



# **CWS High-Visibility and Cold-/Weatherproof Clothing**

**High-visibility, waterproof and breathable protective clothing in a full service**

**Published by:****CWS Workwear International GmbH**Dreieich Plaza 1A  
63303 Dreieich  
Germany

# Protective clothing saves lives!

**Provided it is coordinated to the workplace, fits properly, is worn when working – and it functions correctly.**

Protective clothing is subject to legal requirements and regulations regarding personal protection that employers are required to comply with. Specifically, all the risks associated with a job or task must be assessed. On the basis of this, employees must then receive the best suited personal protective equipment from their employer. Every day. Even after having been worn and washed multiple times. The wearer cannot tell whether work trousers are still providing optimal protection after having been worn for three months, in other words, if they are still good to use – neither can the employer in most cases. But CWS can!

Protective clothing is not only professionally washed in our laundries, but also, and most importantly, checked by specially trained members of staff. Whenever and wherever possible, damaged items are repaired. If that is not possible due to the garment's protective characteristics, it is replaced automatically.

We keep all sizes, lengths and colour versions of all items of protective clothing in stock in order to be able to provide customers with replacement garments on a quick and flexible basis.

EN ISO 20471



EN 14058



EN 343



EN 13758



**As you can see from our FLEX service on page 56, everything runs smoothly around here.**



**Pro Line HighVis padded work vest in safety orange/dark grey with Core HighVis softshell jacket in safety orange and Pro Line HighVis waistband trousers in safety orange/dark grey without knee pad pockets.**

# Contents

<b>High visibility clothing</b>	<b>6</b>
Alpha HighVis	10
Core HighVis	18
<b>High-visibility clothing with perfectly matching weatherproof garments</b>	<b>28</b>
Pro Line HighVis	30
<b>Weatherproof functional clothing</b>	<b>44</b>
Profi Line Outdoor	46



**Protective clothing is subject to legal requirements and regulations - including its washing, drying, repair and sewing.**

**Important to remember:**

As an employer, you are obliged to perform a risk assessment of each and every workplace and select personal protective equipment offering a corresponding or higher level of protection.

Repairs and adjustments to protective clothing should only be performed by specially trained individuals or institutions in accordance with the manufacturer's instructions.

You are responsible for ensuring that the protective clothing functions well for its entire period of use and remains in a hygienically perfect state.

Our specialist consultants and PPE experts will be happy to advise you at any time and with no obligation.

# High visibility



## High-visibility clothing: An absolute must when working in hazardous environments

Fluorescent background material ensures optimal visibility during the day, whilst retroreflective material (reflective stripes) catches people's attention better at dawn/dusk and in the dark.

The sharp contrast between the clothing and surroundings generates the protective effect. The high-visibility clothing from CWS is ideal wherever your employees need to be noticed and seen quickly in order to avoid accidents.

### protection class?

That all depends on the minimum surface of the background material and trim material.

For 360° visibility, the clothing must catch people's attention from all sides. Horizontal reflective stripes and fluorescent materials make the torso a real eye-catcher. If the garment has sleeves or legs, they are also encircled.

The standard does not permit any interruptions of the fluorescent surfaces, apart from the 5 cm between the reflective stripes and the reflective material itself.

### But what clothing corresponds to what warning

<b>Protection class</b> <b>1</b>		<b>Share of minimum surface:</b> ● <b>Fluorescent background material:</b> 0.14 m <sup>2</sup> ○ <b>Retroreflective material:</b> 0.10 m <sup>2</sup>	<ul style="list-style-type: none"> <li>• At speeds up to 30 km/h</li> </ul>
<b>Protection class</b> <b>2</b>		<b>Share of minimum surface:</b> ● <b>Fluorescent background material:</b> 0.50 m <sup>2</sup> ○ <b>Retroreflective material:</b> 0.13 m <sup>2</sup>	<ul style="list-style-type: none"> <li>• Used when visibility is good</li> <li>• In areas with lower traffic and at speeds up to approx. 60 km/h</li> </ul>
<b>Protection class</b> <b>3</b>		<b>Share of minimum surface:</b> ● <b>Fluorescent background material:</b> 0.80 m <sup>2</sup> ○ <b>Retroreflective material:</b> 0.20 m <sup>2</sup>	<ul style="list-style-type: none"> <li>• On railways</li> <li>• For the emergency services</li> <li>• In situations with poor visibility</li> <li>• In areas with heavier traffic and at speeds as of 60 km/h</li> </ul>

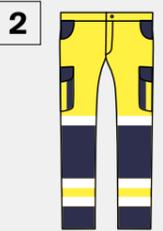
# Combine items for better visibility

The protection class of different items of clothing can be increased by wearing two individual garments together.

How visible your workers are in hazardous situations depends on the area covered by fluorescent or retroreflective material.

With the combined set, you can achieve warning protection class **2** or **3**.

For example, if you have a class **2** pair of trousers, the right choice of jacket can raise the certification to class **3**.

		Work jacket/parka <sup>1</sup>	Polo shirt/t-shirt	Vest
		 2	 2	 1
Work trousers/dungarees	 2	Protection class <b>3</b>	Protection class <b>3</b> <sup>2</sup>	Protection class <b>2</b>
Bermuda shorts	 1	Protection class <b>2</b>	Protection class <b>2</b>	Protection class <b>1</b>

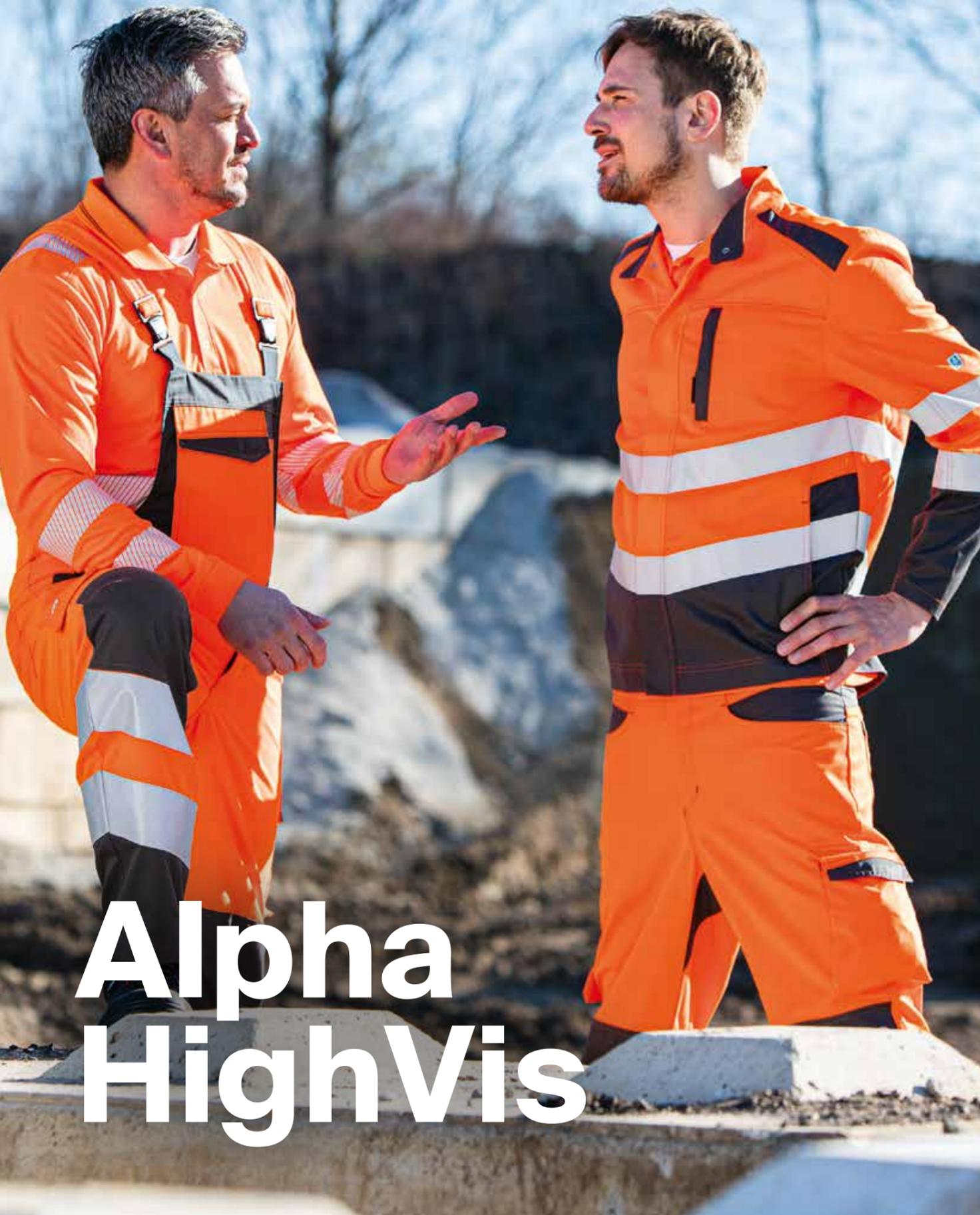
## <sup>1</sup> Parka:

Please note: The high-visibility parka corresponds to warning protection class **3** as of size M; smaller sizes only correspond to warning protection class **2**.

## <sup>2</sup> Polo shirt:

When the polo shirt/t-shirt is worn under dungarees (class **2**), the combination only corresponds to warning protection class **2**.





# Alpha HighVis

**Left: Alpha HighVis dungarees in safety orange/dark grey with Core HighVis long-sleeved polo shirt in safety orange Right: Alpha HighVis work jacket and waistband trousers in safety orange/dark grey**

## Environmentally friendly, resilient and breathable high-visibility clothing with EPD® environmental product declaration

Combine high visibility with environmental protection: Alpha HighVis is our first collection to be produced from a textile which is 100% ecological – and we can prove it. Tecawork® Ecogreen is certified in accordance with EPD®.<sup>1</sup>

With Alpha HighVis, you not only demonstrably reduce the impact on the environment, you also get state-of-the-art and high-performance high-visibility clothing to boot. The Tecawork® Ecogreen fabric offers an outstanding level of wearing comfort. Comprising lyocell and recycled polyester, this material blend is extremely robust and durable in

- Lyocell absorbs moisture 50% better than cotton, meaning sweat is wicked away from the body more quickly.
- Made from 100% TENCEL™ lyocell fibres from sustainable timber production and 100% recycled polyester from PET plastic bottles.

### Your contribution to the climate:

- 95% less water consumption<sup>2</sup>
- 91% less global warming<sup>2</sup>
- 45% less energy consumption<sup>2</sup>
- 30% lower GHG emissions<sup>2</sup>
- Fewer chemicals and pesticides used compared with a standard polycotton blend
- Get transparent insights into the sustainability of the garment via a QR code<sup>3</sup>

addition to offering high colour brilliance (even after many washes). Furthermore, the clothing impresses with its high breathability and is wonderfully soft to the touch.

Alpha HighVis' advantages are particularly evident when it comes to kitting out large workforces and employees who change their clothing often or whose duties are associated with high levels of wear and tear.

- TENCEL™ lyocell makes the textile wonderfully silky and gives it excellent moisture-regulating properties.
- Soft fabric with a high feel-good factor.

**TECAWORK®**  
Ecogreen



**EN ISO 20471**



**EN 13758**  
Tested for 40+



### Recommended for:

Waste management, transport companies, road construction, above ground and underground construction, logistics, airports, rail transport, electricity supply and gas/water supply.



Ideal in combination with the basics in the **Core HighVis** high-visibility collection, the weatherproof garments in the **Pro Line HighVis** range and the corresponding industrial and trade clothing.

<sup>1</sup> The EPD® is a certified environmental product declaration presenting the environmental data from products' life cycles in accordance with the ISO 14025 international standard. It provides comprehensive information on the impact that the manufacturing and sourcing of a product has on the environment – with a particular focus on water and energy consumption, the use of chemicals, the generation of emissions and waste as well as transport logistics.

<sup>2</sup> Compared with the production of cotton and standard polyester.

<sup>3</sup> For organisational reasons, the QR code is currently only included in the garments in safety orange, but the garments in safety yellow boast the same positive environmental record.

Alpha HighVis

# Work jacket

Protection  
class

2

TECAWORK®  
EcogreenEN ISO 20471  
Class 2EN 13758  
Tested for 40+

Safety yellow/dark blue:  
1005758

Safety yellow/dark grey:  
1005759

Safety orange/dark blue:  
1006303

Safety orange/dark grey:  
1006304

Safety orange/dark green:  
1006305

## Special features

- Straight-cut jacket with reflective stripes around torso and dark, contrasting panels on the sleeves and around the waist – two areas which frequently become dirty
- UV protection factor 40+ in acc. with AS/NZS 4399:2017
- Stand-up collar, dark inside, closable with press stud
- Extended back protects against drafts
- Concealed press studs down front
- Ergonomically shaped sleeve
- Sleeve cuff adjustable with press stud
- 2 reflective stripes around sleeves
- Integrated breast pocket with zip on left
- 2 side pockets with concealed press stud
- Inside pocket with press stud on left

## Material

### Safety yellow:

260 g/m<sup>2</sup>  
65% recycled polyester  
35% TENCEL™ lyocell

### Safety orange:

270 g/m<sup>2</sup>  
80% recycled polyester  
20% TENCEL™ lyocell

## Sizes

20/21–32/33 | 36/38–68/70 | 82/84–122/126



Alpha HighVis work jacket and waistband trousers in safety yellow/dark grey

Alpha HighVis

# Dungarees

Protection class  
**2**



TECAWORK®  
Ecogreen



EN ISO 20471  
Class 2



EN 13758  
Tested for 40+

Safety yellow/dark blue:  
1005762

Safety yellow/dark grey:  
1005763

Safety orange/dark blue:  
1006309

Safety orange/dark grey:  
1006310

Safety orange/dark green:  
1006311

## Special features

- Dungarees with straight leg, reflective stripes around the leg, contrasting knee areas, hems and pocket openings in dark fabric as well as a dark bib with patch pocket
- UV protection factor 40+ in acc. with AS/NZS 4399:2017
- The braces are elasticated and adjustable; the fly features a concealed zip
- Ergonomic knee area with tucks and knee reinforcements
- Side stretch inserts
- Bib pocket with flap and concealed press studs, pen compartment on side
- 2 side pockets, 2 patch back pockets
- Reinforced patch folding rule pocket on right
- Smartphone pocket with flap and hook-and-loop fastener on left

## Material

### Safety yellow:

260 g/m<sup>2</sup>  
65% recycled polyester  
35% TENCEL™ lyocell

### Safety orange:

270 g/m<sup>2</sup>  
80% recycled polyester  
20% TENCEL™ lyocell

## Sizes

20-33 | 40-72 | 86-122

Alpha HighVis

# Trousers

Protection class  
**2**



TECAWORK®  
Ecogreen



EN ISO 20471  
Class 2



EN 13758  
Tested for 40+

Safety yellow/dark blue:  
1005760

Safety yellow/dark grey:  
1005761

Safety orange/dark blue:  
1006306

Safety orange/dark grey:  
1006307

Safety orange/dark green:  
1006308

## Special features

- Straight-cut trousers with reflective stripes around legs and dark fabric at all points susceptible to dirt: the knees, the hems and the pocket openings
- UV protection factor 40+ in acc. with AS/NZS 4399:2017
- Attached waistband, with belt loops and elasticated back waist with buttonholes
- Ergonomic knee area with tucks and knee reinforcements
- Waistband with concealed jeans buttons on both sides, fly with concealed zip
- 2 side pockets, 2 patch back pockets
- Reinforced patch folding rule pocket on right
- Smartphone pocket with flap and hook-and-loop fastener on left
- These trousers are also available with additional dark hip and seat areas as well as knee pad pockets in warning protection class 1 (p. 17)

## Material

### Safety yellow:

260 g/m<sup>2</sup>  
65% recycled polyester  
35% TENCEL™ lyocell

### Safety orange:

270 g/m<sup>2</sup>  
80% recycled polyester  
20% TENCEL™ lyocell

## Sizes

21-33 | 40-72 | 84-122



Alpha HighVis waistband trousers in dark grey/safety orange with Core HighVis softshell jacket in safety orange

Alpha HighVis

# Trousers



**TECAWORK®**  
Ecogreen

Knee pad pockets filled from below



EN ISO 20471  
Class 1



EN 13758  
Tested for 40+

Dark blue/safety yellow:  
1005764

Dark grey/safety orange:  
1005765

## Special features

- Straight-cut trousers with dark hip and seat areas for work associated with dirt and where warning protection class 1 is sufficient
- UV protection factor 40+ in acc. with AS/NZS 4399:2017
- Patch knee pad pockets made of Cordura® with hook-and-loop fastener, fillable from below
- Attached waistband, with belt loops and elasticated back waist with buttonholes
- Ergonomic knee area with tucks
- Leg encircled by two diagonal reflective stripes
- Waistband with concealed jeans buttons on both sides, fly with concealed zip
- 2 side pockets, 2 patch back pockets
- Reinforced patch folding rule pocket on right
- Smartphone pocket with flap and hook-and-loop fastener on left

## Material

**Main colour** 260 g/m<sup>2</sup>  
65% recycled polyester | 35% TENCEL™ lyocell

**Safety colour** 225 g/m<sup>2</sup>  
80% recycled polyester | 20% cotton

## Sizes

20-33 | 40-72 | 84-122

# Core HighVis



1

**Core HighVis short-sleeved polo shirt in safety orange/safety yellow and Alpha HighVis waistband trousers in safety yellow/dark blue**

## Right on trend: Skin-friendly basics with integrated UV protection made from sustainable materials

Indispensable: practical basics which can be mixed and matched in a variety of ways for different duties and weather conditions. By choosing the Core HighVis collection, you are opting for sustainably produced goods made from knitted fabrics and softshell jackets in safety colours.

Alongside single-colour products in safety yellow and safety orange, we are also introducing a new, eye-catching colour concept for our polo shirts (p. 23) and the Pro Line HighVis GORE-TEX parka (p. 38/ 39).

Ecologically produced, state-of-the-art, high-performance textile fibres have long been an alternative to standard raw materials. They are now the new standard at CWS Workwear, especially when it comes to products worn directly against the skin.

The Core HighVis garments can be worn together with the work jacket and work trousers from our high-visibility ranges Alpha HighVis and Pro Line HighVis, which can also be found in this catalogue.

- Careful finishing and long-lasting quality
- Extremely comfortable to wear
- Skin-friendly fabric blend with organic cotton
- Low risk of allergies
- Contains recycled polyester for high durability and colour retention
- Sturdy and flexible
- Ideal for working outside in the sunshine thanks to cooling effect and integrated UV protection
- Diverse product range
- New, contemporary colour concept with safety yellow/safety orange available
- Get transparent insights into the sustainability of the garment via a QR code<sup>1</sup>



**EN ISO 20471**



**EN 13758**  
Tested for 40+



Combinable with the high-visibility and weatherproof collections **Alpha HighVis** and **Pro Line HighVis**.

<sup>1</sup> For organisational reasons, the QR code is currently only included in the pilot jacket (p. 26); the remaining garments in the Core HighVis collection are, of course, also naturally sustainable and produced in an environmentally friendly manner.



**Left: Core HighVis softshell jacket in safety yellow and Alpha HighVis waistband trousers in dark blue/safety yellow  
Right: Pro Line HighVis GORE-TEX parka and Alpha HighVis waistband trousers in safety yellow/dark blue**

Core HighVis

# Softshell jacket

Protection  
class  
**2**



**EN ISO 20471**  
Class 2: 2XS-L  
Class 3: as of size L

**Safety yellow:**  
1005657

**Safety orange:**  
1005658

## Special features

- Warming, fashionable and skin-friendly softshell jacket with soft inner fleece
- Particularly tear-resistant ripstop fabric with stretch
- Turn-down stand-up collar with dark inside fabric at a point susceptible to dirt
- Comfortable fit, 2 diagonally arranged reflective stripes
- Sleeve cuff can be adjusted with hook-and-loop fastener strap
- Zip front with chin protection on collar
- Integrated breast pocket with zip on left
- 2 side pockets
- Adjustable hem with bungee cord and toggles
- Can be zipped into Pro Line HighVis GORE-TEX parka (p. 40)

## Material

360 g/m<sup>2</sup>, ripstop fabric with stretch  
100% polyester  
Fleece inside

## Sizes

2XS-7XL

Core HighVis

# Short-sleeved polo shirt



**EN ISO 20471**  
Class 1: 2XS  
Class 2: XS - 2XL  
Class 3: 3XL-7XL



**EN 13758**  
Tested for 40+

**Safety yellow:**  
1005651

**Safety orange:**  
1005652

## Special features

- Classic polo shirt with modern cut
- UV protection factor 40+ in acc. with AS/NZS 4399:2017
- Polo collar made of knitted fabric with thin contrast stripe
- Figure-hugging fit, reinforced shoulders
- 2 reflective chevrons around torso, reflective patches running vertically over the shoulders for good visibility from behind
- Button neck
- Short sleeves with flat hem, reflective stripe around arm

## Material

180 g/m<sup>2</sup>  
60% organic cotton | 40% recycled polyester

## Sizes

2XS-7XL

Core HighVis

# Short-sleeved polo shirt



**EN ISO 20471**  
Class 1: 2XS  
Class 2: XS-2XL  
Class 3: 3XL-7XL



**EN 13758**  
Tested for 40+

**Safety yellow/safety orange:**  
1005659

**Safety orange/safety yellow:**  
1005660

## Special features

- Classic polo shirt in new, contemporary colour concept
- UV protection factor 40+ in acc. with AS/NZS 4399:2017
- Polo collar made from knitted fabric
- Figure-hugging fit, reinforced shoulders, contrast panels on sides
- 2 reflective chevrons around torso, reflective patches running vertically over the shoulders for good visibility from behind
- Button neck
- Short sleeves with flat hem, reflective stripe around arm

## Material

180 g/m<sup>2</sup>  
60% organic cotton | 40% recycled polyester

## Sizes

2XS-7XL

Core HighVis

# Long-sleeved polo shirt



Elasticated waistband made of stretch fabric



**EN ISO 20471**  
Class 1: 2XS  
Class 2: XS - 2XL  
Class 3: 3XL-7XL



**EN 13758**  
Tested for 40+

**Safety yellow:**  
1005653

**Safety orange:**  
1005654

## Special features

- Classic polo shirt with long sleeves and modern cut
- UV protection factor 40+ in acc. with AS/NZS 4399:2017
- Polo collar made of knitted fabric with thin contrast stripes
- Figure-hugging fit, reinforced shoulders
- 2 reflective chevrons around torso, reflective patches running vertically over the shoulders for good visibility from behind
- Button neck
- Long sleeve with comfort cuff, 2 reflective stripes around arms

## Material

180 g/m<sup>2</sup>  
60% organic cotton | 40% recycled polyester

## Sizes

2XS-7XL

Core HighVis

# T-shirt



**EN ISO 20471**  
Class 1: 2XS  
Class 2: XS - 2XL  
Class 3: 3XL-7XL



**EN 13758**  
Tested for 40+

**Safety yellow:**  
1005649

**Safety orange:**  
1005650

## Special features

- Fashionable t-shirt with stretch crew neck
- UV protection factor 40+ in acc. with AS/NZS 4399:2017
- Figure-hugging fit, reinforced shoulders
- 2 reflective chevrons around torso, reflective patches running vertically over the shoulders for good visibility from behind
- Short sleeves with flat hem, reflective stripe around arm

## Material

170 g/m<sup>2</sup>  
60% organic cotton | 40% recycled polyester

## Sizes

2XS-7XL

Core HighVis

# Pilot jacket



Elasticated knitted cuff



EN ISO 20471  
Class 2: 2X-M  
Class 3: L-7XL

Safety yellow:  
1006240

Safety orange:  
1006239

## Special features

- Warming, light padding, ideal for cool working environments
- Stand-up collar, inside collar in dark contrast colour
- Comfortable fit
- Yoke without shoulder seam
- 2 reflective chevrons around torso
- Long sleeves with elasticated knitted cuff
- Zip front with chin protection on collar
- 2 reflective stripes around arm
- Integrated breast pocket with zip on left
- Zip pockets integrated on side
- Inside pocket

## Material

200 g/m<sup>2</sup>  
100% recycled polyester

## Sizes

2XS-7XL

Core HighVis

# Half-zip sweatshirt



Elasticated waistband made of stretch fabric



EN ISO 20471  
Class 2: 2XS-L  
Class 3: XL-7XL

Safety yellow:  
1005655

Safety orange:  
1005656

## Special features

- Casual, skin-friendly sweatshirt with zip collar and contrasting zip. The inside of the collar is in a darker, contrasting fabric to protect the neck area susceptible of becoming dirty
- Stand-up collar, inside collar in dark contrast colour
- Figure-hugging fit, reinforced shoulders
- 2 reflective chevrons around torso
- Long sleeves with elasticated comfort cuff
- 2 reflective stripes around arm

## Material

310 g/m<sup>2</sup>  
70% recycled polyester | 30% organic cotton

## Sizes

2XS-7XL

# Weatherproof high-visibility clothing



## When the weather outside is frightful: high-visibility clothing with perfectly matching weatherproof garments

High-visibility workwear is often required in situations where not only the light but also the weather conditions are less than ideal.

To ensure you and your employees can brave even the worst weather conditions and still work safely, we have now complemented our high-visibility clothing with additional weatherproof features.

The eye-catching colours of the CWS high-visibility clothing ensure you are seen even in the worst visibility conditions.

Premium materials such as the 2- and 3-layer laminate from GORE-TEX, one of the world's leading manufacturers and processors of waterproof, breathable functional clothing, allow comfortable and safe work even on the wettest of days.

With over 40 years of experience, W. L. Gore & Associates has established itself as the clear market leader for functional and weatherproof textiles. CWS Workwear has been using GORE-TEX membranes for many years now. The microporous membrane (hydro membrane) made of polytetrafluoroethylene (PTFE) is not only windproof

and waterproof but also vapour-permeable and therefore breathable at the same time.

The membrane has approximately 1.3 billion pores/cm<sup>2</sup>. Each pore is approximately 120,000 the size of a water droplet but 770 times the size of a molecule of water vapour. Consequently, rain cannot penetrate it but water vapour can escape. This characteristic makes the membrane ideal for the production of functional textiles used for sports clothes, leisure wear and workwear.

### What is the difference between 2-layer and 3-layer laminate?



In the 2-layer construction, the membrane is only attached to the outer material. The advantage is that the separate lining ensures greater wearing comfort and higher versatility. In addition, it is also possible to integrate an unattached special insulation layer between the outer material and lining.

In the 3-layer construction, the membrane is permanently attached to both the outer material and lining, thereby reducing both the weight and the pack size of the jacket.

# Pro Line HighVis



Pro Line HighVis work jacket and waistband trousers in safety yellow/dark grey

## Bestseller with large range of items and colours that sets absolute quality standards with its premium functional materials and practical detail solutions.

With Pro Line HighVis we are offering you an extensive range of workwear, high-visibility clothing and weatherproof clothing in outstanding quality and with a modern design, plus an extra dose of freedom of movement thanks to stretch inserts and a whole range of other practical details.

Decades of experience and innumerable conversations with our customers and suppliers have been integrated into these collections to ensure the products and colours they offer satisfy the most varied of requirements.

All of the products are distinguished by a design with a high degree of recognisability and a modern, close-fitting cut; for optimal freedom of movement, we have also integrated 4-way stretch elements into the shoulders of the jackets and waistband of the trousers.

We manufacture the clothing using the natural fibre cotton, which we procure from our long-term partner Fairtrade. Cotton which bears this seal is not only traded fairly, but also contributes to minimising the ecological footprint. Among other things, the Fairtrade programme is committed to the environmentally friendly use of pesticides and water. Above and beyond this, compliance with stringent social standards is also checked.

- High-visibility and weatherproof clothing which can be worn all year round and mixed & matched as desired
- Stretch inserts for extra freedom of movement and a perfect fit when kneeling or bending over for work

For ultimate waterproofness combined with high breathability, we have been working together with one of the world's most innovative companies for many years now: W. L. Gore & Associates. The patented, microporous GORE-TEX membrane is characterised by excellent vapour permeability and is – depending on the garment – wind- and/or waterproof. Moisture from the body can escape to the outside, protecting the wearer against overheating and overcooling resulting from the wind chill effect.

The result: comfortable cuts for trousers and dungarees with stretch inserts, practical and sometimes extra-reinforced pockets, the use of natural fibres such as cotton and high-tech membranes from the global market leader W. L. Gore & Associates.

Discover the indestructible, comfortable and safe Pro Line HighVis workwear with its range of GORE-TEX products.

These products meet the highest performance class of EN 343, class 4-4 and they are additionally tested in the rain tower test.

- Large selection of products and colours for a variety of purposes and weather conditions

INCLUDES



EN ISO 20471



EN 343

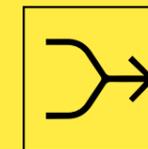


EN 14404



#### Recommended for:

Work performed outside all year round, above ground and underground construction, electricity supply, manufacturing industry.



Ideal in combination with the **Pro Line** industry and trade collection and the items in the **Profi Line Outdoor** and **Core HighVis** ranges.

Pro Line HighVis

# Work jacket

Protection  
class  
**2**

INCLUDES  
FAIRTRADE COTTON



EN ISO 20471  
Class 2

Safety yellow/dark grey: 1005786	Safety yellow/dark green: 1005789	Safety yellow/dark blue: 1005790	Safety orange: 1005791	Safety orange/dark grey: 1005785	Safety orange/dark green: 1005787	Safety orange/blue: 1005788

## Special features

- Stretch insert behind shoulders for maximum freedom of movement
- Reflective stripes on shoulders
- 2 breast pockets with press stud
- 1 closable inside breast pocket
- 2 side pockets
- Adjustable cuff with press studs
- Extended back protects against drafts

## Material

**Fluorescent outer fabric:** 275 g/m<sup>2</sup>  
50% cotton | 50% polyester

**Trim fabric:** 245 g/m<sup>2</sup>  
65% polyester | 35% cotton

## Sizes

23-33 | 42-72 | 84-122  
Back length in size 50: 75 cm

Pro Line HighVis

# Trousers

Protection  
class  
**2**

INCLUDES  
FAIRTRADE COTTON



EN ISO 20471  
Class 2

EN 14404

Safety yellow/dark grey: 1005793	Safety yellow/dark green: 1005796	Safety yellow/dark blue: 1005797	Safety orange/dark grey: 1005792	Safety orange/dark green: 1005794	Safety orange/blue: 1005795

## Special features

- Stretch inserts for a perfect fit even when kneeling or bending over for work
- 2 side pockets
- Flap back pocket with press stud on right
- Comfort waistband
- Folding rule welt pocket on right
- Flap leg pocket with press stud on left
- Ergonomically designed knee pad pockets
- Trousers leg padded to knee

## Material

**Fluorescent outer fabric:** 275 g/m<sup>2</sup>  
50% cotton | 50% polyester

**Trim fabric:** 245 g/m<sup>2</sup>  
65% polyester | 35% cotton

## Sizes

21-33 | 40-72 | 86-122

Pro Line HighVis

# Dungarees



INCLUDES



Now with stretch inserts in rear bib

Knee pad pockets filled from below

EN ISO 20471  
Class 2

EN 14404

Safety yellow/dark grey: 1005799	Safety yellow/dark green: 1005802	Safety yellow/dark blue: 1005803	Safety orange/dark grey: 1005798	Safety orange/dark green: 1005800	Safety orange/blue: 1005801

## Special features

- Stretch inserts on sides for greater freedom of movement
- Additional stretch insert in rear bib
- Front bib flap pocket with hook-and-loop fastener and press studs
- 2 side pockets
- Flap back pocket with press stud on right
- Folding rule welt pocket on right
- Flap leg pocket with press stud on left
- Ergonomically designed knee pad pockets
- Trousers leg padded to knee

## Material

**Fluorescent outer fabric:** 275 g/m<sup>2</sup>  
50% cotton | 50% polyester

**Trim fabric:** 245 g/m<sup>2</sup>  
65% polyester | 35% cotton

## Sizes

20-33 | 40-72 | 84-122

Pro Line HighVis

# Softshell jacket

EN ISO 20471  
Class 2

Safety yellow/dark grey: 1003109	Safety orange/dark grey: 1003118

## Special features

- Can be zipped into GORE-TEX parka (p. 39-41)
- Additional reflective stripes on shoulders
- Additional reflective piping along upper arms
- 2 breast pockets with zip
- Adjustable cuff with press studs

## Material

270 g/m<sup>2</sup>  
100% polyester, 3-layer laminate

## Sizes

2XS-5XL

Pro Line HighVis

# Work vest, padded



INCLUDES



## Special features

- Reflective stripes on shoulders
- 2 breast pockets with press stud
- 2 closable inside breast pockets
- Extended back protects against drafts
- Lightly padded

## Material

**Fluorescent outer fabric:** 275 g/m<sup>2</sup>  
50% cotton | 50% polyester

**Trim fabric:** 245 g/m<sup>2</sup>  
65% polyester | 35% cotton

## Sizes

22-33 | 44-72 | 90-122  
Safety orange/blue available from size 19  
Back length in size 50: 75 cm

Pro Line HighVis

# Bermuda shorts



INCLUDES



Now with comfort waistband and stretch inserts



## Special features

- Stretch inserts for a perfect fit even when kneeling or bending over for work
- 2 side pockets
- Flap back pocket with press stud
- Folding rule welt pocket on right
- Close-fitting cut
- Padded leg

## Material

**Fluorescent outer fabric:** 275 g/m<sup>2</sup>  
50% cotton | 50% polyester

**Trim fabric:** 245 g/m<sup>2</sup>  
65% polyester | 35% cotton

## Sizes

19-33 | 38-72 | 84-122



Pro Line HighVis GORE-TEX parka in safety yellow/safety orange and Pro Line HighVis waistband trousers in safety yellow/dark grey

Pro Line HighVis

# GORE-TEX parka



EN ISO 20471  
Class 2: 2XS-S  
Class 3: M-4XL



EN 343  
Class 4-4 R

Safety yellow/safety orange:  
1005644

## Special features

- New, contemporary colour combination of safety yellow and safety orange
- Water- and windproof fabric with breathable GORE-TEX membrane, which protects against overheating and overcooling resulting from the wind chill effect
- Reflective stripes on shoulders
- Dark grey hood can be stored in collar (p. 40)
- 2 patch breast pockets with zip
- Inside breast pocket with press studs on left
- 2 inside flap pockets with press studs
- Thermal bridges on upper arm, shoulder and bottom of back
- Adjustable cuff with hook-and-loop fastener strap
- The Core HighVis softshell jacket (p. 21) and Pro Line HighVis softshell jacket (p. 35) as well as the Pro Line HighVis padded work jackets (p. 43) can be zipped into the parka.

## Material

220 g/m<sup>2</sup>  
100% polyester, GORE-TEX, 2-layer laminate

## Sizes

2XS-4XL  
Back length in size M: 86 cm

Pro Line HighVis

# GORE-TEX parka

Protection  
class  
**3**



Quilted jacket can be  
zipped in



With hood



EN ISO 20471  
Class 2: 2XS-S  
Class 3: M-4XL



EN 343  
Class 4-4 R

Safety yellow/dark grey:  
1003098

Safety orange/dark grey:  
1003099

## Special features

- Long parka made of waterproof and windproof fabric with breathable GORE-TEX membrane, which protects against overheating and overcooling resulting from the wind chill effect
- Reflective stripes on shoulders
- Dark grey hood can be stored in collar
- 2 patch breast pockets with zip
- Inside breast pocket with press studs on left
- 2 inside flap pockets with press studs
- Thermal bridges on upper arm, shoulder and bottom of back
- Adjustable cuff with hook-and-loop fastener strap
- The Core HighVis softshell jacket (p. 21) and Pro Line HighVis softshell jacket (p. 35) as well as the Pro Line HighVis padded work jackets (p. 43) can be zipped into the parka.

## Material

220 g/m<sup>2</sup>  
100% polyester, GORE-TEX, 2-layer laminate

## Sizes

2XS-4XL  
Back length in size M: 86 cm

Pro Line HighVis

# GORE-TEX parka

Protection  
class  
**3**



(short)



EN ISO 20471  
Class 2: 2XS-S  
Class 3: M-4XL



EN 343  
Class 4-4 R

Safety yellow/dark grey:  
1003103

Safety orange/dark grey:  
1003102

## Special features

- Short parka made of waterproof and windproof fabric with breathable GORE-TEX membrane, which protects against overheating and overcooling resulting from the wind chill effect
- Reflective stripes on shoulders
- Dark grey hood can be stored in collar
- 2 patch breast pockets with zip
- Inside breast pocket with press studs on left
- 2 inside flap pockets with press studs
- Thermal bridges on upper arm, shoulder and bottom of back
- Adjustable cuff with hook-and-loop fastener strap
- The Core HighVis softshell jacket (p. 21) and Pro Line HighVis softshell jacket (p. 35) as well as the Pro Line HighVis padded work jackets (p. 43) can be zipped into the parka.

## Material

220 g/m<sup>2</sup>  
100% polyester, GORE-TEX, 2-layer laminate

## Sizes

2XS-4XL  
Back length in size M: 74 cm

Pro Line HighVis

# GORE-TEX trousers with braces

EN ISO 20471  
Class 2EN 343  
Class 4-4 R

Safety yellow/dark grey:  
1003101

Safety orange/dark grey:  
1003100

## Special features

- Trousers with braces made of waterproof and windproof fabric with breathable GORE-TEX membrane, which protects against overheating and overcooling resulting from the wind chill effect
- Adjustable, elasticated braces with quick-release buckles
- Attached bib with stretch zone
- Concealed zip fly
- 2 side pockets
- Thermal bridge on thigh

## Material

220 g/m<sup>2</sup>  
100% polyester, GORE-TEX, 2-layer laminate

## Sizes

19-33 | 40-72 | 86-122

Pro Line HighVis

# Padded work jacket

(quilted)



(short)

EN 14058  
Garments for protection  
against cool environments

Dark grey:  
1003171

EN 14058  
Garments for protection  
against cool environments

Dark grey:  
1003174

## Special features

- Warming, light padding
- For zipping into GORE-TEX parka (p. 39-41) and Profi Line Outdoor parka (p. 54)
- Inside breast pocket with hook-and-loop fastener
- Cuffs made of knitted fabric for greater wearing comfort
- Can be attached to stand-up collar
- Extended back

## Material

150 g/m<sup>2</sup>  
65% polyester | 35% cotton

## Sizes

2XS-4XL  
Back length in size M: 78 cm (long), 68 cm (short)

# Weather protection



## Keeps you extra warm and dry: weatherproof functional clothing

### Morning frost, pouring rain and icy-cold wind will be no match for your workwear ever again.

Everyone who works outdoors knows what a big difference good workwear can make. Workwear needs to perform better than usual in winter in particular.

In bad weather, your colleagues usually need more than just a raincoat.

Weatherproof clothing must keep the wearer warm, be comfortable to wear and, especially, be breathable during strenuous physical activity. In addition, weatherproof clothing often needs to make the wearer clearly visible, particularly where fog and snow are concerned – reflective piping and stripes are absolutely invaluable here.

Mix & match your workwear with the outdoor articles from CWS.

### Your water- and windproof arguments for all future work in bad weather conditions:

- When it's wet outside, it should stay dry inside: breathable materials guarantee precisely that. They allow sweat to escape from the inside to the outside as water vapour, so there is no build-up of moisture in the clothing.
- It's often not the frosty temperatures that make working outside so unpleasant but rather the wind, which can be so uncomfortably bitter that our body temperature drops quicker than usual. Windproof materials keep the wind out.
- When it's raining or snowing, one thing is essential: absolute waterproofness. Employ waterproof clothing from CWS Workwear for all work in bad weather conditions.

# Profi Line Outdoor

Padded Profi Line Outdoor work jacket with Pro Line waistband trousers in dark grey/red

## Sturdy, high-performance fabric with reflective elements and GORE-TEX membrane for working outside in the cold and wet

Profi Line Outdoor offers you comprehensive protection at low temperatures and in adverse weather conditions. Developed for all work performed temporarily or continuously outdoors, this collection impresses with its outstanding wearing properties. Even in cold and wet working conditions, this clothing offers warming and dry protection.

All garments are vapour-permeable, meaning sweat can escape easily and moisture is not retained within

- Year-round weatherproof clothing
- Made from a windproof, water-repellent and high-performance fabric with 100% polyester or polyamide
- Great freedom of movement



### GORE-TEX - the membrane with waterproof advantages

- Impermeable to water droplets
- Transports moisture from inside to outside
- Optimal wind barrier
- Protection against overcooling resulting from the wind chill effect
- Can be worn for up to 8 hours without interruption at temperatures of up to 20°C taking breathability into account

the clothing system; the body is protected against overheating and overcooling resulting from the wind chill effect.

The special thermal bridge fabric used for our parka (p. 54) keeps the body warm and also offers optimal protection against heavy rain – an ideal item of clothing for autumn and winter.

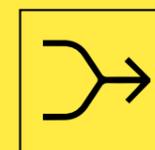
- Extremely comfortable to wear



EN 343



EN 14058



Ideal in combination with the **Pro Line** industry and trade collection and the **Alpha HighVis**, **Pro Line HighVis** and **Core HighVis** high-visibility ranges.

\* The cold protection standard is achieved with the combination of Outdoor parka (p. 54) and quilted jacket (p. 43).

Profi Line Outdoor

# Softshell jacket



<b>Dark grey:</b> 1002591	<b>Black:</b> 1000823	<b>Black/red:</b> 1000824	<b>Black/blue:</b> 1000825	<b>Black/dark green:</b> 1000826
------------------------------	--------------------------	------------------------------	-------------------------------	-------------------------------------

## Special features

- Turn-down stand-up collar
- Fleece inside collar
- Concealed front zip
- Closable inside pocket on left and right
- 2 side pockets
- Adjustable cuffs with hook-and-loop fastener strap
- Adjustable hem with bungee cord and toggles inside at sides
- Extended back
- Reflective design elements

## Material

330 g/m<sup>2</sup>  
100% polyester, 3-layer laminate

## Sizes

2XS-4XL  
Back length in size M: 75 cm

Profi Line Outdoor

# Softshell jacket



<b>Dark grey/black:</b> 1000820	<b>White/grey:</b> 1000822
------------------------------------	-------------------------------

## Special features

- Turn-down stand-up collar
- Fleece inside collar
- Concealed front zip
- Inside pockets on left and right closable with zip
- 2 side pockets closable with hook-and-loop fastener
- Adjustable cuffs with hook-and-loop fastener strap
- Adjustable hem with bungee cord and toggles inside at sides
- Extended back
- Reflective design elements

## Material

330 g/m<sup>2</sup>  
100% polyester, 3-layer laminate

## Sizes

2XS-4XL  
Back length in size M: 75 cm

Profi Line Outdoor

# Fleece jacket



**Dark grey/black:**  
1000821

## Special features

- Stand-up collar, height-adjustable with zip
- 2 inside pockets closable with zip
- 2 side pockets closable with hook-and-loop fastener
- Adjustable cuffs with hook-and-loop fastener strap
- Adjustable hem with bungee cord and toggles inside at sides
- Extended back
- Reflective design elements

## Material

310 g/m<sup>2</sup>  
100% polyester

## Sizes

2XS-4XL  
Back length in size M: 75 cm

Profi Line Outdoor

# Work jacket, padded



**Black:**  
1005479

**Black/red:**  
1005480

**Black/blue:**  
1005481

**Black/dark green:**  
1005482

## Special features

- Warming, padded work jacket with quilted lining
- Turn-down stand-up collar
- Warming fleece inside collar
- Concealed front zip
- Closable breast pocket on left
- Padded quilted lining
- Inside breast pocket for smartphone on left
- 2 side pockets with fleece lining
- Elasticated waistband inside as windstop
- Elasticated cuffs, close fitting as windstop
- Reflective design elements

## Material

180 g/m<sup>2</sup>  
100% polyamide

## Sizes

2XS-4XL  
Back length in size M: 73 cm

# Work vest, padded



**Black:**  
1005475

**Black/red:**  
1005476

**Black/blue:**  
1005477

**Black/dark green:**  
1005478

## Special features

- Warming padded work vest with quilted lining
- Turn-down stand-up collar
- Warming fleece inside collar
- Concealed front zip
- Closable breast pocket on left
- Padded quilted lining
- Inside breast pocket for smartphone on left
- 2 side pockets with fleece lining
- Elasticated waistband inside as windstop
- Reflective design elements

## Material

180 g/m<sup>2</sup>  
100% polyamide

## Sizes

2XS-4XL  
Back length in size M: 73 cm



Profi Line Outdoor padded work vest in black/blue with Pro Line waistband trousers in dark grey

# Parka



Dark grey/black:  
1003175

Dark grey/red:  
1003172

Dark grey/blue:  
1003169

Dark grey/dark green:  
1003173

## Special features

- High closing stand-up collar with integrated hood
- Adjustable hood with rain shield can be stored in collar
- Front closable with two-way zip and press studs
- 2 breast pockets closable with zip
- Patch inside pocket closable with hook-and-loop fastener
- 2 patch pockets on side with flaps closable with press studs
- Adjustable cuffs with hook-and-loop fastener strap
- Reflective design elements
- Toggle drawstring on inside hem
- The lightly padded quilted jacket (p. 43) can be zipped in for extra protection against the cold
- Napoleon pocket closable with zip located below press stud panel
- Thermal bridge in shoulder and upper arm region

## Material

220 g/m<sup>2</sup>  
100% polyester, GORE-TEX, 2-layer laminate

## Sizes

2XS-4XL  
Back length in size M: 86 cm

# Trousers with braces



Dark grey:  
1003170

## Special features

- Adjustable braces made from stretch fabric with quick-release buckles
- Attached bib with stretch zone in back
- Concealed zip fly
- 2 side pockets
- Thermal bridge on thigh, integrated into lining
- Back pocket closable with flap to be waterproof on right
- Cordura®-reinforced folding rule pocket
- Reflective design elements

## Material

220 g/m<sup>2</sup>  
100% polyester, GORE-TEX, 2-layer laminate

## Sizes

19-33 | 40-72 | 86-122

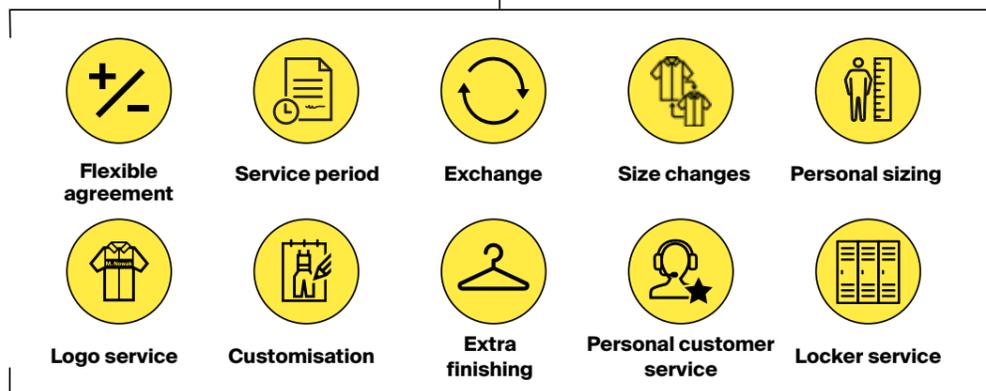
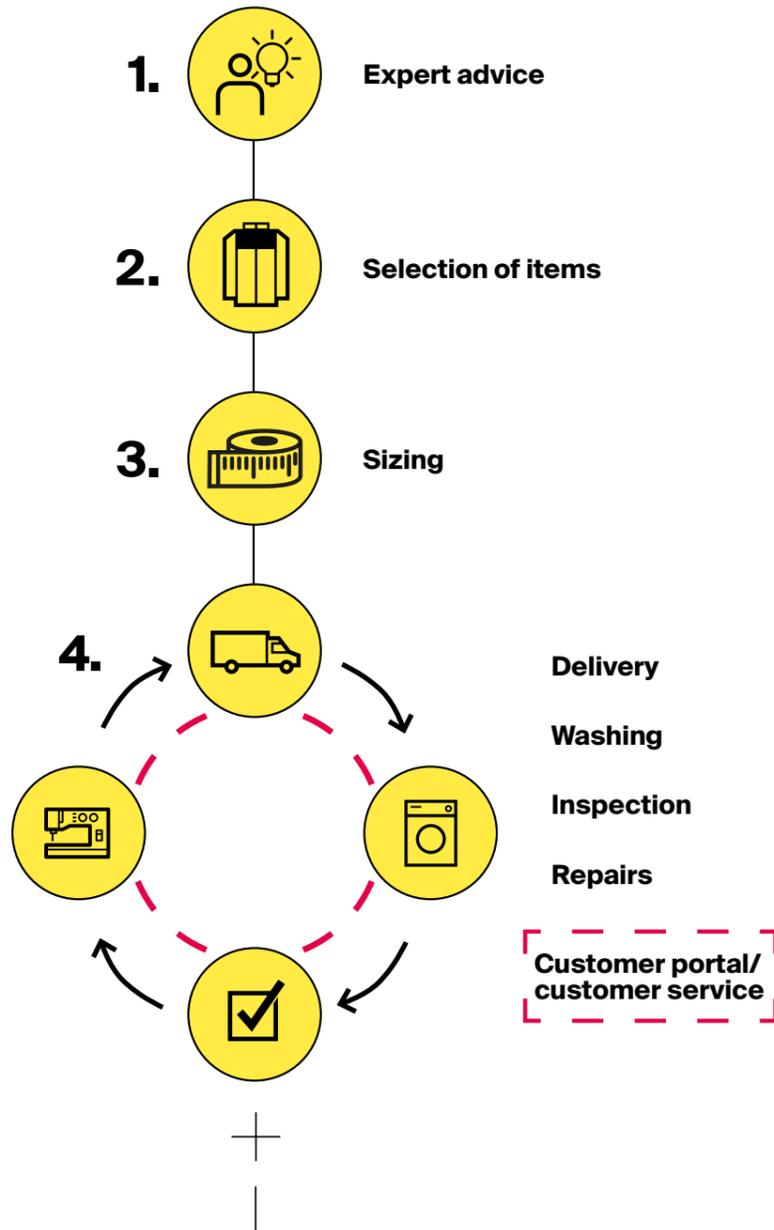
# CWS FLEX

## The service based on your needs.

Every company is different and has its own requirements. So why make do with standard solutions? Our CWS FLEX service offers you a wide range of service modules that you can use to customise your service to suit your individual needs and requirements.

Our key services, comprising ongoing advice and the professional care of your clothing, are always included. You are free to choose everything else flexibly.

Discuss your service needs with us, and just pay for what you really need. We keep it simple, you keep it flexible.



### Our logo service

We personalise your workwear with our popular service. We can add your company or association logo or employee name tags to the clothing for you, paying attention to CI-compliant design and standard-compliant positioning. This increases the recognition value with your customers and builds trust.





# With CWS Workwear, you are choosing active environmental protection.

Because you don't just wear clothing - you also bear responsibility.

Our vision at CWS: Contributing to a healthier and safer tomorrow. Our responsibility begins with the selection of our partners, the raw materials we use, the electricity consumption in our laundries, the transport logistics and the use of plastic packaging, naturally extending over the product's entire service life, the end of which is increasingly not characterised by an end, but rather upcycling and recycling.

Those wanting to know more can now find detailed information on the environmental impact of our garments on the Know what you wear website.

You already know that CWS Workwear has been paying attention to the sparing use of resources for many years

and is sustainable. Our Know what you wear label now shows you exactly how sustainable each individual garment can actually be. The key to the information is the QR code, which you can find on the respective label. Discover what you are wearing against your skin and accept responsibility for the conservation of our planet with us.

The new label is already included in the Alpha HighVis range and in the pilot jacket in the Core HighVis collection. Further labels will follow soon.



# Was that everything already? No!

Colleagues swift shifts, do this job today and that one tomorrow, work indoors and outdoors: CWS Workwear offers you an extensive range of personal protective

equipment (PPE), industrial and trade clothing, protective clothing for welders and t-shirts, polo shirts, sweatshirts, shirts, softshell jackets and trousers.

Please ask your CWS customer consultant about our other catalogues and offers.



All catalogues are available to download at [cws.com](http://cws.com)

