 Black/Fluor Orange, 1032 Black/Fluorine Yellow, 1087 Black/Fluor Red.  
**SIZE** C44-C64  
**STANDARD** EN ISO 20471:2013, class 1  
**MATERIAL** 65 % polyester, 35 % cotton, 315 g/m<sup>2</sup>. Contrast material: cotton, nylon, polyester, spandex, polyamide.



## 0-74335-10210 HI-VIS MENS STRETCH TROUSERS, CLASS 2

Comfortable visibility overalls with 4-way stretch and segmented reflective sections provide good mobility. Integrated ventilation sections make the trousers lightweight and airy. Detachable hanging pockets and extended waistband in the back protects the lower back. Many practical pockets including knee-pad pockets with two levels. Possible to let down the leg and adjust the width, which makes it adaptable to most people.

**COLOR** 2810 Fluor Orange/Black, 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** C44-C64  
**STANDARD** EN ISO 20471:2013, class 1  
**MATERIAL** 80 % polyester, 20 % cotton, 300 g/m<sup>2</sup>. Contrast material: cotton, nylon, polyester, spandex, polyamide.



**0-74432-10212 HI-VIS 3/4 LENGTH TROUSERS, CLASS 1**

Narrow visibility 3/4 length trousers in a good fit and ventilation pockets along the knee-pad pockets. High-waisted in the back for protection of the lower back, many practical pockets, tool loops and detachable hanging pockets. Adjustment of width on legs and segmented reflective piping provide good mobility.

**COLOR** 2810 Fluor Orange/Black, 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** C44-C64  
**STANDARD** EN ISO 20471:2013, class 1  
**MATERIAL** 80 % polyester, 20 % cotton, 300 g/m<sup>2</sup>. Contrast material: nylon, polyester, spandex, polyamide.



**0-14332-10213 HI-VIS SHORTS, CLASS 1**

Comfortable visibility shorts with a snug fit. Many practical pockets. Segmented reflective bands make the stretchy fabric adapt to your movements.

**COLOR** 2810 Fluor Orange/Black, 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** C44-C64  
**STANDARD** EN ISO 20471:2013 class 1  
**MATERIAL** 80 % polyester, 20 % cotton, 300 g/m<sup>2</sup>. Contrast material: nylon, polyester, spandex, polyamide.



**0-14394-10202 HIVIS SHORTS**

Comfortable visibility shorts with the minimum of pockets and tool loops needed by a tradesperson.

**COLOR** 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** C44-C62  
**STANDARD** EN ISO 20471 cl. 1  
**MATERIAL** 80 % polyester, 20 % cotton, 300 g/m<sup>2</sup>. Reinforcement: Cordura®.



**HI-VIS MENS T-SHIRT 0-35130-10310**

Lightweight, airy, ergonomically designed Hi-vis T-shirt. Fitted style in moisture-wicking mesh fabric with additional ventilating panel at the neck and under arms. Segmented reflective sections offer good freedom of movement.

**COLOR** 2810 Fluor Orange/Black, 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471:2013 XS-M class 1, L-> class 2  
**MATERIAL** 100 % polyester "birdseye" mesh, 150 g/m<sup>2</sup>.



**HI-VIS PIQUET 0-35132-10310**

Lightweight, airy, ergonomically designed hi-vis piquet shirt. Fitted moisture-wicking mesh fabric with additional ventilating panel in the neck and under arms. Segmented reflective sections provide good freedom of movement.

**COLOR** 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471:2013, XS-S class 1, M-> class 2  
**MATERIAL** 100 % polyester, 150 g/m<sup>2</sup>.



**PIQUÉ VISIBILITY SHIRT 0-35194-10302**

Lightweight, airy, Hi-vis shirt in piqué. Collar with buttons and chest pocket at the left side. Ideal for wear during the warmer months of the year.

**COLOR** 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** XS-XL  
**STANDARD** EN ISO 20471:2013, class 2  
**MATERIAL** 100 % polyester, 140 g/m<sup>2</sup>.



**VISIBILITY T-SHIRT 0-702-655**

Short-sleeved T-shirt with contrasting ribbed neck. Segmented reflective bands ensure breathability and increases the mobility of the garment.

**COLOR** 32 Fluorescent Yellow.  
**SIZE** S-4XL  
**STANDARD** EN ISO 20471:2013 class 2  
**MATERIAL** 45 % polyester, 55 % cotton, 180 g/m<sup>2</sup>.



## HIVIS EXTREME



### HIVIS T-SHIRT LONG SLEEVE

0-35133-10310

Lightweight, airy, ergonomically designed hi-vis T-shirt with long sleeves. Fitted moisture-wicking fabric with additional ventilating panel in the neck and under arms. Segmented reflective sections provide good freedom of movement. Suitable for working places in which short sleeves cannot be worn, but in which a thin jumper is preferable.

<b>COLOR</b>	28 Fluorescent Orange, 32 Fluorescent Yellow, 87 Fluorescent Red.
<b>SIZE</b>	XS-XXXL
<b>STANDARD</b>	EN ISO 20471:2013, XS-M class 2, L-> class 3
<b>MATERIAL</b>	100 % polyester, 150 g/m <sup>2</sup> .



### HI-VIS 1/2 ZIP JUMPER

0-35134-21610

Quite thick visibility fleece jumper in a good fit. Segmented reflective bands ensure that the jumper adapts to the movement of the body. Suitable for work places where the temperature varies as ventilation can be adjusted with the zip.

<b>COLOR</b>	32 Fluorescent Yellow, 87 Fluorescent Red.
<b>SIZE</b>	XS-XXXL
<b>STANDARD</b>	EN 20471 EN ISO 20471:2013, XS-S class 2, M-> class 3
<b>MATERIAL</b>	Fleece 75 %, polyester 25 % cotton, 300 g/m <sup>2</sup> .



### HIVIS POWERJACKET STRETCH

0-35137-21710

Warm visibility jacket in 4-way stretch fleece for good freedom of movement. Form-stitched, ergonomic design makes this jacket very comfortable to wear while working. Practical pockets with zip. Reinforced sections at elbows extend the life of the jacket. Elasticated ribbing at the cuffs and hem of the jacket. Ideal for chilly days.

<b>COLOR</b>	2810 Fluor Orange/Black, 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.
<b>SIZE</b>	XS-XXXL
<b>STANDARD</b>	EN ISO 20471:2013, XS-M class 2, L-> class 3
<b>MATERIAL</b>	94 % polyester, 6 % elastane fleece, 280 g/m <sup>2</sup> . Contrasting material: 90 % polyester, 10 % elastane, 130 g/m <sup>2</sup> .



### 0-22209-10219 HI-VIS STRETCH TROUSERS

Visibility work trousers in a slimmer fit in 4-way stretch fabric with reinforcements on pockets, knees, and inner legs. Ergonomic stretch design and ventilation panels ensure that this jacket feels lightweight and comfortable. Perfect for warmer days when full-length trousers are needed, irrespective of temperature.

<b>COLOR</b>	3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.
<b>SIZE</b>	XS-XXXL
<b>STANDARD</b>	EN ISO 20471-2013 XS-class 1, S-> class 2
<b>MATERIAL</b>	92 % polyester, 8 % elastane, 4-way stretch. 140 g/m <sup>2</sup> . Reinforcements: 92 % polyester, 8 % elastane, 160 g/m <sup>2</sup> .



**HiVIS** extreme



### HI-VIS HOODED JACKET

0-35135-21610

Quite thick visibility fleece jacket with hoodie. A good fit and segmented reflective bands ensure that the hoodie adapts to the movement of the body. Suitable for spring/autumn

<b>COLOR</b>	3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.
<b>SIZE</b>	XS-XXXL
<b>STANDARD</b>	EN ISO 20471:2013, XS-S class 2, M-> class 3
<b>MATERIAL</b>	75 % polyester fleece, 25 % cotton. 300 g/m <sup>2</sup>



### HI-VIS JUMPER

0-35136-21610

Visibility jumper in medium-thick fleece with good fit. Ribbing at the neckline, cuffs, and hem. Segmented reflective sections provide good freedom of movement.

<b>COLOR</b>	28 Fluorescent Orange, 32 Fluorescent Yellow, 87 Fluorescent Red.
<b>SIZE</b>	XS-XXXL
<b>STANDARD</b>	EN ISO 20471:2013, XS-M class 2, L-> class 3
<b>MATERIAL</b>	75 % polyester fleece, 25 % cotton. 300 g/m <sup>2</sup> . Other materials: 95 % cotton, 5 % elastic.





**SPACER MIDLAYER - NEW TECHNOLOGY**

Wenaas has collaborated with Devold and Sintef to develop a three-layer clothing concept. Spacer midlayer clothing is a part of this development in which we have the biggest possible isolation with the lowest possible weight. Spacer technology has managed to create midlayer clothing which maintains the unique properties of wool, as well as adding extra isolation.



**DEVOLD SPACER JACKET**

**0-251-310-110**

Devold SPACER flame-retardant jacket is manufactured from three-dimensional knitted material with interior and exterior wool linings. Spacer twine maintains the distance between layers to increase insulation while keeping weight low. Ideal for use in combination with other flame-retardant products or for additional insulation in cold work environments.

**COLOR** 110 Anthracite.  
**SIZE** XS-XXXL  
**STANDARD** ISO 11612 A1+A2,B2,C2, EN1149-5, EN 61482-1-2 cl1  
**MATERIAL** 35 % lenzing flame-retardant, 30 % polyester, 28 % wool, 6 % polyamide, 1 % antistat, 320 g/m<sup>2</sup>.



**DEVOLD SPACER TROUSERS**

**0-130-310-110**

Devold SPACER flame-retardant trousers are manufactured from three-dimensional knitted material with interior and exterior wool linings. Spacer twine maintains the distance between layers to increase insulation while keeping weight low. Ideal for use in combination with other flame-retardant products or for additional insulation in cold work environments.

**COLOR** 110 Anthracite.  
**SIZE** XS-XXXL  
**STANDARD** ISO 11612 A1A2B2C2, EN1149-5, EN61482 cl1  
**MATERIAL** 35 % lenzing flame-retardant, 30 % polyester, 28 % wool, 6 % polyamide, 1 % antistat, 320 g/m<sup>2</sup>.



# icon

Even the toughest workpeople need protection and high-quality work clothes that are durable and strong.

The ICON high visibility collection is developed for and in collaboration with those working on construction sites since nobody is more familiar with the requirements of that work. The materials used in this collection is a high-quality and durable mix of polyester and cotton and reinforced Cordura® on parts that are exposed to wear and tear.



**0-43894-10202 VISIBILITY JACKET**

Visibility jacket in durable fabric with soft fleece inside the collar. Zip closure, ID-card pocket, and additional practical pockets at front. Adjustable cuffs and press-studs at cuffs and hem for width adjustment. Longer section at back of waist protects the lower back from cold. This is an excellent jacket for transitioning between seasons.

**COLOR** 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471 XS cl. 2, S> cl. 3  
**MATERIAL** 80 % polyester, 20 % cotton, 300 g/m<sup>2</sup>. Reinforcements: Cordura®.



**0-74390-10202 HIVIS TROUSER**

Durable bib overalls with Cordura® reinforcements on wearing sections, such as on knee-pad pockets and at rear hem. Work trousers have all the utility pockets and kit a tradesperson needs and also has knee-pad pockets with two height levels and button adjustments at hem.

**COLOR** 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** C44-C64  
**STANDARD** EN ISO 20471 cl. 2  
**MATERIAL** 80 % polyester, 20 % cotton, 300 g/m<sup>2</sup>. Reinforcement: Cordura®.



**0-24396-10202 HIVIS TROUSER**

Durable trousers with wedge inserted into the crotch for greater mobility and leg adjustments to accommodate most leg lengths. Many practical pockets. adjustable leg width. Ideal for tradespeople or those working in light industry or the transport sector.

**COLOR** 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** C44-C64  
**STANDARD** EN ISO 20471 cl. 2  
**MATERIAL** 80 % polyester, 20 % cotton, 300 g/m<sup>2</sup>. Reinforcement: Cordura®.



**0-54194-10202 HIVIS WAISTCOAT**

Hi-vis vest suitable for working at a height so the work can be carried out wearing a work vest. Back netting provides ventilation during strenuous work. The vest has all the pockets and tool holders a tradesperson will need. Reinforced Cordura® pockets and extended back section keep the lower back warm. Ideal for tradespeople who need hi-vis clothing and a fall-safety harness at the same time.

**COLOR** 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** S-XXL  
**STANDARD** EN ISO 20471 cl. 2  
**MATERIAL** 80 % polyester, 20 % cotton, 300 g/m<sup>2</sup>. Reinforcement: Cordura®.



**0-83794-10202 HIVIS COVERALL**

This model has a standing collar and 2-way zip under a front flap. Yoke at the front, and a pleat in the back for better movement. This coverall has a single, and a double chest pocket with a flap, an ID-card pocket, front pockets with grip-opening, a back pocket, with a hammer-loop under the back pocket tool pocket, with a pen pocket, WEB band, and a metal button for a knife. Double hip pocket with flap, and knee pad pockets with 2 levels for different knee pad sizes. Elastic at the back of the waist, big hammer loops with velcro and belt loops. Adjustable sleeves with cuffs and gusset, adjustable legs, double reflective tape around sleeves, body, legs, and single reflective tape across shoulders.

**COLOR** 3210 Fluorine Yellow/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471:2013, class 3  
**MATERIAL** 80 % polyester, 20 % cotton, 300 g/m<sup>2</sup>. Reinforcement: Cordura®.



**0-35595-21705 POWERFLEECE VISIBILITY JACKET**

Visibility jacket in medium-thick, comfortable fleece with reinforced outer for increased durability. Zip closure, ID-card pocket, and additional practical pockets at front. Longer section at back of waist protects the lower back from cold. This is an excellent jacket for transitioning between seasons.

**COLOR** 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471 XS-S cl. 2, M> cl. 3  
**MATERIAL** 97 % polyester, 3 % OP knit, 290 g/m<sup>2</sup>.



**0-35286-21703 HAVIS SWEATSHIRT**

Black rib at neck, sleeve end, and bottom waist. Reflective tape on shoulder, around waist and sleeves.

**COLOR** 32 Fluorescent Yellow, 87 Fluorescent Red.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471 XS cl. 2 S> cl. 3, EN 471 cl. 3.2  
**MATERIAL** 55 % polyester, 45 % cotton, 300 g/m<sup>2</sup>. Contrast: 100 % polyester Spandex, 390 g/m<sup>2</sup>.



**0-35195-10302 HAVIS T-SHIRT LONG SLEEVE**

Airy, lightweight visibility T-shirt with long sleeves and a V-neck. Segmented reflective sections provide good freedom of movement. Ideal for wear during the warmer months of the year.

**COLOR** 3210 Fluorine Yellow/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471:2013, XS-S Class 2, M-> Class 3  
**MATERIAL** 100 % polyester, 140 g/m<sup>2</sup>.



**0-35094-10302 VISIBILITY T-SHIRT**

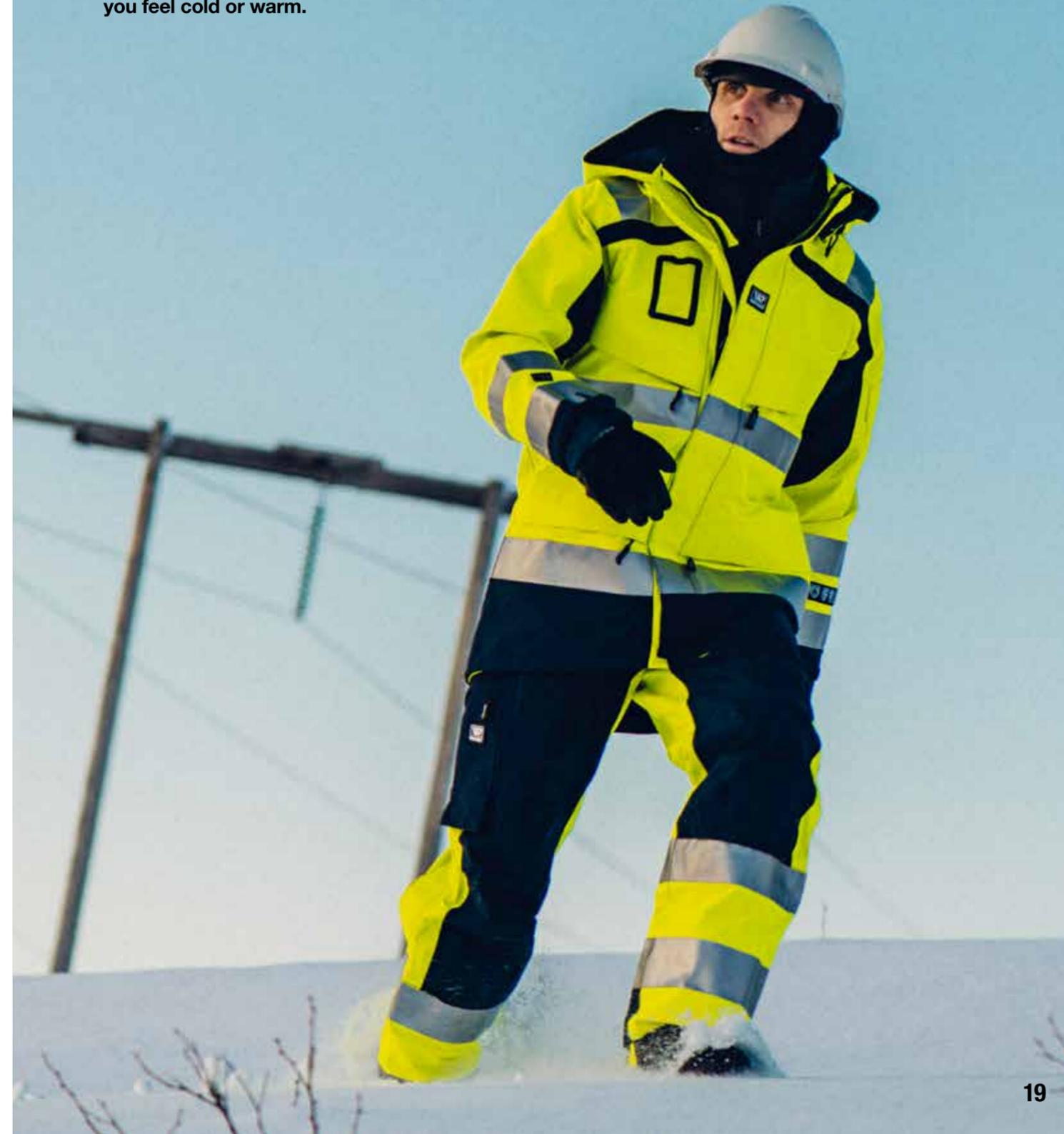
Airy, lightweight visibility T-shirt with a round neckline. Segmented reflective sections provide good freedom of movement. Ideal for wear during the warmer months of the year.

**COLOR** 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471:2013, class 2  
**MATERIAL** 100 % polyester.



# icon

Winter can be challenging for those working outside. Cold and wet weather and demanding work require several layers of protective workwear. Use the 3-layer principle and wear wool on the inside, a midlayer garment and a warm outer garment. You can easily regulate the temperature by taking on or off a garment when you feel cold or warm.



**0-51594-18807 HAVIS PILOT JACKET WINTER**

Quilted visibility pilot jacket in waterproof fabric with soft fleece inside the collar. Zip closure, ID-card pocket, and additional practical pockets at front. Rib-knit cuffs with thumbhole, as well as adjustable Velcro® tabs at the cuffs and the back of the waist. This jacket is best for winter use, but can also be worn as a transitional garment.

**COLOR** 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20741:2013, XS cl. 2, S> cl. 3, EN 342:2003  
**MATERIAL** 100 % polyester, 230 g/m². Reinforcements: Cordura®.



**0-96494-18807 HI-VIS PARKAS**

Hi-vis parka in durable waterproof outer fabric with lots of practical pockets. Jacket lined with warm and comfortable quilted fabric and fleece collar with hidden detachable hood adapted for helmets. Hidden zip under front flap to protect from wind. Comfortable rib-knit cuff with thumb hole, Velcro® adjustment and waist-width adjustment prevent cold penetration. Ideal for autumn and winter wear

**COLOR** 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471:2013 cl. 3, EN 342:2004  
**MATERIAL** 100 % polyester, 230 g/m². Reinforcement: Cordura®.



**0-23596-18807 WINTER VISIBILITY TROUSERS**

Lined visibility work trousers keep you warm in cold weather. Reinforced with Cordura® at critical points to ensure these trousers will have a long life. The fly with zip closure and button and elasticsation at the sides of the waist ensure good freedom of movement. Multiple practical pockets at the front and back provide plenty of storage options.

**COLOR** 3210 Fluorine Yellow/Black.  
**SIZE** S-XXXL  
**STANDARD** EN ISO 20471 cl. 2, EN 342  
**MATERIAL** 100 % polyester, 230 g/m². Reinforcements: Cordura®.



**0-81594-18807 WINTER VISIBILITY COVERALLS**

Quilted visibility coveralls for cold days. Membrane-coated fabric and taped seams ensure that these coveralls are wind- and water-resistant. Two-way zip at the front and many practical pockets at the front and back. Stand-up collar with soft fleece and large, detachable hood with room for a helmet. Knitted fabric in the torso provides a good fit. Hooks for trouser braces at the inner waist. Cordura® knee-pad pockets at two heights. Velcro® tabs at hems and cuffs for width adjustment, and ribbing at the cuffs.

**COLOR** 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN 342, EN ISO 20471  
**MATERIAL** 100 % polyester, 230 g/m². Reinforcements: Cordura®.



**0-96882-198 HAVIS GORE-TEX JACKET**

Light and breathable, wind- and waterproof, dual-layer Gore-Tex® jacket. The hood is large enough to be pulled over a helmet. Lots of large, useful pockets. Zip in the lining makes it easy to embroider a logo on the back if required. Ideal for extreme weather conditions.

**COLOR** 3210 Fluorine Yellow/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471 cl. 3, EN 343 cl.3.3  
**MATERIAL** 100 % polyester, 2-layer Gore-Tex®, 220 g/m².



**0-26882-198 CLASS 2 HI-VIS GORE-TEX® TROUSERS**

Light and breathable, wind- and waterproof, two-layer Gore-Tex® trousers. Detachable and adjustable belts, multiple pockets and adjustable inner knee pockets. Ideal for extreme weather conditions.

**COLOR** 3210 Fluorine Yellow/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471 cl. 2, EN 343 cl. 3.3  
**MATERIAL** 100 % polyester, 2-layer Gore-Tex®, 220 g/m².



**0-95482-18006 HAVIS RAIN JACKET**

Visibility rain jacket in waterproof, PU-coated polyester fabric that is comfortable to wear. Concealed zip at the front. Adjustable, detachable hood, two concealed front pockets, and a mobile phone pocket. Yoke at the back with ventilation and sleeves with adjustable cuffs ensure good ventilation and allow width adjustment. This jacket can be used year-round.

**COLOR** 32 Fluorescent Yellow, 87 Fluorescent Red.  
**SIZE** S-XXXL  
**STANDARD** EN ISO 20471:2013 cl. 3, EN 343:2003+A1, 2007 class 3.1  
**MATERIAL** 100 % polyester, PU-coated, 250 g/m<sup>2</sup>.



**3-24004-631 JACKET RAIN 240D63A**

Hi-vis rain jacket with hood suitable for helmets. The hood can be hidden in the collar. Front pockets with flap. Welded seams, weld reinforcement in seam cross section under the arm and on top of the pocket flaps so the user stays nice and dry. Hidden cuffs in sleeves retain warmth in cold and rainy weather.

**COLOR** 28 Fluo Orange, 32 Fluorescent Yellow  
**SIZE** S-XXL  
**STANDARD** EN ISO 20471:2013 class 3, EN 343:2003+A1:2007 class 3.1  
**MATERIAL** 100 % polyester PU/PVC-coated, 340g/m<sup>2</sup>.



**0-95982-18006 HAVIS RAIN BIB N' BRACE**

Hi-vis rain trousers in PU-coated polyester knit. PU provides optimal wind and weather protection. Rain dungarees are flexible and comfortable. The trousers are snug-fitting with adjustable waist and straps. The trouser legs have a button at hem to prevent water or dirt penetration. Suitable for use all year round.

**COLOR** 32 Fluorescent Yellow, 87 Fluorescent Red  
**SIZE** S-XXXL  
**STANDARD** EN ISO 20471:2013 class 2, trousers with jacket 95482, class 3, EN 343:2003+A1:2007 class 3.1  
**MATERIAL** 100 % polyester PU-coated, 250 g/m<sup>2</sup>.



**3-74004-631 OVERALL RAIN 740D63A**

Hi-vis rain overall in PU/PVC-coated knitted polyester fabric. Welded seams with reinforcement at the seam cross section inside the leg and reinforcement inside the knee to make this rain overall extremely strong. Velcro® adjustment at hem prevents water penetration. Opening in the side makes it easy to put on and take off. Suitable for use all year round.

**COLOR** 28 Fluo Orange, 32 Fluorescent Yellow  
**SIZE** S-XXL  
**STANDARD** EN ISO 20471:2013 class 2, trousers with jacket, class 3, EN 343:2003+A1:2007 class 3.1  
**MATERIAL** 100 % polyester PU/PVC-coated, 340g/m<sup>2</sup>.



**0-25682-18006 HAVIS RAIN TROUSER**

Rain trousers in PU-coated polyester knit. PU provides optimal wind and weather protection. Rain dungarees are flexible and comfortable. The trousers are snug fitting, with an elasticated waist and option for wearing a belt. Detachable and adjustable straps and openings in the lining for easy access to hanging pockets on the inside of the rain trousers. Suitable for use all year round.

**COLOR** 32 Fluorescent Yellow, 87 Fluorescent Red.  
**SIZE** S-XXXL  
**STANDARD** EN ISO 20471:2013 class 2, trousers with jacket 95482, class 3, EN 343:2003+A1:2007 class 3.1  
**MATERIAL** 100 % polyester PU-coated, 250 g/m<sup>2</sup>.



**0-35594-218 SOFTSHELL VISIBILITY JACKET**

Visibility jacket in medium-thick, wind- and water-resistant fabric with comfortable fleece inside. Zip closure, ID-card pocket, and additional practical pockets at front. Elasticated handwarmers at cuffs with thumbhole. Longer section at back of waist protects the lower back from cold. This is an excellent jacket for transitioning between seasons.

**COLOR** 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471 XS-S cl. 2, M> cl. 3  
**MATERIAL** 100 % polyester, 290 g/m<sup>2</sup>.



## VISIBILITY

### 0-35595-21705 POWERFLEECE VISIBILITY JACKET

Visibility jacket in medium-thick, comfortable fleece with reinforced outer for increased durability. Zip closure, ID-card pocket, and additional practical pockets at front. Longer section at back of waist protects the lower back from cold. This is an excellent jacket for transitioning between seasons.

**COLOR** 3210 Fluorine Yellow/Black, 8710 Red Fluorine/Black.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471 XS-S cl. 2, M> cl. 3  
**MATERIAL** 97 % polyester, 3 % OP knit, 290 g/m<sup>2</sup>.



### 0-95057-0 SHELL JACKET 4WS-5057

Waterproof shell jacket in a comfortable breathable stretch. Removable hood with elasticated adjustment and zipper under storm flap with velcro fastening for protection against the elements on and fleece lining on the inside of the collar. Sleeves with velcro fastening with elastic storm cuffs on the sleeves. Many practical pockets and removable ID-card-holder.

**COLOR** 3210 Fluorine Yellow/Black.  
**SIZE** XS-6XL  
**STANDARD** EN 343:2019-44X, EN ISO 20471-3  
**MATERIAL** 100 % polyester stretch with PU membrane, 225 g/m<sup>2</sup>.  
 Lining: 100 % polyester stretch.



### 0-95083-0 SHELL TROUSERS 4WS-5083

Shell trousers in a comfortable breathable stretch. The trousers have a zipper and button to fasten them. Removable braces, belt loops and elastic waistband make the trousers comfortable to wear. Many practical pockets, such as Removable nail pocket and knee-pad pockets. Hammer and knife loop on left leg. Zipper from the knee down, velcro-fastening in the ankles makes it easier to take boots on/off.

**COLOR** 3210 Fluorine Yellow/Black.  
**SIZE** XS-6XL  
**STANDARD** EN 343:2019-44X, EN ISO 20471-2  
**MATERIAL** 100 % polyester stretch with PU membrane, 225 g/m<sup>2</sup>.  
 Lining: 100 % polyester stretch. Waterproof: 20000 MM.  
 Breathable: 8000Mvp.



## REFLECTIVE VESTS



### WAISTCOAT

0-48501-107

Durable high-visibility reflective vest.

**COLOR** 28 Fluo Orange, 30 Yellow.  
**SIZE** S-5XL  
**STANDARD** EN ISO 20471 cl. 2  
**MATERIAL** 100 % polyester, 140 g/m<sup>2</sup>.



### HIVIS CAR VEST 203-G-RET

0-203-50

Hi-vis vest with Velcro® fastening which makes it easy to take off and put on. One size. Ideal waistcoat for traffic wardens or car-park attendants.

**COLOR** 28 Fluo Orange, 32 Fluorescent Yellow.  
**SIZE** STK  
**STANDARD** EN ISO 20471 cl. 2, EN 471 cl. 2.2  
**MATERIAL** 100 % polyester, 130 g/m<sup>2</sup>.



### WAISTCOAT HQ EN-20471 CL.2

0-223-2

Marking vest in extra strong material with pockets and monophonic holders. Wide use. Large pockets with velcro. Zipper closure with extra powerful zipper. Suspension for suspension. CE approved for night use, but not for around-the-clock use (ie no daytime visibility).

**COLOR** 28 Fluo Orange, 32 Fluorescent Yellow.  
**SIZE** S-XXL  
**STANDARD** EN ISO 20471, cl. 2  
**MATERIAL** 100 % Polyester, 160 g/m<sup>2</sup>.



### WAISTCOAT UNIFORM

0-54432-106

Durable uniform vest with front zipper. Breathable material on the back. Two chest pockets with zipper, one with pencil pockets, ID-card pocket. Two front pockets with side opening and snap button. Adjustable hem. Two reflective strips for improved visibility.

**COLOR** 28 Fluo Orange, 32 Fluorescent Yellow.  
**SIZE** XS-XXXL  
**STANDARD** EN ISO 20471 cl. 2  
**MATERIAL** 80 % polyester, 20 % cotton, 280 g/m<sup>2</sup>.  
 Back: 100 % polyester breathable, 140 g/m<sup>2</sup>.



## REFLECTIVE VESTS

### 0-48400-107 PROTECTIVE WAISTCOAT

Durable hi-vis vest with excellent breathable properties. Zipper in the front, contrasting fold in the front and back. Contrasting band around the neck, opening in front, thumb holes. Reflective band ensures optimal visibility.

**COLOR** 28 Fluo Orange.  
**SIZE** L-XXL  
**STANDARD** EN ISO 20471:2013, class 2  
**MATERIAL** 100 % polyester, 160 g/m<sup>2</sup>.



## ACCESSORIES



### CAPS 9107

0-117-234

Cap with a curved peak and adjustable size.

**COLOR** 10 Black, 32 Fluorescent Yellow, 87 Fluorescent Red.  
**SIZE** One Size  
**MATERIAL** 60 % cotton, 40 % polyester.



### REVERSIBLE BEANIE HAT KNITTED

0-2998-0

Beanie, knitted and reversible. Yellow on one outside, alternatively black with yellow bord.

**COLOR** 3210 Fluorine Yellow/Black, 98 Assorted.  
**SIZE** One Size  
**MATERIAL** 96 % acrylic, 4 % elastane.



### 0-9015-0 TRAFFIC ROUTING VEST

Zipper in front. Two front pockets with zippers. Reflective tape on back, front, shoulders, around waist and sleeves.

**COLOR** 2832 Fluorin Orange/Fluor.  
**SIZE** XS-XXXL  
**STANDARD** EN 20471 cl.3  
**MATERIAL** Polyester.



### SOCKS CORE

0-18035-0

Comfortable and durable socks

**COLOR** 10 Black, 28 Fluo Orange, 32 Fluorescent Yellow, 68 Light Grey  
**SIZE** S-L  
**MATERIAL** 75 % cotton, 22 % polyester, 3 % elasthan.



### SOCKS SPORT MULTICOLOURED

0-18039-0

Comfortable and durable socks

**COLOR** 98 Assorted.  
**SIZE** S-L  
**MATERIAL** 75 % cotton, 22 % polyester, 3 % elasthan.



### WARM PACKS N-FERNO®

Contains 2 pcs. Not self-adhesive. All ingredients heat up when they come into contact with acid.

**COLOR** 98 Assorted.  
**SIZE** PAIR  
**MATERIAL** Non-toxic.

**0-75600-6990-98** Warm Packs N-Ferno® 6990 Pair. Heat pack that helps keep hands warm in cold conditions. Insert the pack into a glove or pocket for warmth that lasts up to 12 hours. Carton: 240.

**0-75601-6992-98** Toe warmers N-Ferno® 6992 pair. Heat pack that helps keep toes warm in cold conditions. Insert the pack into the footwear and stay warm for up to 6 hours.

**0-75602-6995-98** Foot warmers N-Ferno® 6995 pair. Heat pack that helps keep feet warm in cold conditions. Insert the pack into the footwear and stay warm for up to 6 hours. Fits shoes or boots in size 41 and larger. Cannot be cut to fit.



### SOCKS SPORT GREY/ BLUE

0-18040-0/ 0-18041-0

Comfortable and durable socks

**COLOR** 98 Assorted.  
**SIZE** S-L  
**MATERIAL** 75 % cotton, 22 % polyester, 3 % elasthan.





**SOCKS SPORT GREEN**

**0-18042-0**

Comfortable and durable socks

**COLOR** 98 Assorted.  
**SIZE** S-L  
**MATERIAL** 75 % cotton, 22 % polyester, 3 % elasthan.



**KNEECOVERS FOR KNEEPADS**

**0-18032-0**

Kneepad-covers with adjustable width, reinforcement in the front and elastic mesh in the back. Suitable for use with trousers without kneepads.

**COLOR** 10 Black.  
**SIZE** XS/S-XL/2X  
**MATERIAL** 100 % polyester, 160 g/m<sup>2</sup> Other material: 80 % poly-  
 maid 20 % elastane, 140 g/m<sup>2</sup>. Lining: 92 % polyester  
 8 % elastane, 180 g/m<sup>2</sup>.



**KNEEPAD STANDARD**

**0-26005-0**

Upgraded material that provides improved protection and more durable than earlier versions. The kneepad comes with instructions about how to place it (this side towards knee). If it is not placed with the right side towards the knee, it will not protect the knee. Width: 15 mm, height: 198 mm, thickness: 19 mm.

**COLOR** 98 Assorted.  
**SIZE** Pair  
**MATERIAL** Etylenvinylacetat (EVA).



**KNEEPAD**

**0-26006-0**

Kneepads with additional protection, comfort and elasticity. Originally form resumes quickly. Good insulating capacity against cold floors, and high penetration against rough and uneven surface. The kneepad has a long lifespan, it is certified with Wenaas' own trouser range, and is highly recommended. 160x245 mm. 20,5 mm thickness.

**COLOR** 98 Assorted.  
**SIZE** PAR  
**STANDARD** EN 14404 / Type 2. Level 1  
**MATERIAL** EVA.



**KNEEPAD GEL**

**0-26004-4**

Neoprene kneepad for use with boiler suits or trousers. The material is soft and provides a high level of comfort. Width: 160 mm, height: 238 mm, thickness: 12 mm.

**COLOR** 98 Assorted.  
**SIZE** Pair  
**MATERIAL** Neoprene.



**BELT TEXTILE 150 CM**

**0-90100-0**

Adjustable metal buckle with engraved Wenaas logo. Width 4 cm, length 150 cm.

**COLOR** 5 Navy Blue.  
**SIZE** One Size  
**MATERIAL** 100 % polyester.

## New requirements to highly visible workwear

Safety and visibility are a very important part of reducing accidents in the workplace. This is why we develop safety solutions that work from top to bottom. Our workwear and protective equipment keep you safe and make you visible, so that you can focus on your job.



Class 0

Class 1

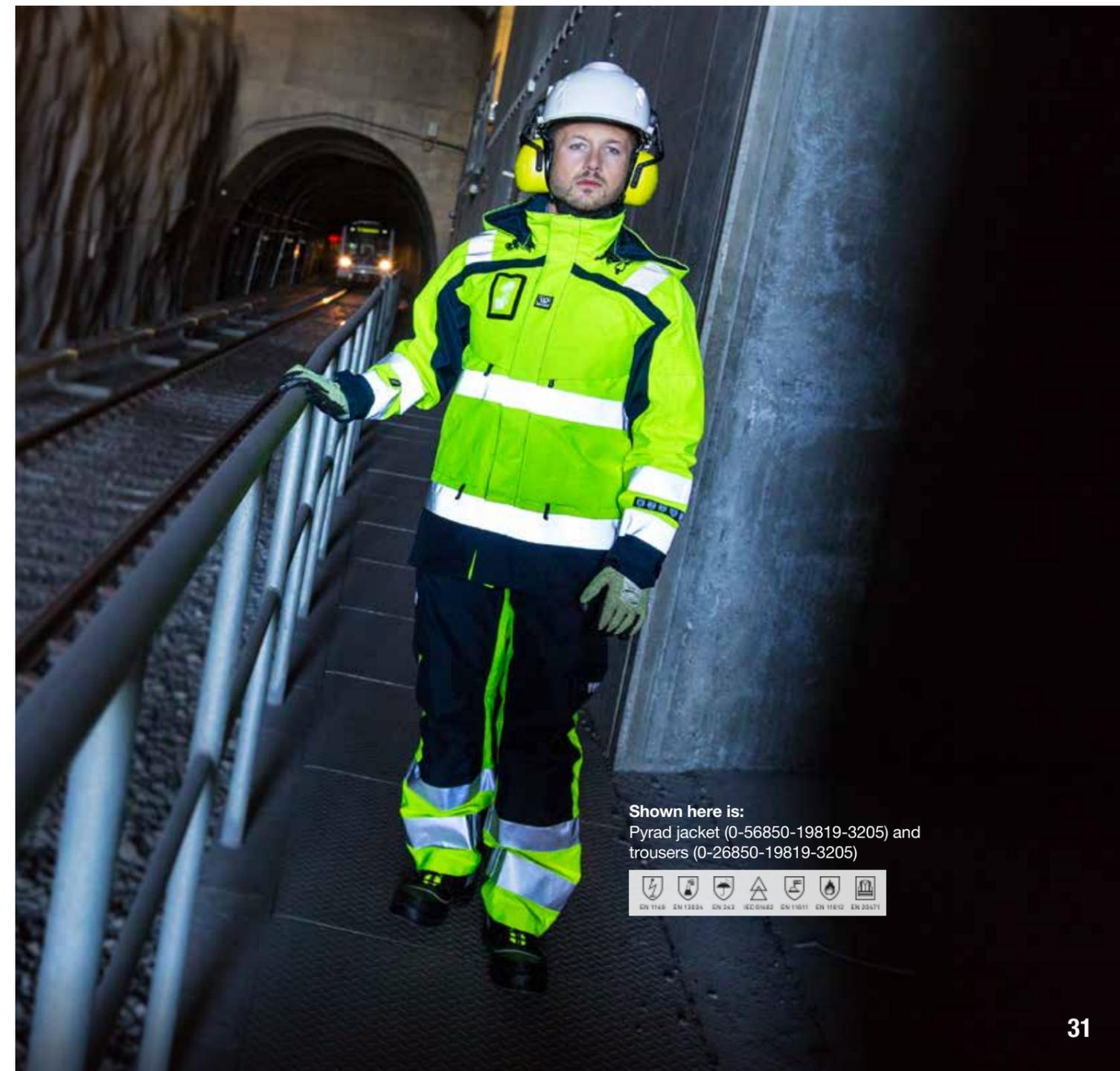
Class 2

Class 3

## We protect our customers most important resource: THE PEOPLE

Safety when working is the most important thing we have to offer. We protect our most valuable possession – our life. We know that choosing the right workwear to the right work is essential for saving lives and reducing injuries in the event of an accident. If you are exposed to several dangers during the same work operation, you should choose clothes that are multinorm-certified.

Contact us for more information.



### EN ISO 20471 - Very visible protective equipment

The standard specifies requirements and testing methodologies for visibility clothing, which make the user visible in all high-risk situation, regardless of lighting conditions.

#### REQUIREMENTS TO THE DESIGN

The standard requires that Hi-Vis work clothes must be designed in a uniform way. This takes into consideration placement of reflective bands and fluorescent material. The requirements depend on which part of the body the garment is supposed to cover (the torso, torso and arms, torso and legs, only legs, or garments that cover torso, arms and legs). Reflective bands and fluorescent material must be equally divided in the front and back of the garment with a maximum discrepancy of 10%.

#### REQUIREMENTS TO THE FABRIC

The fluorescent fabric is required to maintain its fluorescent properties even after a number of washing cycles. Colour fastness is required of textile in contrasting colours. The reflecting material is required to maintain the reflective properties after wash.

#### The minimum surface area per garment for fluorescent fabric and reflective material, measured in m<sup>2</sup>.

Textile	Class 3	Class 2	Class 1
Fluorescent material	0,80	0,50	0,14
Reflective material	0,20	0,13	0,10

Shown here is:  
Pyrad jacket (0-56850-19819-3205) and trousers (0-26850-19819-3205)



MAIN OFFICE AND LOCATIONS:

**WENAAS WORKWEAR AS,**

Bruasetvegen 122,  
N-6386 Måndalen.  
Tlf: +47 71 22 73 00  
Email: [post@wenaas.no](mailto:post@wenaas.no)

**UK - Scotland**

Wenaas Workwear UK  
Unit 1 Hub at Hareness  
Hareness Road  
Aberdeen  
Scotland  
AB12 3LE  
Email: [post@wenaas.com](mailto:post@wenaas.com)

**Netherlands**

Wenaas Workwear NL B.V.  
Voltastraat 12, 3335KK Zwijndrecht,  
Netherlands  
Email: [post.nl@wenaas.com](mailto:post.nl@wenaas.com)

**Sweden**

Wenaas Workwear AB  
Processvägen 5.  
435 33 Mölnlycke  
Email: [post@wenaas.com](mailto:post@wenaas.com)

FOLLOW US:

 [Wenaas Workwear AS](#)

 [#wenaas](#)

 [Wenaasworkwearas](#)

 [Wenaas workwear](#)

 [wenaas.com](http://wenaas.com)