

A full-page photograph of two men in mining safety gear walking towards the camera in a quarry. They are wearing white hard hats, sunglasses, high-visibility yellow and orange safety vests over black polo shirts, and black cargo pants. They are also wearing black gloves and black safety boots. In the background, there is a large yellow mining vehicle, possibly a loader or haul truck, and a rocky cliff face.

uvex

Mining Sector  
Catalogue - Southern Africa

protecting people

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Sustainability



# Mining in South Africa



**Contribution to GDP - Critical part of South Africa's economy, contributing around 7-8% of national GDP.**

**The industry provides jobs for hundreds of thousands of people, directly employing 450k workers and indirectly supporting additional jobs in related sectors.**

**We are the world's largest producer of Platinum and significant quantities of Palladium and Rhodium.**

**South Africa has historically been one of the largest producers of Gold.**

**South Africa holds about 80% of the world's known high-grade Manganese Ore reserves.**

Kimberley mine (The Big Hole) is one of the deepest hand-dug excavations in the world, producing 14.5 million carats of diamonds until its closure in 1914.

South Africa is home to some of the world's deepest mines, such as Mponeng Mine, which reaches 4 kilometers below the surface.

The first diamond discovered in South Africa was the Eureka diamond, found by a 15-year old boy named Erasmus Jacobs in 1867, along the banks of the Orange River.

The Cullinan diamond, from which the Star of Africa diamonds were cut, was discovered on January 26, 1905, at the Premier Mine (now Cullinan Mine), near Pretoria.

The South African Gold Rush began in 1886 when George Harrison discovered gold on Langlaagte farm.

The Witwatersrand Basin in South Africa is the largest gold-producing area in the world. It has produced about 40% of all the gold ever mined on earth.

**For decades, the South African mining sector has relied on uvex safety to protect their employees, trust us to protect yours.**

# SOUTH AFRICAN MINING SECTOR

SAFETY  
 EYEWEAR  
 HEARING  
 PROTECTION  
 HEAD  
 PROTECTION  
 BREATHING  
 PROTECTION  
 PROTECTIVE  
 CLOTHING  
 SAFETY  
 GLOVES  
 SAFETY  
 FOOTWEAR

Hearing conservation training > On-site support & surveys > Sustainability > Fit testing > Community support  
 Product selection advice > Quality > Complete product range > Local content > Training

STATS 2023	Production (tonnes)	Employment
PLATINUM GROUP METALS	239 MIL	181,806
COAL	228 MIL	94,531
GOLD	96 MIL	93,5891
IRON ORE	66 MIL	23,439
CHROME	19 MIL	20,411
DIAMONDS	20 MIL	15,059
MANGANESE	20 MIL	11,804
IND. MINERALS	53 MIL	11,495

# PROCESSES

EXPLORATION

SURFACE MINING  
 UNDERGROUND MINING  
 OPEN PIT / QUARRYING

BLASTING • EXCAVATION • DRILLING • EXTRACTION • CRUSHING  
 MILLING • MAINTENANCE • WORKSHOPS • SMELTING  
 CONCENTRATING • LEACHING • TAILINGS • PROCESSING  
 REFINING • ORE CONVEYOR • STOCK PILING • LOADING  
 TRANSPORTATION • ENVIRONMENT • REHABILITATION

HIERARCHY OF CONTROLS:

ELIMINATION >> SUBSTITUTION >> ENGINEERING >> ADMINISTRATIVE >> PPE

PPE CONSIDERATIONS:

STANDARDS AND NORMS • MINE HEALTH AND SAFETY ACT NO • DMR • RISK ANALYSIS • OCCUPATIONAL  
 • EXPOSURE LIMITS • FIT FOR PURPOSE • SILLICOSIS • UV PROTECTION • ANTI-FOG • ANTI-SCRATCH  
 SPLASHES • CHEMICALS • WELDING • GRINDING • IMPACT PROTECTION • HANDLING • CUT RESISTANCE  
 CHEMICAL PROTECTION • NOISE INDUCED HEARING LOSS

# uvex South Africa in Mining

uvex safety South Africa was established in 1995, with nearly 30-years of experience in the PPE industry across all sectors.

**The mining industry, however, has always been a key focus sector for us.**

Our mission is 'protecting people', and the tough working conditions in the mining industry demand reliable personal protective equipment. uvex South Africa is a global leader in innovation with extensive worldwide expertise in providing multiple product-based and industry-specific solutions, as well as services tailored to individual customer needs for surface and underground mining.

Our team at uvex Safety South Africa understands the diverse technical demands and the global market factors that drive the mining industry. We also understand the critical need to offer flexible and unique solutions, while staying abreast of changing needs and standards.

As a global PPE manufacturer with regional operations, and our office in South Africa overseeing the entire Africa, Middle East and India operations, we are uniquely qualified to deliver such capabilities.



### Initiation

- Site surveys
- Multi-location product support
- On-site application review

### Product Selection

- Fit-for-purpose
- Sampling and wearer trials
- Chemical Expert System

### After-sales Optimization

- Performance Tracking
- Cost-in-use

# why uvex?

### Information Exchange

- Best Practice
- Local and International Standards
- Trends
- Innovations

### Support Programmes

- Hearing e-Learning
- Hearing Fitment System
- Chemical Expert System
- Customized Training

## Safety Eyewear

### uvex pheos guard A/F

**Frame:** W 166 F CE  
**Weight:** 46g



**Art. No.** 9092085  
**Coating** uvex AF/AF  
**Standard** EN 166, EN 170  
**Colour** light grey  
**Lens** PC clear UV400  
2C-1,2 W 1 F CE



**Art. No.** 9092086  
**Coating** uvex AF/AF  
**Standard** EN 166, EN 172  
**Colour** light grey  
**Lens** PC grey 53% UV400  
2C-1,2 W 1 F CE

Sporty and multifunctional, the perfect allrounder. Modular design allows wearer to convert from spectacle to "spoggle" to goggle. Foam seal insert protect for dusty areas. A/F coating ideal for underground mining. Available in clear and indoor/outdoor tints.

### uvex pheos nxt

**Frame:** W 166 F CE  
**Weight:** 25g



**Art. No.** 9128265  
**Coating** uvex supravision excellence  
**Standard** EN 166, EN 170  
**Colour** blue, anthracite  
**Lens** PC clear UV400  
2C-1,2 W1 FTKN CE



**Art. No.** 9128223  
**Coating** uvex supravision excellence  
**Standard** EN 166, EN 172  
**Colour** white, black  
**Lens** PC CBR23 UV400  
5-2,5 W1 FTKN CE

These safety glasses are pleasantly lightweight, ensuring comfort without compromising on durability. The special design of the arms not only looks impressive but also provides an excellent grip, even during demanding tasks. The large panoramic lens offers a wide, distortion-free field of vision, ensuring a clear view. With its all-round appeal, the uvex pheos nxt is ideally suited to a wide range of applications.

### uvex pheos cx2

**Frame:** W 166 FT CE  
**Weight:** 28g



**Art. No.** 9198256  
**Coating** uvex supravision excellence  
**Standard** EN 166, EN 170  
**Colour** blue, anthracite  
**Lens** PC clear UV400  
2C-1,2 W1 FTKN CE



**Art. No.** 9198064  
**Coating** uvex supravision excellence  
**Standard** EN 166, EN 170  
**Colour** blue, anthracite  
**Lens** PC clear UV400  
2C-1,2 W1 FTKN CE



**Art. No.** 9198223  
**Coating** uvex supravision excellence  
**Standard** EN 166, EN 172  
**Colour** white, black  
**Lens** PC CBR23 UV400  
5-2,5 W1 FTKN CE



**Art. No.** 9198237  
**Coating** uvex supravision excellence  
**Standard** EN 166, EN 170  
**Colour** blue, anthracite  
**Lens** PC clear UV400  
2C-1,2 W1 FTKN CE

Benefitting from the ideal combination of hard and soft materials around the brow, nose and side arms that adapt to the wearer's face, the uvex pheos cx2 delivers outstanding protection and comfort. This soft moulded X-tended eye shield and brow guard provides reliable protection against splash and particle ingress.

# Safety Eyewear

## uvex x-fit

**Frame:** W 166 F CE  
**Weight:** 23g



**Art. No.** 9199266  
**Coating** uvex supravision excellence  
**Standard** EN 166, EN 170  
**Colour** blue translucent  
**Lens** PC clear UV400  
2C-1,2 W1FTKN CE



**Art. No.** 9199416  
**Coating** uvex supravision ETC  
**Standard** EN 166, EN 170  
**Colour** blue translucent  
**Lens** PC clear UV400  
2C-1,2 W1FTKN CE



**Art. No.** 9299021  
**Coating** uvex supravision excellence, sunglare filter  
**Standard** EN 166, EN 172  
**Colour** blue translucent  
**Lens** PC grey UV400  
5-2,5 W1FTKN CE

These classic, metal-free safety spectacles weigh just 23 grams, feature uvex supravision coating technology, and have an innovative hinged side arm design with an optional uvex comfort slider for an optimum fit.

## uvex super OTG

**Frame:** W 166 FT CE  
**Weight:** 37g



**Art. No.** 9169260  
**Coating** uvex supravision excellence  
**Standard** EN 166, EN 170  
**Colour** blue, light grey  
**Lens** PC clear UV400  
2C-1,2 W1FTKN CE

These classic, metal-free overspecs for prescription wearers feature an innovative temple concept and a flat lens for a wide field of vision, with flexible side arms and soft-grip temple ends for a comfortable, secure fit. The nose bridge is designed for all-day comfort, and the robust polycarbonate lens with uvex supravision technology provides permanent anti-fog, scratch resistance, and UV400 protection.

## uvex super F OTG

**Frame:** W 166 FT CE  
**Weight:** 39g



**Art. No.** 9169164  
**Coating** uvex supravision excellence sunglare filter  
**Standard** EN 166, EN 172  
**Colour** black, clear  
**Lens** PC CBR65 UV400  
5-1,4 W1FTKN CE

These classic overspecs for prescription wearers feature a flat lens for a wide field of vision, side arms with soft-grip temple ends for a comfortable, secure fit, an all-day comfort nose bridge, and robust polycarbonate lenses with uvex supravision technology for permanent anti-fog and scratch resistance. They also provide 100% UV400 protection.



### Contrast

**Contrast enhancement**  
Better contrast for clearer vision, helping to reduce strain on the eyes — even in diffused light.

### Bluelight reduction

**Blue light reduction**  
Blue light is reduced by up to 50 or 95%

### Relaxed vision

**Relaxed vision**  
Ideal for high-concentration work; the eyes get less tired even when working for longer periods.

### 65% transmission

**Slight tint**  
Ideal for use both indoors and outdoors. Ideal for working in bright LED lights, for example.

### 23% transmission

**Optimal protection against glare**  
Especially for working outdoors.

# Safety Eyewear

The uvex i-range is our flexible 3 in 1 safety eyewear range that allows wearers to select the right product for the workplace hazard or environment.



**x-tended sideshield** for additional side protection



**Flat lens design** for an unrestricted field of vision



With proven **uvex supravision coating technology** and UV400 protection



**Ergonomically shaped side arms** for a perfect fit and secure hold without creating pressure points



**Three-stage adjustable side arms** for individual customisation



**Soft and flexible face seal** made from sustainable materials for a universal fit



**uvex i-range utilises recycled materials for its packaging** helping to limit the impact on the environment.

## uvex i-lite

**Frame:** W 166 F CE  
**Weight:** 32g



**Art. No.** 9143265  
**Coating** uvex supravision excellence  
**Standard** EN 166, EN 170  
**Colour** blue, anthracite  
**Lens** PC clear UV400  
2C-1,2 W1 FKN CE



**Art. No.** 9143281  
**Coating** uvex supravision excellence sunglare filter  
**Standard** EN 166, EN 172  
**Colour** lime, anthracite  
**Lens** PC grey 23% UV400  
5-2,5 W1 FKN CE

## uvex i-guard

**Frame:** W 166 34 F CE  
**Weight:** 48g



**Art. No.** 9143266  
**Coating** uvex supravision excellence  
**Standard** EN 166, EN 170  
**Colour** blue, anthracite  
**Lens** PC clear UV400  
2C-1,2 W1 FKN CE



**Art. No.** 9143282  
**Coating** uvex supravision excellence sunglare filter  
**Standard** EN 166, EN 172  
**Colour** lime, anthracite  
**Lens** PC grey 23% UV400  
5-2,5 W1 FKN CE

## uvex i-guard+

**Frame:** W 166 34 B CE  
**Weight:** 50g



**Art. No.** 9143267  
**Coating** uvex supravision excellence  
**Standard** EN 166, EN 170  
**Colour** blue, anthracite  
**Lens** PC clear UV400  
2C-1,2 W1 BKN CE



**Art. No.** 9143283  
**Coating** uvex supravision excellence sunglare filter  
**Standard** EN 166, EN 172  
**Colour** lime, anthracite  
**Lens** PC grey 23% UV400  
5-2,5 W1 BKN CE

## uvex i-guard+ kit

**Frame:** W 166 34 B CE  
**Weight:** 56g



**Art. No.** 9143300  
**Coating** uvex supravision excellence  
**Standard** EN 166, EN 170  
**Colour** blue, anthracite  
**Lens** PC clear UV400  
2C-1,2 W1 BKN CE



# Safety Eyewear



**Art. No.** 9164285  
**Coating** uvex supravision excellence  
**Standard** EN 166, EN 170  
**Colour** black, lime  
**Lens** PC clear UV400  
 2C-1,2 W1FTKN CE



**Art. No.** 9164187  
**Coating** uvex supravision plus oil & gas  
**Standard** EN 166, EN 170  
**Colour** black, grey  
**Lens** PC clear UV400  
 2C-1,2 W1FTKN CE



**Art. No.** 9164246  
**Coating** uvex supravision excellence, sunglare filter  
**Standard** EN 166, EN 172  
**Colour** neon orange, black  
**Lens** PC grey 23% UV400  
 5-2,5 W1FTKN CE

## uvex astrospec 2.0

**Frame:** W 166 FT CE  
**Weight:** 42g

These classic safety spectacles feature a flat lens for a wide field of vision and ergonomically shaped side arms with multi-incline points for a customized fit across various facial shapes and head widths. Soft-grip temple ends and a nose bridge designed for all-day comfort and pressure-free fit. The robust polycarbonate lens, enhanced with uvex's proven supravision coating technology, offers permanent anti-fog and scratch-resistant protection, along with UV400.



**Art. No.** 9161005  
**Coating** uvex supravision sapphire  
**Standard** EN 166, EN 170  
**Colour** blue, black  
**Lens** PC clear UV400  
 2C-1,2 W1FK CE



**Art. No.** 9161305  
**Coating** uvex supravision plus  
**Standard** EN 166, EN 170  
**Colour** blue, black  
**Lens** PC clear UV400  
 2C-1,2 W1FKN CE

## uvex 9161 wraparound

**Frame:** W 166 F CE  
**Weight:** 46g

These robust, metal-free overspecs for prescription wearers feature a flat lens for a wide field of vision, side arms with multi-incline points and length adjustment for a customized fit, and soft-grip temple ends for pressure-free comfort and a stable fit. The nose bridge ensures all-day comfort, while the polycarbonate lens with uvex supravision coating provides permanent anti-fog, scratch resistance, and 100% UV400 protection.



**Art. No.** 9175260  
**Coating** uvex supravision excellence adjustable side arm  
**Standard** EN 166, EN 170  
**Colour** blue, grey  
**Lens** PC clear UV400  
 2C-1,2 W1FKN CE



**Art. No.** 9175261  
**Coating** uvex supravision excellence sunglare filter adjustable side arm  
**Standard** EN 166, EN 172  
**Colour** blue, grey  
**Lens** PC grey 23% UV400  
 5-2,5 W1FKN CE

## uvex skyguard NT

**Frame:** W 166 34 F CE  
**Weight:** 42g

These spectacles offer all-round protection with an injection-molded, soft TPU seal against flying particles, dust, and splash (protection class 3 for liquids and 4 for coarse dust particles). They provide reliable protection with a customized fit through multi-level side arm lengths and a flexible soft component that adapts to the wearer's face contours.

## uvex UV400

100% UV protection. 100% safety. 100% uvex.

**The EN166/170 standard requires safety eyewear to provide UV protection up to 380 nm. The latest scientific findings show that this is not enough. The WHO recommends UV protection up to 400 nm.**

### uvex UV400 — included in all uvex safety eyewear

Whether you choose clear or tinted lenses, all uvex safety spectacles are equipped with uvex UV400 effective UV protection as standard — as well as pleasant wearer comfort, a sporty design and top-quality lens coatings.

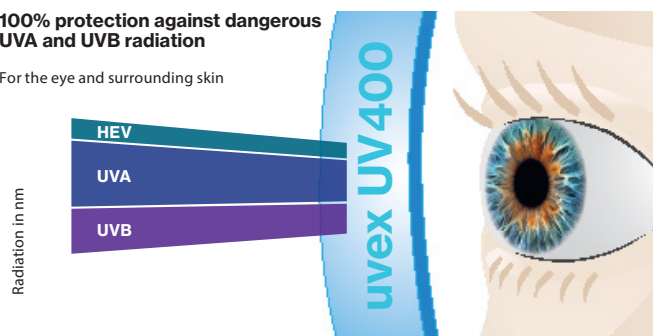
### Even without sun, UV rays can still put strain on the eye

When working outdoors, your eyes are regularly exposed to harmful UV radiation — even when it is cloudy. The result: using insufficient protection risks may cause dangerous long-term damage such as corneal injury, cataracts and blindness.

uvex UV400 not only filters 100% of UVA rays (20% still passes through 380 nm lenses), it also completely minimises temperature-induced cell changes — a factor which increases tenfold in the percentage of total cell damage in the range from 380 to 400 nm. In addition, the dangerous, damaging blue light content (HEV), which is also harmful to the retina, is reduced by 15%.

### 100% protection against dangerous UVA and UVB radiation

For the eye and surrounding skin



uvex UV400 offers complete protection against UVA and UVB radiation as well as high-energy visible light (HEV) up to a wavelength 400 nm.

## Safety Eyewear

### uvex carbonvision

**Frame:** W 166 34 B CE  
**Weight:** 46g



**Art. No.** 9307375  
**Coating** uvex supravision extreme  
**Standard** EN 166, EN 170  
**Colour** black, grey  
**Lens** PC clear UV400  
2-1,2 W 1 BKN CE

These low-profile wraparound goggles, weighing just 46 grams, are highly compatible with other PPE, featuring a close-fitting frame and high mechanical strength (B: 120 m/s).

### uvex u-sonic

**Frame:** W 166 34 B CE  
**Weight:** 69g



**Art. No.** 9308145  
**Coating** uvex supravision plus  
**Standard** EN 166, EN 170  
**Colour** anthracite, green  
**Lens** PC clear UV400  
2C-1.2 W1 BKN CE

These small, compact, and lightweight goggles feature a soft, flexible face seal that naturally adapts to any facial shape. The length-adjustable textile headband ensures a secure, customized fit, while the indirect ventilation system maintains a comfortable climate around the eyes. The robust polycarbonate lens, coated with uvex's proven supravision technology, offers permanent anti-fog and scratch resistance, along with 100% UV400 protection. Compatible with other PPE and metal-free.

### uvex megasonic

**Frame:** W 166 34 BT CE  
**Weight:** 96g



**Art. No.** 9320415  
**Coating** uvex supravision ETC  
**Standard** EN 166, EN 170  
**Colour** anthracite, blue  
**Lens** PC clear UV400  
2C-1.2 W1 BTKN CE

These ski-style safety goggles offer a panoramic field of vision with a frameless lens for edge-to-edge clarity and increased safety. The soft, adaptive face seal ensures a comfortable, pressure-free fit, even over prescription glasses. Key features include indirect ventilation, an adjustable textile headband, and a robust polycarbonate lens with uvex supravision coating for anti-fog and scratch resistance. They provide 100% UV400 protection, are metal-free, and have replaceable lenses and headbands for sustainability.

### uvex ultravision

**9301605**  
**Frame:** W 166 34 BT CE  
**Weight:** 131g



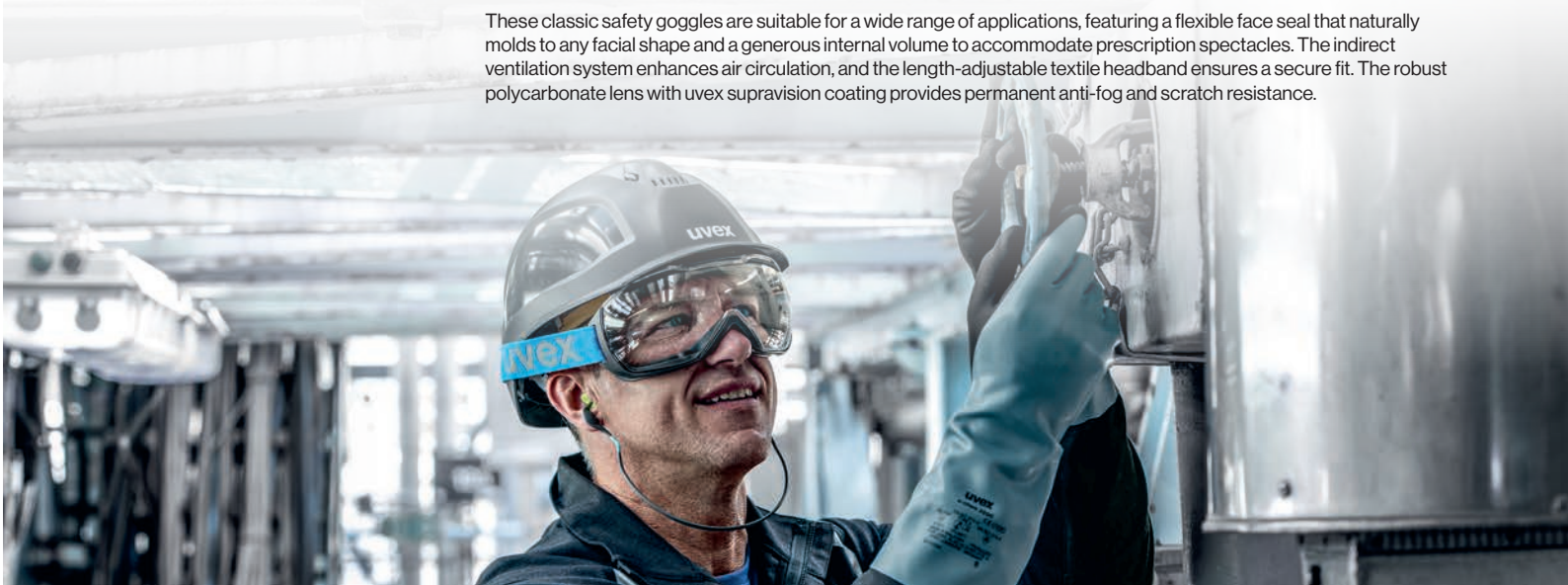
**Art. No.** 9301605  
**Coating** uvex supravision plus  
**Standard** EN 166, EN 170  
**Colour** transparent grey  
**Lens** PC clear UV400  
2C-1.2 W1 BTKN CE

**9301714**  
**Frame:** W 166 34 F CE  
**Weight:** 116g



**Art. No.** 9301714  
**Coating** Anti-fog oninside  
**Standard** EN 166, EN 170  
**Colour** transparent grey  
**Lens** CA clear UV380  
2C-1.2 W1 FN CE

These classic safety goggles are suitable for a wide range of applications, featuring a flexible face seal that naturally molds to any facial shape and a generous internal volume to accommodate prescription spectacles. The indirect ventilation system enhances air circulation, and the length-adjustable textile headband ensures a secure fit. The robust polycarbonate lens with uvex supravision coating provides permanent anti-fog and scratch resistance.



# Safety Eyewear - Welding

**uvex IR-ex**  
safety eyewear



100% **UV400** protection

Durable **uvex supervision coating**:  
K — extremely scratch-resistant on the outside  
N — permanently anti-fog on the inside

Additional T certification on lens and side arm  
**Mechanical strength F at extreme temperatures**

**Multi-standard compliant:**  
EN171, EN169, JIS T8141, ANSI/ISEA Z87.1

Available in **three protection levels 1.7/3/5**



**Maximum high transmission** in visible spectrum

## Levels of infrared protection and recommendations for use according to EN 171

Level of protection	Recommended use in accordance with EN 171
4-1.7	average temperature of the radiation source up to 1090°C
4-3	average temperature of the radiation source 1190°C (forges and glass blowing)
4-5	average temperature of the radiation source 1390°C (steel foundries)

### uvex pheos cx2

**Frame:** W 166 FT CE  
**Weight:** 28g



**Art. No.** 9198171  
**Coating** uvex infradur plus infradur protection level 1.7  
**Standard** EN 166, EN 171, EN 170  
**Colour** black,red  
**Lens** PC grey IR-ex 1.7  
UV400 + IR  
4C-1.7 W1FTKN CE  
2C-1.7 W1FTKN CE



**Art. No.** 9198173  
**Coating** uvex infradur plus infradur protection level 3  
**Standard** EN 166, EN 171, EN 170  
**Colour** black,red  
**Lens** PC grey IR-ex 3  
UV400 + IR  
4C-3 W1FTKN CE  
2C-3 W1FTKN CE



**Art. No.** 9198175  
**Coating** uvex infradur plus infradur protection level 5  
**Standard** EN 166, EN 171, EN 170  
**Colour** black,red  
**Lens** PC grey IR-ex 5  
UV400 + IR  
4C-5 W1FTKN CE  
2C-5 W1FTKN CE

Impact resistant PC lens / permanent anti-fog and scratch resistant coatings / IR protection / Gas welding protection / Perfect colour recognition / 100% UV400 / Metal Free

### uvex super f OTG

**Frame:** W 166 FT CE  
**Weight:** 39g



**Art. No.** 9169171  
**Coating** uvex infradur plus infradur protection level 1.7  
**Standard** EN 166, EN 171, EN 170  
**Colour** black,red  
**Lens** PC grey IR-ex 1.7  
UV400 + IR  
4C-1.7 W1FTKN CE  
2C-1.7 W1FTKN CE



**Art. No.** 9169173  
**Coating** uvex infradur plus infradur protection level 3  
**Standard** EN 166, EN 171, EN 170  
**Colour** black,red  
**Lens** PC grey IR-ex 3  
UV400 + IR  
4C-3 W1FTKN CE  
2C-3 W1FTKN CE



**Art. No.** 9169175  
**Coating** uvex infradur plus infradur protection level 5  
**Standard** EN 166, EN 171, EN 170  
**Colour** black,red  
**Lens** PC grey IR-ex 5  
UV400 + IR  
4C-5 W1FTKN CE  
2C-5 W1FTKN CE

Impact resistant PC lens / permanent anti-fog and scratch resistant coatings / IR protection / Gas welding protection / Perfect colour recognition / 100% UV400 / OTG.

## Safety Eyewear - Welding

### Levels of welding protection and recommendations for use according to EN 169

Level of protection	Recommended usage according to EN 169
1.7	Protection against UV radiation and bright scattered light –for welding assistants
3	Lightweight oxyacetylene cutting, Flame de-rusting, flame cutting, lightweight oxyacetylene cutting
5	Welding and hard soldering with up to 70 l/h of acetylene, flame cutting with up to 900 l/h of oxygen, steel and grey cast iron welding, lightweight oxyacetylene cutting. Welding and hard soldering with 70 to 200 l/h of acetylene, flame cutting with 2000 to 4000 l/h of oxygen

### uvex i-5

**Frame:** W 166 FT CE  
**Weight:** 29g



**Art. No.** 9183041  
**Coating** uvex infradur plus welding protection level 1.7  
**Standard** EN 166, EN 169  
**Colour** black, green  
**Lens** PC grey UV400 + IR 1.7 W1FTKN CE



**Art. No.** 9183043  
**Coating** uvex infradur plus welding protection level 3  
**Standard** EN 166, EN 169  
**Colour** black, green  
**Lens** PC grey UV400 + IR 3 W1FTKN CE



**Art. No.** 9183045  
**Coating** uvex infradur plus welding protection level 5  
**Standard** EN 166, EN 169  
**Colour** black, green  
**Lens** PC grey UV400 + IR 5 W1FTKN CE

Impact resistant PC lens / customisable adjustability / Brow shield / permanent anti-fog and scratch resistant coatings / Gas welding protection / Perfect colour recognition / 100% UV400 / Metal Free

### uvex super f OTG

**Frame:** W 166 FT CE  
**Weight:** 39g



**Art. No.** 9169543  
**Coating** uvex infradur plus welding protection level 3  
**Standard** EN 166, EN 169  
**Colour** black, green  
**Lens** PC grey UV400 + IR 3 W1FTKN CE



**Art. No.** 9169545  
**Coating** uvex infradur plus welding protection level 5  
**Standard** EN 166, EN 169  
**Colour** black, green  
**Lens** PC grey UV400 + IR 5 W1FTKN CE

Impact resistant PC lens / permanent anti-fog and scratch resistant coatings / Gas welding protection / Perfect colour recognition / 100% UV400 / OTG.

### uvex megasonic

**Frame:** W 166 34 BT CE  
**Weight:** 96g



**Art. No.** 9320045  
**Coating** uvex infradur plus welding protection level 5  
**Standard** EN 166, EN 169  
**Colour** black  
**Lens** PC grey UV400 + IR 5 W1BTKN CE

impact resistant PC lens / Indirect ventilation system / adjustable headband / permanent anti-fog and scratch resistant coatings / Gas welding protection / Perfect colour recognition / 100% UV400 / metal free / OTG.

### uvex ultrasonic

**Frame:** W 166 34 B CE  
**Weight:** 123g



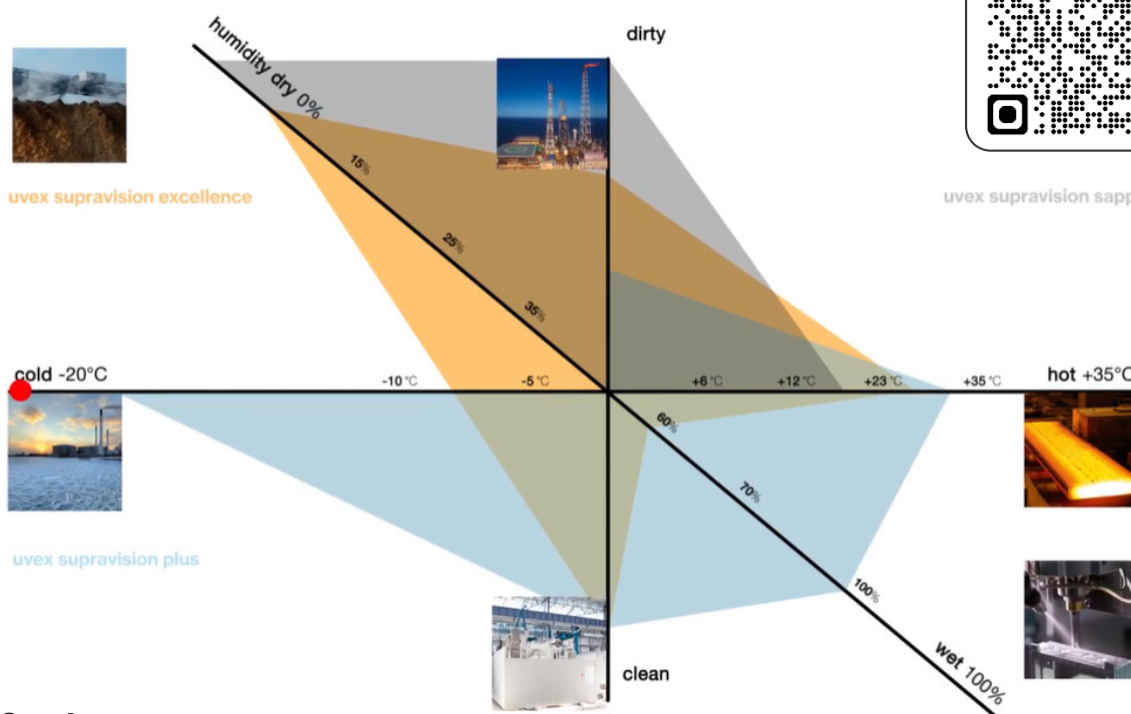
**Art. No.** 9302045  
**Coating** uvex supravision excellence with flip-up and easily replaceable filter uvex infradur plus, welding protection level 5  
**Standard** EN 166, EN 169, EN 170  
**Colour** black, green  
**Lens** PC clear UV400 / PC grey UV400 + IR 2C-1.2 W1BKN CE / 5 W1CE

Impact resistant PC lens / Indirect ventilation system / adjustable headband / permanent anti-fog and scratch resistant coatings / Gas welding protection / Perfect colour recognition / 100% UV400 / metal free / OTG.

# Support programmes: Eyewear

One of the key success factors in safety eyewear, is to ensure a fit-for-purpose, premium coating. Mining conditions are demanding and diverse, which makes it critical to choose the correct coating for specific environmental conditions.

At uvex, our in-house, premium coatings exceed international standards, and we have a range of different coatings to ensure we cater for all the different conditions. Below is a guide to assist with choosing the correct uvex coating.



## Core Coatings



### uvex supravision sapphire

Coated lenses are extremely scratch resistant on both sides and offer excellent resistance to chemicals. The coating system, which has been enhanced using nanotechnology, offers significantly increased non-stick properties and subsequently are easier to clean. Aqueous and oily dirt can be removed effortlessly.



### uvex supravision excellence

Coated lenses are anti-fog on the inside, while the outside offers extreme scratch and chemical resistance. The anti-fogging properties are permanent even after repeated cleaning. The lenses are also easy to clean and less susceptible to dirt due to the non-stick nanotechnology.



### uvex supravision plus

Coated lenses have advanced anti-fog performance on both sides, scratch-resistant and antistatic. The anti-fogging properties are permanent, even after being repeatedly cleaned. This lens coating is suitable for areas with high humidity.

<b>Inside lens</b>	Anti-scratch	Anti-fog	Anti-fog / Anti-scratch
<b>Outside lens</b>	Anti-scratch	Anti-scratch	Anti-fog / Anti-scratch

uvex safety has a variety of product assistants available to support you in your PPE journey. For more information about the different tools available, scan the QR codes below.



**Safety Eyewear Application recommendations:**

Select the correct model, lens material, tint and coating based on a list of 16 predefined common sector applications.



**Safety Eyewear Application recommendations:**

Select the correct model, lens material, tint and coating based on a list of 16 predefined common sector applications.



**Safety Eyewear Configurator:**

Step into the world of design and customise your own uvex eyewear to match your company's corporate colours and include your logo.



**Lens Coatings Advisor:**

Unique tool to select the correct safety eyewear using three application inputs: cleanliness, humidity and temperature.



**Case Study**

South African mining conditions can be demanding on eye protection. Only the very best quality can deliver on both safety and performance.

uvex lenses have a proven track record in the SA mining sector for reducing injuries. Trust the market leader in scratch resistance and anti-fog performance.

**SA mining sector entrusts uvex to achieve their goal of ZERO reported eye injuries.**

**View our local case study here.**



# Hearing Protection

**“Noise-induced hearing loss has displaced tuberculosis and silicosis as the top priority health threat in the South African mining industry.”**

Dr Thuthula Balfour (Head of Health: Minerals Council South Africa), African Mining Indaba Cape Town, 2024



## uvex x-fit

**Norm:** EN 352-2:2020  
**SNR:** 37 dB



**Art. No.** 2112001  
**Version** medium / large size without cord  
**Colour** lime



**Art. No.** 2113014  
**Version** medium / large size with cord  
**Colour** lime



**Art. No.** 2112003  
**Version** medium / large size refills  
**Colour** lime

The ergonomically pre-shaped uvex x-fit disposable earplugs provide very strong insulation and are suitable for use in extremely loud environments. The soft foam of the earplugs provides a high level of comfort, even when worn for extended periods.

## uvex com4-fit

**Norm:** EN 352-2:2020  
**SNR:** 33 dB



**Art. No.** 2112004  
**Version** small size without cord  
**Colour** light orange



**Art. No.** 2113027  
**Version** small size with cord  
**Colour** light orange



**Art. No.** 2112006  
**Version** small size refills  
**Colour** light orange

With its compact, ergonomically pre-shaped design, the uvex com4-fit is comfortable for wearers with narrower ear canals. The uvex com4-fit has a sealed surface, preventing foreign bodies from penetrating the plug. The soft foam provides a high level of comfort, even when worn for extended periods.

## uvex dispenser “one2click”

**Art. No.** 2112000



Easy-to-use, robust wall-mounted dispenser. Easy installation and a controlled release mechanism which ensures the correct number of plugs are dispensed. The audible “one 2 click” system prevents over supply.

# Hearing Protection

## uvex whisper

**Norm:** EN 352-2:2020  
**SNR:** 23 dB



**Art. No.** 2113002  
**Version** small size with cord  
**Colour** orange



**Art. No.** 2113004  
**Version** small size with cord and container  
**Colour** orange

Earplugs are often used in dirty work environments. This means that particles can easily stick to the surface of materials and cause minor injuries to the wearer's ears. The smooth and dirt-repellent surfaces of the uvex whisper, whisper+ and whisper supreme earplugs can easily be cleaned with soap and water. This increases wearer comfort and safety for the user.

## uvex whisper supreme

**Norm:** EN 352-2:2020  
**SNR:** 30 dB



**Art. No.** 2111900  
**Version** large size with cord  
**Colour** yellow



**Art. No.** 2113010  
**Version** large size with cord and container  
**Colour** yellow

Earplugs are often used in dirty work environments. This means that particles can easily stick to the surface of materials and cause minor injuries to the wearer's ears. The smooth and dirt-repellent surfaces of the uvex whisper, whisper+ and whisper supreme earplugs can easily be cleaned with soap and water. This increases wearer comfort and safety for the user.

# Hearing protection otoplastics

**Customised moulded hearing protection devices, made for the individual.**  
**Available in two fixed filter options: SNR28dB or SNR32dB**

## uvex high-fit duro

**Norm:** EN 352-2  
**Art. No.** 6170828  
**SNR:** 28 dB  
**Art. No.** 6170832  
**SNR:** 32 dB



**Art. No.** 6170828  
**HML value** H 32 dB; M 24 dB; L 18 dB  
**Colour** transparent



**Art. No.** 6170832  
**HML value** H 33 dB; M 29 dB; L 27 dB  
**Colour** transparent

These otoplastic hearing protectors are individually adjusted to the ear canal and made from dimensionally stable duroplast material. Fully silicone-free. They provide optimal protection with a perfect fit and high wearer acceptance, available in different filter strengths. The smooth, even surface ensures easy handling with a comfortable grip, and the antibacterial nano-coating enhances hygiene.



# Hearing Protection

## uvex K-series earmuffs

**Norm** DIN EN 352-1  
**Design** with padded headband



**uvex K1**  
**Art. No.** 2600001  
**SNR** 28 dB  
**Colour** black, green  
**Weight** 180g



**uvex K2**  
**Art. No.** 2600002  
**SNR** 32 dB  
**Colour** black, yellow  
**Weight** 217g



**uvex K3**  
**Art. No.** 2600003  
**SNR** 33 dB  
**Colour** black, red  
**Weight** 297g



**uvex K4**  
**Art. No.** 2600004  
**SNR** 35 dB  
**Colour** neon lime  
**Weight** 356g

The new line of uvex K protective earmuffs – offers an impressive combination of high levels of protection combined with great design: Thanks to their soft surfaces, the earmuffs are easy to mould and comfortable to wear due to their low weight.

## uvex K200 earmuff

**Norm:** DIN EN 352-1  
**Design** with 360° rotatable headband



**Art. No.** 2600200  
**SNR** 28 dB  
**Colour** black, ochre  
**Weight** 173g

These dielectric ear muffs are designed for workplace environments with electrical voltage exposure. They feature an adjustable headband for a perfect fit and optimum protection, and the 360° capsule rotation allows for a range of positions to ensure a customized fit.

## uvex K-series helmet earmuffs

**Norm** DIN EN 352-3  
**Design** dielectric helmet earmuffs for 30mm Euroslot



**uvex K10H**  
**Art. No.** 2630210  
**SNR** 28 dB  
**Colour** black, green  
**Weight** 216g



**uvex K20H**  
**Art. No.** 2630220  
**SNR** 30 dB  
**Colour** black, yellow  
**Weight** 263g



**uvex K30H**  
**Art. No.** 2630230  
**SNR** 34 dB  
**Colour** black, red  
**Weight** 420g

These dielectric earmuffs can be directly attached to helmets with a 30 mm Euroslot. The earmuffs can be quickly and easily moved into the operating, standby and resting positions with a rotate and swivel motion. The memory foam sealing pads create an excellent seal and fit around the head.

## Hearing Protection

### uvex aXess one

safe. active. connected.

Active Bluetooth® earmuffs



#### uvex aXess one earmuffs

**Art. No.** 2640001  
**Version** active earmuffs with Bluetooth®

**Norm** EN 352-1:2020/EN 352-3:2020/  
EN 352-4:2020/EN 352-6:2020

**SNR** 31 dB  
**Weight** 360g

#### uvex aXess one helmet earmuffs

**Art. No.** 2640201  
**Version** active helmet earmuffs with Bluetooth®

**Norm** EN 352-1:2020/EN 352-3:2020/  
EN 352-4:2020/EN 352-6:2020

**SNR** 25 dB  
**Weight** 309g



uvex helmet adapter  
Art. No. 2599994



# Support programmes: Hearing

People's hearing form such an important role in their lives, and too often the need for adequate protection and after-sales support is overlooked.

At uvex, we've ensured our products, training, e-learning and fitment programmes deliver a comprehensive, end-to-end service offering for our customers.

## 10 Reasons to trust uvex safety South Africa with your hearing protection safety programme:

1

### QUALITY:

World leading manufacturing of hearing protection devices of the highest quality and accurate attenuation.

2

### SA LOCAL CONTENT:

We have been manufacturing HPDs in South Africa for decades.

3

### STANDARDS AND REGULATIONS:

All uvex HPDs meet the highest local and international standards and corresponds to the applicable essential health and safety requirements which are contained in the PPE Regulation (EU) 2016/425.

4

### TRAINING:

Free annual hearing conservation training programme compliant to local Occ. Health and Safety Act regulations. Offered electronically via eLearning or in person on-site in several local languages. Individual certification for compliance provided on completion.



5

### COMMUNITY SUPPORT:

uvex safety SA partners up with Mental Health organisations in SA to assemble and package our product before shipping it off to the end user. In doing so we provide employment to individuals who otherwise battle to generate an income.

6

### ACCURATE FIT TESTING SOLUTION:

The xact-fit hearing protection fit-testing system.

7

### ON-SITE SUPPORT:

A personal on-site service with a national footprint throughout SA.

8

### ZERO HARMFUL SUBSTANCES:

Reduce ear canal and skin irritations. All our HPDs are 100% free from harmful substances.

9

### SUSTAINABILITY:

Our ISO 14001 certified production plant SWEDSAFE is the most sustainable hearing protection factory in the world. Using 100% renewable energy sources to power product. ZERO fossil fuels are used.



10

### COMPLETE RANGE:

Standardise your entire workforce onto uvex products as a one-stop solution offering all product types incl.: Disposable HPDs, Reusable HPD's Banded Earplugs, Dispenser Solutions, Detectable HPDs, Dielectric HPDs, Earmuffs, Helmet clip-in earmuffs, Electronic Communication Earmuffs, Customised Moulded Earplugs.



### Hearing Protection Advisor:

Calculate the required SNR level, learn how to use and handle different types of hearing protection, use the "Hearing Wheel" to instantly identify a product that meets your attenuation requirement and more.

## uvex xact-fit test

### Hearing Protection Fit-Testing System

uvex xact-fit delivers one of the most robust and efficient fit-testing systems on the market – helping you understand exactly how much protection you're receiving from your Hearing Protection Device, regardless of brand or model. This innovative portable kit comes with Bluetooth headphones and tablet for a cordless, quick set-up that can be used anywhere, complete with a carrying case.



### uvex xact-fit test

Art. No. 2124099

Pre-installed software and cloud storage on the tablet allow for automatic upload of information and results, easy access to files on multiple devices, and increased security. Fit-testing workers for proper hearing protection has never been so easy.

### How uvex xact-fit works

The uvex xact-fit System was created with the user's experience in mind – as the most portable and easy-to-use system on the market.

Using the Real Ear Attenuation at Threshold (REAT), users undergo a series of tests where they must determine their Hearing Threshold score, both with and without hearing protection.

This is the lowest volume at which a sound can be detected, and it is different for every person.

The difference between the two scores determines their Personal Attenuation Rating (PAR), which represents the amount of protection they are receiving based on how they fit their earplug.

**\*Certain Terms and Conditions apply for the sale of this product. Contact uvex for more information.**

## FREE OHS Act Compliant Hearing Conservation Training

uvex safety is all about protecting people and has consulted with occupational hygienists, audiologists and local South African government to create a free online eLearning hearing conservation training module for all customers to protect their employees, achieve training compliance on record, and ultimately prevent NIHL injuries in the organisation.

The training content is local, covers all criteria stipulated by the OHS Act (85 of 1993), NIHL regulations and produces individual certificates per employee by Name, Surname, Company Name and Identity Number upon completion. The training takes approx. 25min to complete and should be retaken annually by all employees exposed to high noise levels as determined by your noise assessment. The training is completely free to all uvex safety hearing protection customers. All you need to do is register and a link will be emailed to you with access to the eLearning Module.

**The uvex eLearning hearing conservation training is available in English and Zulu.**



### E-Learning:

Register for OHS Compliant Hearing Conservation Training

# Head Protection

## uvex pheos B

**Brim** long brim  
**Material** HDPE  
**Standard** EN 397



**Features:**

- meets EN 397 and SABS / SANS 1397 standards for – Industrial safety helmets
- four-year usage lifespan from date of issue.
- locally assembled.
- slots for visors, earmuffs and lamps.
- three variable air vents for maximum ventilation
- six-point textile band attachment and front soft sweat band ensures optimal fit and comfort.
- tests passed in accordance with EN std: shock absorption, penetration resistance, flame resistance, chin strap attachment testing, very low temperatures (-30 °C) and molten metal (MM) splash.

with wheel ratchet system

with conventional suspension harness system

Colour Ar. No.	Colour Ar. No.
9772030	9772020
9772130	9772120
9772230	9772220
9772330	9772320
9772430	9772421
9772530	9772520

## Local DMR approval for underground and opencast workings

### Helmet Accessories



uvex helmet attachment earmuffs



sweatband  
Art. No. 9760006



leather chinstrap  
Art. No. 97900052



Integrated Eyewear System (IES)



forked chinstrap  
Art. No. 9790021



helmet clip cable guide  
Art. No. 9790037

## uvex pheos alpine

**Brim** short brim  
**Material** HDPE  
**Standard** EN 397  
 EN 12492

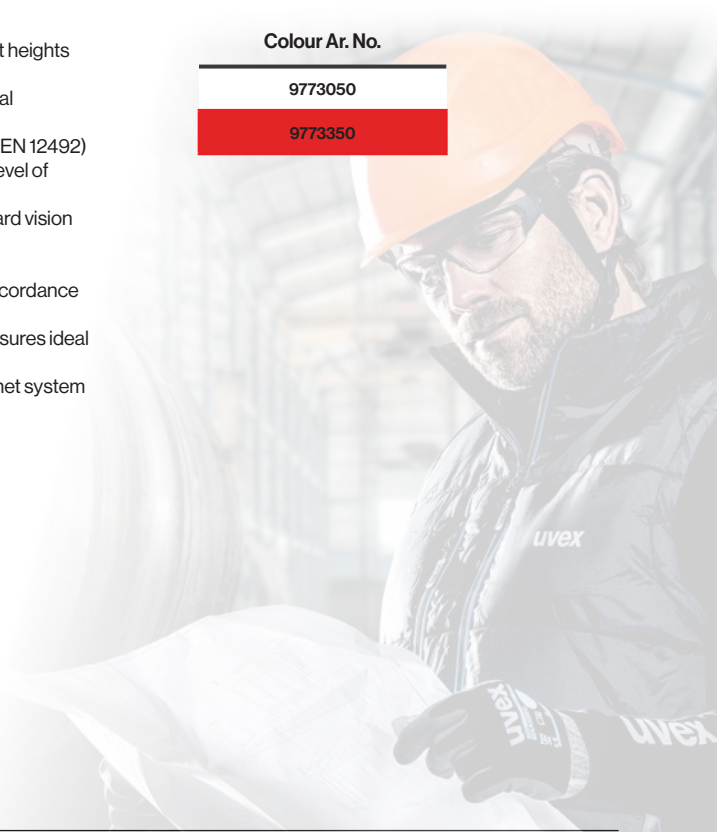


**Features:**

- multifunctional helmet for working at heights and rescue operations
- combines the features of an industrial protection helmet (EN 397) with the requirements for a climbing helmet (EN 12492)
- light ABS helmet shell offers a high level of protection and durability
- shorter brim for a wider field of upward vision
- slots for visors, earmuffs and lamps.
- air vents
- firmly riveted chin strap for use in accordance with EN 12492
- six-point textile band attachment ensures ideal fit and great comfort
- suspension harness with wheel ratchet system for variable width adjustment

Colour Ar. No.

9773050
9773350



# Head Protection

## uvex u-cap sport

**Brim** long brim  
**Material** ABS and textile  
**Standard** EN 812  
**Sizes** 55 to 59 cm (Art. No. 9794401)  
 60 to 63 cm (Art. No. 9794402)



**Features:**

- in areas where EN397 helmets are not compulsory, head protection can significantly reduce the risk of injury. And with this innovative bump cap, your employees will look sporty and stylish as they go about their work.
- multifunctional head protection for a wide range of applications.
- removable inner impact shell in accordance with EN812 is well vented for use in hot and humid environments and flexible for maximum comfort.
- long brim for additional UV shelter or short brim for use within confined spaces.
- velcro adjustable for the perfect fit.

## uvex u-cap sport vent

**Brim** short brim  
**Material** ABS and textile  
**Standard** EN 812  
**Sizes** 55 to 59 cm (Art. No. 9794420)  
 60 to 63 cm (Art. No. 9794421)



# Safety helmets to match your corporate identity

Helmets with personality

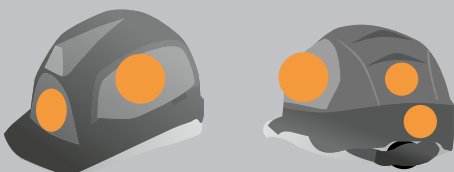
Give your team an unmistakable image: uvex gives you the option to customise all uvex helmets and bump caps so that your employees' equipment matches your corporate identity specifications.

### Branding Options:



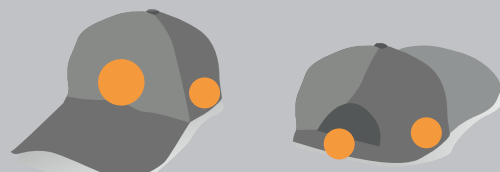
**Logo Stickers:**

Areas for logo sticker placement



**Embroidery:**

Areas that can be embroidered based on uvex u-cap sport



# Respiratory Protection

## uvex FFP2

**Norm** EN149 NR D  
**Design** preformed mask



**uvex silv-air 2200**  
**Art. No.** 8762200  
**Version** without valve  
**Colour** white  
**NRCS/8072/0438**



**uvex silv-air 2210**  
**Art. No.** 8762210  
**Version** with valve  
**Colour** white  
**NRCS/8072/0437**



**uvex silv-air 2220**  
**Art. No.** 8762220  
**Version** with valve and carbon  
**Colour** silver  
**NRCS/8072/0435**

This particle-filtering preformed mask features a seamless headband and flexible, adjustable nose clip for a comfortable and secure fit, along with a sealing lip in the nose area. Models 2210 and 2220 include an exhalation valve to reduce heat, humidity, and breathing resistance. The 2220 model also has an activated carbon filter for protection against odors, gases, and vapors below threshold levels.

## uvex FFP3

**Norm** EN149 NR D  
**Design** preformed mask



**uvex silv-air 2310**  
**Art. No.** 8762310  
**Version** with valve  
**Colour** white  
**NRCS/8072/0443**



**uvex silv-air 2320**  
**Art. No.** 8762320  
**Version** with valve and carbon  
**Colour** silver  
**NRCS/8072/0445**

The 2310 and 2320 particle-filtering preformed masks, designed for larger face shapes, feature a four-point headband attachment and flexible, adjustable nose clip for a comfortable, secure fit. They include a very soft, all-around sealing lip for optimal wearer comfort and a secure fit. The exhalation valve reduces heat, humidity, and breathing resistance. The 2320 model also has an additional activated carbon filter to protect against odors, gases, and vapors below threshold values.

## uvex FFP2

**Norm** EN149 NR D  
**Design** folding mask



**uvex silv-air 3200**  
**Art. No.** 8763200  
**Version** without valve  
**Colour** white  
**NRCS/8072/0441**



**uvex silv-air 3210**  
**Art. No.** 8763210  
**Version** with valve  
**Colour** white  
**NRCS/8072/0439**



**uvex silv-air 3220**  
**Art. No.** 8763220  
**Version** with valve and carbon  
**Colour** silver  
**NRCS/8072/0440**

This particle-filtering folding mask features a seamless headband and flexible, adjustable nose clip for a secure fit, along with a comfortable sealing lip in the nose area. Models 3210 and 3220 include an exhalation valve to reduce heat, humidity, and breathing resistance. The 3220 model also has an additional activated carbon filter for protection against odors, gases, and vapors below threshold levels.

## uvex FFP3

**Norm** EN149 NR D  
**Design** folding mask



**uvex silv-air 3310**  
**Art. No.** 8763310  
**Version** with valve  
**Colour** white  
**NRCS/8072/0446**

This particle-filtering folding mask features an exhalation valve and an adjustable headband with a flexible, adjustable nose clip for a comfortable, secure fit. It also includes a comfortable, all-around sealing lip and an exhalation valve to reduce heat, humidity, and breathing resistance.

# Support programmes: Respiratory

Since Covid, our industry has been flooded with inadequate, sub-standard disposable products, leaving our workers unprotected.

At uvex, our range of cup-and-flat fold masks, conforms to local standards, but we also ensured our products are tested and passed in line with the stringent, latest EN149:2016 standard.



Activity	Harmful substances	Protection class		
		FFP1	FFP2	FFP3
<b>Wood processing</b>				
Softwood: cutting and sanding	Fine particles, wood dust		■	
Hard wood (oak, beech, tropical woods, etc.): cutting and sanding	Fine particles, wood dust			■
Brushing/sanding paint	Fine colour particles		■	
Brushing/sanding paint (paints containing chrome)	Fine colour particles			■
Soluble paints containing copper/chrome/arsenic	Fine paint mist			■
<b>Construction and ancillary building industry</b>				
Cement work, plastering, tiling, roofing	Cement, plaster, tile or brick dust		■	
Masonry: cutting, drilling, demolition			■	
Asbestos: short periods of work	Fibres			■
Roof insulation: glass and mineral fibres	Dust and fibres		■	
Bodyfillers/stopper: Grinding	Dust		■	
<b>Welding</b>				
Welding aluminium and stainless steel	Metal and aluminium oxide fumes			■
Brazing	Fumes			■
<b>Metalwork</b>				
Metal: drilling, grinding, milling, angle grinding	Metal dust		■	
High-alloy steels and stainless steels: drilling, grinding, milling, angle grinding	Metal dust			■
<b>Waste disposal and cleaning</b>				
Refuse separation and disposal	Dust, fungi		■	
Medical waste disposal	Bacteria, spores			■
Sweeping floors	Dust (non-toxic)	■		
Radioactively contaminated particles	Dust			■
<b>Agriculture</b>				
Animal epidemics and treatment of animals with diseases	Bacteria, viruses			■
Work with fungal spores	Spores			■
Work with hay, grain and flour	Dust	■		
<b>Medicine/care/health</b>				
Allergies, pollen, household dust, animal fur	Dust, particles, spores		■	
Bacteria, viruses, infections, legionella bacteria	Bacteria, viruses			■



**Mask fitment:**

Do you know how to fit your mask correctly?  
Download our mask fitment guide here.

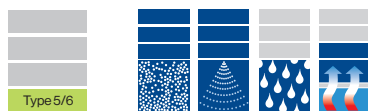


# Disposable Protective Clothing

## uvex type 5/6 classic

**Norm:** EN 14126, ISO 13982-1 – type 5  
EN 13034 – type 6  
EN 1149-5  
EN 1073-2

Certified in acc. with



**Art. No.** 98449  
**Material** polypropylene spunbond, laminated with polyethylene film  
**Colour** white  
**Sizes** S - 3XL

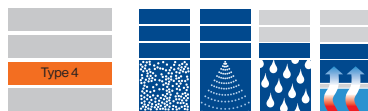
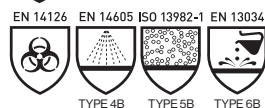
The uvex type 5/6 classic coverall features an extremely lightweight and breathable material for optimal comfort and safety, with a skin-friendly, soft non-woven interior. It includes a self-adhesive zipper flap for enhanced protection and an elasticated waistband, hood, arms, and legs for a perfect fit, along with middle finger loops to prevent sleeves from sliding up the arm.

- Areas of application:**
- handling chemicals in dust and powder form
  - varnishing and protection against paint splashes
  - fibreglass production and processing
  - industrial cleaning and maintenance
  - automotive industry
  - grinding and polishing
  - cement manufacture
  - mining and quarrying
  - demolition and refurbishment
  - working with asbestos
  - wood and metal processing
  - construction industry
  - pharmaceutical industry

## uvex type 4B

**Norm:** EN 14126  
EN 14605 – type 4B  
ISO 13982-1 – type 5B  
EN 13034 – type 6B  
EN 1149-5  
EN 1073-2

Certified in acc. with



**Art. No.** 98375  
**Material** polypropylene spunbond, laminated with polyethylene film  
**Colour** white, orange  
**Sizes** S - 3XL

The uvex type 4B disposable coverall features light, highly flexible material for superior comfort, lined with skin-friendly non-woven material inside. For protection, it has taped seams and a self-adhesive zipper flap. Comfort is ensured with an elasticated waistband and bands on the hood, arms, and legs, plus middle finger loops to prevent sleeve slippage.

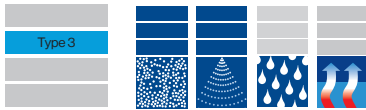
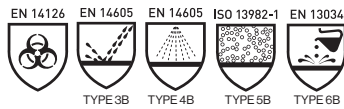
- Areas of application:**
- low-pressure industrial cleaning and building cleaning
  - ship building and automobile manufacture
  - chemical and pharmaceutical industries
  - handling paints and varnishes
  - agriculture and horticulture
  - pest control
  - electronics
  - work with asbestos and dismantling
  - remediation of contaminated sites
  - pharmaceutical industry and laboratories
  - sampling
  - livestock breeding and veterinary medicine
  - waste management
  - pharmaceutical industry

# Disposable Protective Clothing

## uvex 3B chem light

**Norm:** EN 14126  
 EN 14605 – type 3B  
 EN 14605 – type 4B  
 ISO 13982-1 – type 5B  
 EN 13034 – type 6B  
 EN 1149-5  
 EN 1073-2  
 ISO 27065 C3

Certified in acc. with



**Art. No.** 89843  
**Material** polypropylene spunbond, laminated with polyethylene film  
**Colour** white, yellow  
**Sizes** S - 3XL

The uvex 3B chem light coverall features light, highly flexible material for comfort with a skin-friendly non-woven interior, ideal for cleaning work. It offers optimal protection with a self-adhesive zipper flap and ensures a perfect fit with an elasticated waistband, hood, arms, and legs, plus middle finger loops to secure the sleeves.

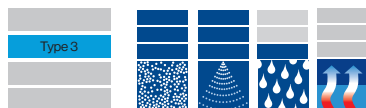
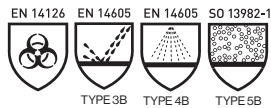
**Areas of application:**

- handling low-concentration chemicals
- industrial and building cleaning
- ship building and automobile manufacture
- chemical and pharmaceutical industries
- handling paints and varnishes
- electronics
- handling and dismantling of asbestos
- remediation of contaminated sites
- livestock breeding and veterinary medicine
- waste management

## uvex 3B chem classic

**Norm:** EN 14126  
 EN 14605 – type 3B  
 EN 14605 – type 4B  
 ISO 13982-1 – type 5B  
 EN 1149-5  
 EN 1073-2

Certified in acc. with



**Art. No.** 89880  
**Material** polypropylene spunbond, laminated with polypropylene film  
**Colour** yellow  
**Sizes** S - 3XL

The uvex type 3B chem classic disposable coverall features highly durable, lightweight material with ultrasonically welded and taped seams for maximum safety, skin-friendly textile grip inside, and protection against a wide range of chemicals. It also includes a self-adhesive zipper flap for optimal protection, and elasticated waistband, hood, arms, and legs, plus middle finger loops to prevent sleeve slippage for a perfect fit.

**Areas of application:**

- handling organic and inorganic chemicals
- cleaning and maintenance work
- chemical and pharmaceutical industries
- food industry
- remediation of soil contamination and dismantling
- industrial cleaning and maintenance
- tank cleaning
- work with paints and varnishes
- disposal of hazardous materials
- agricultural industry
- waste water treatment and drainage construction
- waste management
- disaster response and emergency services
- veterinary medicine and disease control
- oil and petrochemicals
- pharmaceutical industry

# Support programmes: Disposable Protective Clothing

Exposure to chemicals and lubricants is one of the more undervalued. Instead of a generic, all-in-one chemical glove and disposable coverall approach, we understand that each chemical requires a tested, product-specific approach, and that is what our Chemical Expert System delivers. Our gloves and coveralls are tested against specific chemicals, in line with international standards.

Our Chemical Expert System is there for you to ensure the right product is provided to ensure the worker is always adequately protected.

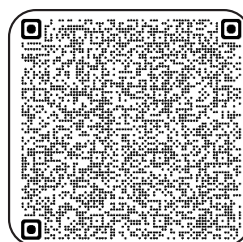


	uvex 5/6 classic	uvex 4B	uvex 3B chem light	uvex 3B chem classic
98449	98375	89843	89880	
EN 14605			■	■
EN 14605		■	■	■
EN 13034	■	■	■	
ISO 13982-1	■	■	■	■
EN 1149-5	■	■	■	■
EN 14126	■	■	■	■
EN 1073-2	■	■	■	■
ISO 27065			■	

## uvex expert system

Disposable protective clothing for use with chemicals must be selected with the greatest care. Our online advisers are here to help you with an extensive chemical database.

Register for the **uvex expert for free now**



1

## 3 pieced hood

- optimum fit
- no limitations of view
- perfect match with respirators and goggles
- soft elastic on edge, feels comfortable

2

## Zipper flap

- zipper flap with integrated self adhesive tape
- easy to gum up
- additional security

3

## Fingerloop

- finger loops made of soft elastic
- to keep the sleeves at the wrist
- additional security

4

## Elastic in waistband

- integrated elastic in waist for optimal fit
- ideal wearer comfort

5

## Elasticated bands on arms and legs

- convenient closures thanks to elastics at wrist and ankles for additional security
- soft elastic on edge for high wearer comfort

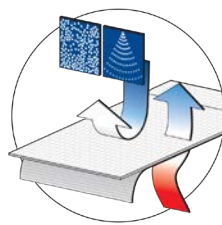


## Technologies



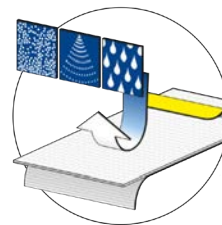
### uvex SMS

- build out of several layers of polypropylene non woven material
- Mixture of spunbond and meltblown non woven material for a perfect balance between stability and softness
- High degree on air permeability and breathability



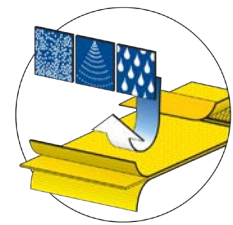
### uvex com4-Laminat

- non woven polypropylene material laminated with a microporous polyethylene film
- non woven material on the inside for a comfortable feeling
- material is not sticking on skin
- the microporous film provides a certain level of breathability



### uvex Laminat light

- non woven polypropylene material laminated with a polyethylene film
- non woven material on the inside for a comfortable feeling
- material is not sticking on skin
- using the film is providing a higher level of protection, but reduces the breathability



### uvex Laminat classic

- non woven polypropylene material laminated with a polypropylene film
- non woven material on the inside for a comfortable feeling
- material is not sticking on skin
- the polypropylene film provides an effective barrier against many organic and inorganic liquid chemicals

# Hand Protection



## uvex athletic lite

Art. No. 60027

**Norm** EN 388 (4131X)  
**Liner** Elastane, Polyamide  
**Coating** Micro-NBR foam coating  
**Use** dry and slightly damp areas

**Sizes** 6 - 12

This lightweight and sensitive safety glove is ideal for mechanical tasks, featuring a matt, open-celled, and abrasion-resistant microfoam coating for excellent grip in dry and slightly damp areas. Its open-celled coating ensures high breathability, reducing sweating, while the "slim fit" design and elastane in the liner provide a perfect fit. Certified according to OEKO-TEX® Standard 100 (S02-0648 HOHENSTEIN HTTI).



## uvex athletic all-round

Art. No. 60028

**Norm** EN 388 (4122X)  
**Liner** polyamide, elastane  
**Coating** Nitrile rubber (NBR) foam  
**Use** dry and slightly damp areas

**Sizes** 6 - 11

This lightweight and dirt-resistant all-round safety glove is ideal for mechanical tasks, offering excellent mechanical abrasion resistance with a damp-resistant aqua-polymer foam coating. It provides a very good grip in dry and slightly damp areas, ensuring a perfect fit with its "slim fit" design and elastane liner. Certified according to OEKO-TEX® Standard 100 (S02-0648 HOHENSTEIN HTTI).



## uvex unilite 6605

Art. No. 60573

**Norm** EN 388 (4122X)  
**Liner** polyamide  
**Coating** Nitrile rubber (NBR) foam  
**Use** dry and slightly damp areas

**Sizes** 6 - 11

This lightweight knitted glove with NBR foam coating is perfect for mechanical precision work, offering good mechanical abrasion resistance with its polyamide liner and coating. It provides a good grip in dry and slightly damp areas, is breathable, highly flexible, and ensures a good tactile feel and fit.



## uvex unilite 6610F

Art. No. 60956

**Norm** EN 388 (4121)  
**Liner** Elastane, Polyamide  
**Coating** Nitrile rubber (NBR) foam with grip  
**Use** good dry and wet grip

**Sizes** 6 - 11

This breathable precision glove, fully coated with NBR foam, offers outstanding mechanical abrasion resistance and great mechanical strength. Its highly breathable nitrile foam coating ensures excellent grip in both dry and wet conditions, combined with high flexibility for optimal performance.



## uvex unilite 7710F

Art. No. 60278

**Norm** EN 388 (4121X)  
 EN 407 (X1XXXX)  
**Liner** polyester (seamless)  
**Coating** Nitrile rubber (NBR) foam with grip  
**Use** excellent grip in wet and oily areas

**Sizes** 7 - 11

This waterproof assembly glove provides excellent grip in wet and oily areas, is extremely abrasion-resistant for heavy-duty activities, offers protection against contact heat up to 100°C (level 1), and features a highly flexible, seamless polyester-knit liner.



## uvex uniflex 7020

Art. No. 60515

**Norm** EN 388 (4111X)  
**Liner** cotton interlock  
**Coating** Nitrile rubber (NBR) foam  
**Use** suitable for damp and oily work conditions

**Sizes** 7 - 11

This versatile protective glove for general activities offers good flexibility, a very good fit, and good abrasion resistance.

# Hand Protection



## uvex athletic D5 XP

Art. No. 60030

**Norm** EN 388 (4 X 4 3 D)  
**Liner** HPPE, steel, polyamide, elastane  
**Coating** Micro-NBR foam coating  
**Use** dry and slightly damp/ oily working conditions

**Sizes** 6 - 11

This glove offers very high cut protection (Level D) with good grip on dry and slightly oily/damp workpieces. It features very good mechanical abrasion resistance, reinforced thumb joints, high flexibility, and a very good fit with excellent tactile feel. Suitable for industrial washing and certified according to OEKO-TEX® Standard 100 (S02-0648 HOHENSTEIN HTTI).



## uvex unidur 6679 foam HV

Art. No. 60894

**Norm** EN388 (4X43D)  
**Liner** HPPE, fibreglass, polyamide, steel  
**Coating** Nitrile rubber (NBR) foam  
**Use** dry and slightly damp areas

**Sizes** 6 - 12

This cut protection glove features an NBR foam coating and HPPE/steel fibre for outstanding mechanical abrasion resistance and good grip in dry and slightly damp areas. It offers a high level of cut protection with a combination of HPPE and steel fibre, providing very good tactile feel, high flexibility, and exceptional comfort.



## uvex unidur 6659 sleeve C TL

Art. No. 60974

**Norm** EN 388 (2 X 4 X C)  
**Liner** HPPE, glass, polyamide  
**Coating** without coating  
**Use** dry areas

**Sizes** M, L

This sleeve offers very high cut protection (Cut Level C) while being very thin and flexible. It ensures high comfort with a velcro fastening for a custom fit, and a thumb loop for added safety, protecting against cuts on the wrist. Certified according to OEKO-TEX® Standard 100 (S02-0648 HOHENSTEIN HTTI).

## Standards

EN 388:2016+A1:2018 • EN ISO 374-1:2018-10

### Standard for safety gloves to protect against mechanical risks

EN 388:2016 contains various test methods for comparing the mechanical performance of gloves. This standard focusses on the following six performance levels:

#### EN 388: 2016



4 X 3 2 D P

- ↑ (f) Impact protection (P if passed)
- ↑ (e) Cut resistance in accordance with ISO (A to F)
- ↑ (d) Puncture resistance (0 to 4)
- ↑ (c) Tear resistance (0 to 4)
- ↑ (b) Coup test cut resistance (0 to 5; X = not applicable or not tested)
- ↑ (a) Abrasion resistance (0 to 4)

- (a) **Abrasion resistance**  
To test the abrasion resistance of the safety glove, the material is rubbed with abrasive paper under pressure. The number of cycles required to grind a hole into the material is used as a reference value. (Highest performance class 4 = 8000 cycles)
- (b) **Cut resistance by means of the coupe test**  
A rotating circular knife is used to test the cut resistance of a safety glove. The knife cuts through the glove material at constant speed and constant force. The reference value is the comparison with a reference material and a resulting index. (Highest performance class 5 = index 20)
- (c) **Tear resistance**  
To test the tear resistance of the safety glove, the material is first cut. The reference value is the force required to tear the material. (Highest performance class 4 = 75 newtons)
- (d) **Puncture resistance**  
To test the puncture resistance, the material to be tested is pierced with a nail (defined dimension). The force used for this is used as a reference value.
- (e) **Cut resistance according to TDM**  
The application of the test method in accordance with ISO 13997 is relevant for materials that blunt the rotating circular knife during the coupe test (see above). The required force for cutting a material is measured at a defined distance (20 mm) (highest performance class F = 30 newton)
- (f) **Additional impact protection**  
Gloves with performance class "P" at the end offer specific impact absorption.

## Hand Protection



### Helix® Series 2076

Art. No. 60660

**Norm** EN 388 (4 X 4 4 F)  
**Coating Use** Flexible polyurethane palm coating wet or dry

**Sizes** 4 - 13

Innovation intertwined with safety. That's the DNA of the Helix® Series. The Helix® 2076 features a 13-gauge HPPE/steel/fiberglass blend shell that delivers 360° level A6 cut resistance for unrivaled comfort and protection on the job. Finished with a flexible polyurethane palm coating and reinforced thumb saddle, wearers experience superior grip, durability, and abrasion resistance.



### Helix® Core™ series 3010

Art. No. 60688

**Norm** EN 388 (4 X 4 3 D P)  
**Coating Use** PrimeFoam nitrile dry or oil

**Sizes** 6 - 12

Featuring a 15-gauge HPPE/steel/fiberglass/polyester blend shell, the Helix® 3010 offers level A5 cut resistance. The touchscreencompatible PrimeFoam nitrile palm coating provides increased grip and level 5 abrasion resistance in oily or dry applications. Back-of-hand IR-X® Impact Exoskeleton™ keeps hands safe from smash hazards offering level 2 impact resistance on the fingers and knuckles.



### Thin Lizzie™ 2090X

Art. No. 60648

**Norm** EN 388 (4 X 4 4 E P)  
**Coating Use** Sandy nitrile palm coating wet or dry

**Sizes** 5 - 12

The Rig Lizard® Thin Lizzie™ 2090X is HexArmor's latest glove innovation in the popular Rig Lizard® series. The dynamic 2090X features ANSI/ISEA level 5 puncture resistance, level A4 cut protection, HexArmor's hi-vis back-of-hand IR-X® Impact Exoskeleton™ with high-flex design, and a reinforced thumb saddle for longer lasting protection.



### Chrome SLT® 4060

Art. No. 60653

**Norm** EN 388 (2 X 2 3 E P)  
 EN 407 (X 1 X X X X)  
**Liner** Aramid liner  
**Coating Use** Goatskin leather palm dry or light oil situations

**Sizes** 6 - 14

The Chrome SLT® 4060 with back-of-hand protection was designed with unsurpassed comfort, dexterity, and protection. A goatskin leather palm gives workers the traditional style of comfort they love while providing an Arc Flash level 2 rating, level A5 cut protection, and level 2 back-of-hand impact protection.



### Chrome SLT® 4062

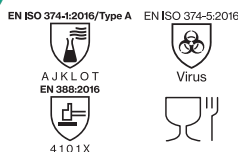
Art. No. 60655

**Norm** EN 388 (2 X 2 3 E)  
 EN 407 (4 2 2 1 4 1)  
**Liner** Aramid liner  
**Coating Use** Goatskin leather palm dry or light oil situations

**Sizes** 6 - 13

The Chrome SLT® 4062 with an extended safety cuff was designed with unsurpassed comfort, dexterity, and protection. A goatskin leather palm gives workers the traditional style of comfort they love while providing an Arc Flash level 4 rating and level A5 cut protection.

# Hand Protection



## uvex profastrong NF33

Art. No. 60122

**Norm** EN 388 (4101X)  
EN ISO 374-1:2016/Type A (A J K L O T),  
EN ISO 374-5:2016 VIRUS

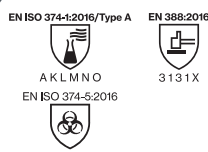
**Liner** flocked cotton

**Coating** fully coated with NBR (nitrile rubber)

**Use** good resistance to oils, grease, acids  
and solvents

**Sizes** 7 - 11

This sensitive NBR chemical protection glove with flocked cotton offers outstanding mechanical abrasion resistance, good grip in damp and wet areas due to the Grip structure in the palm, and good resistance to many oils, grease, acids, and alkalis. It also provides a good tactile feel, good fit, and high flexibility.



## uvex profapren CF33

Art. No. 60119

**Norm** EN 388 (3131X)  
EN ISO 374-1:2016/Type A (A K L M N O)  
EN ISO 374-5:2016

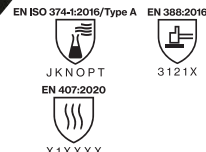
**Liner** flocked cotton

**Coating** fully coated with polychloroprene  
(latex inner)

**Use** wet or dry

**Sizes** 7 - 10

This flexible chloroprene chemical protection glove with flocked cotton offers good grip in damp and wet areas due to the Grip structure in the palm. It provides good resistance to many chemicals and solvents, ensuring a good tactile feel, very good fit, and high flexibility.



## uvex rubiflex S XG35B

Art. No. 60557

**Norm** EN 388 (3121X)  
ISO 18889 (G2)  
EN ISO 374-1:2016/Type A (J K N O P T)  
EN 407 (X1XXXX)

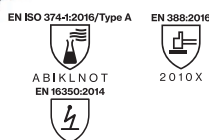
**Liner** cotton interlock

**Coating** fully coated with special NBR coating  
(nitrile rubber) and XG Grip coating

**Use** very good resistance to grease, mineral  
oils and many chemicals

**Sizes** 4 - 13

This lightweight, stockinette NBR chemical protection glove offers optimal grip properties, very good mechanical abrasion resistance, and a long lifecycle thanks to its multi-layered structure. It features outstanding grip in wet and oily areas with uvex Xtra Grip technology, good resistance to grease, mineral oils, and many chemicals, and provides a very good tactile feel and ergonomic fit. The high-quality cotton interlock supporting material ensures outstanding wearer comfort and extremely high flexibility. Certified according to OEKO-TEX® Standard 100 (S02-0648 HOHENSTEIN HTTI).



## uvex profabutyl B-05R

Art. No. 60949

**Norm** EN 388 (2010X)  
EN 374 (A B I K L N O T)  
EN 16350

**Liner** without stockinette

**Coating** seamlessly coated with bromobutyl

**Use** good resistance to polar bonds acids  
and alkalis

**Sizes** 7 - 11

This chemical protection glove, made from butyl rubber, offers a good grip in damp and wet areas and excellent resistance to polar bonds such as esters, ketones, aldehydes, amines, saturated saline solutions, acids, and alkalis. It provides a good fit, high flexibility, and meets the requirements of DIN EN 16350:2014.





# Support programmes: Hand Protection

uvex glove expert  
Chemical protection made easy

Online chemicals database and glove plans  
As a manufacturer, we offer you access to our extensive online chemicals database. In just a few steps, you can access information about the resistance of our safety gloves when handling chemicals.

Register here



Register for free and get access to the following premium features:

- Full access to the test results of all listed chemicals
- Creation and management of your own permeation lists
- Use of the glove plan designer: Access the glove plans created by our experts.
- Creation and management of your own glove plans

**Glove Expert**  
powered by uvex

English

**Chemicals search**

Filter

**Permeation list**

	uvex rubiflex S XG27B	uvex rubiflex S XG35B	uvex rubiflex ESD NB27A	uvex rubiflex ESD NB35A	uvex rubiflex S NB27B	uvex rubiflex S NB35B	uvex protector NK2725B
Ameisensäure 50 % (64-18-6 - liquid)	120 - 240 min	120 - 240 min	120 - 240 min	120 - 240 min	120 - 240 min	120 - 240 min	120 - 240 min
Chloroform (Trichlormethan) (67-66-3 - liquid)	1 min*	1 min*	< 10 min	< 10 min	< 10 min	< 10 min	< 10 min
Phosphorsäure 85% (7664-38-2 - liquid)	> 480 min	> 480 min	> 480 min	> 480 min	> 480 min	> 480 min	> 480 min

Navigation: << | Data protection | Imprint | Kontakt

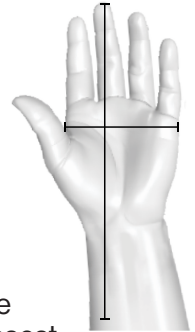
# Support programmes: Glove Sizing Guide

Industrial gloves fit differently than most gloves because of the materials used to provide protection. We recommend using our size chart (below) and reviewing glove descriptions and materials. Please note that this chart should be used only as a general guideline, as different styles of gloves will measure slightly different.

## Two Ways to Measure

### Measure Your Hand (Recommended)

For palm width, measure the width across your palm where your hand naturally bends. For hand height (seamless gloves only), measure from the tip of your middle finger to where the cuff will end on your forearm. Compare this measurement to the chart below to determine your glove size. For seamless gloves, the stitching color on the glove cuff corresponds to the matching size color in the chart.



### Or, Print this Chart to Help Measure

Print the below glove chart at 100% size to assist with accurate measurement. Reducing or enlarging the printout will result in inaccurate measurements. Place your right hand on the glove chart so that the saddle of your thumb and index finger line up with the X. The measurement closest to the right edge of your hand will be the appropriate glove size.



Palm Width x Hand Height	HexArmor® Size
3.18 in. (8.1 cm) x 8.85 in. (22.5 cm)	5/XXS
3.3 in. (8.5 cm) x 9.25 in. (23.5 cm)	6/XS
3.4 in. (8.7 cm) x 9.6 in. (24.5 cm)	7/S
3.5 in. (9 cm) x 10 in. (25.5 cm)	8/M
3.8 in. (9.7 cm) x 10.2 in. (26 cm)	9/L
4 in. (10.2 cm) x 10.4 in. (26.5 cm)	10/XL
4.2 in. (10.7 cm) x 10.8 in. (27.5 cm)	11/XXL
4.4 in. (11.1 cm) x 11.2 in. (28.5 cm)	12/3XL

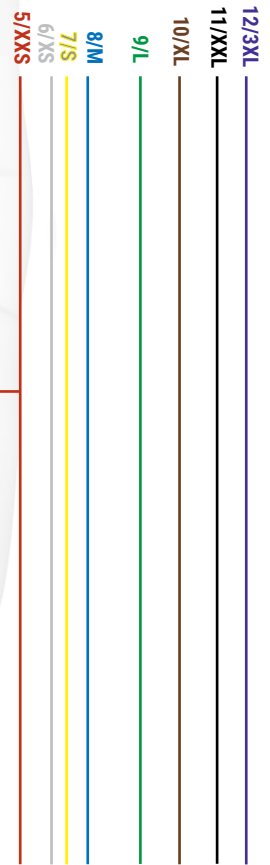


Chart should be 6 in. (15.25 cm)

uvex

 **HECKEL**  
PERFORMANCE WITH STYLE

Safety Footwear

PERFORMANCE WITH STYLE



MACCROSSROAD BROWN 3.0 S3 HIGH  
ART. NO 67303  
EN ISO 20345:2011



MACCROSSROAD 3.0 S3 LOW  
ART. NO 67323  
EN 20345:2011



SUXCEED OFFROAD HIGH S3L SAFETY BOOT  
ART. NO 62733  
EN ISO 20345: 2011 S3 CI SRC | EN ISO 20345: 2022 S3L FO LG CI SC SR

## Individual PPE

uvex prescription safety spectacles are individually adapted to the wearer's vision while offering the best possible protection in the workplace.

The spectacles are certified and marked in accordance with EN 166, so they can be used in workplaces where safety spectacles are mandatory. As occupational safety spectacles, they not only protect the eyes (from UV radiation, flying particles, dust etc.), but are also a visual aid because the lenses have a dioptric effect.

uvex offers a wide range of high-quality lens materials, focus types and frames. This makes it easier to switch between personal spectacles and employer-provided safety spectacles, which increases wearer acceptance.

The comprehensive uvex quality system guarantees the best design from an optical and processing technology perspective. All materials used (lenses, frames, cases etc.) are free from harmful substances and are regularly inspected.

### uvex RX bc plastic

- bc: basic collection
- in different shapes, sizes and colours



#### uvex RX bc 5502

**Art. No.** 6108215  
**Ref. No.** 5502 1725 56/15

**Lens** 56 mm  
**Bridge** 15 mm  
**Colour** grey

- close-fitting plastic frames
- side shields and integrated brow guard frame design
- specially shaped frames provide protection against particles from below
- good fit with anatomically shaped nose bridge
- individually adjustable side arms with four different lengths and adjustable soft-form comfort ear pieces

### uvex RX bc metal

- bc: basic collection
- in different shapes, sizes and colours



#### uvex RX bc 5103

**Art. No.** 6109105  
**Ref. No.** 5103 1400 55/17

**Lens** 55 mm  
**Bridge** 17 mm  
**Colour** gunmetal, matt

- classic design metal frame with double bridge
- transparent side shields
- anatomically adjustable nose bridge and ear-pieces ensure an exceptional fit

### uvex RX sp

- sp: sporty
- safety spectacles in a wraparound design for anatomic sport lenses



#### uvex RX sp 5510

**Art. No.** 6109217  
**Ref. No.** 5510 1248 62/17

**Lens** 62 mm  
**Bridge** 17 mm  
**Colour** matt black, orange

- sporty, plastic "wraparound" design with curved lenses and anatomic sport glazing
- side shield and integrated brow guard frame design
- good fit with anatomically shaped soft nose bridge
- sporty arms with a combination of soft and hard components ensure increased comfort and non-slip fit

# Individual PPE

## uvex RX cd

- cd: comfort and design
- safety spectacles in a sporty design



### uvex RX bc 5518

**Art. No.** 6109230  
**Ref. No.** 5518 1341 54/22

**Lens** 54 mm  
**Bridge** 22 mm  
**Colour** anthracite, red

- sporty frame design: attractive and durable
- metal-free
- comfortable soft arms (uvex duo component technology), non-slip fit without pressure points
- good fit thanks to anatomically shaped nose bridge

## uvex RX cd 5524 planet

sustainable. modern. safe



**Unobstructed field of vision**  
 > transparent lens frame

**Excellent wearer comfort**  
 > easy to adjust, soft ear pieces

**Modern**  
 > close-fitting plastic frame

**Sporty design**  
 > increased wearer acceptance

### uvex RX cd 5524 planet

**Art. No.** 6109255  
**Ref. No.** 5524 2513 57/16

**Lens** 57 mm  
**Bridge** 16 mm  
**Colour** translucent, anthracite

- modern, close-fitting plastic frame
- the frame is primarily made of high-quality, bio-based material. Instead of crude oil, this material is based on the renewable raw material of the castor plant
- the total percentage of the castor oil base for the frame is 38%
- translucent frame colour for an unobstructed field of vision
- frame design with integrated side shields and upper eye coverage
- soft, adjustable nose bridge
- easily adjustable soft-form comfort ear-pieces



protecting planet  
 by using bio-based material



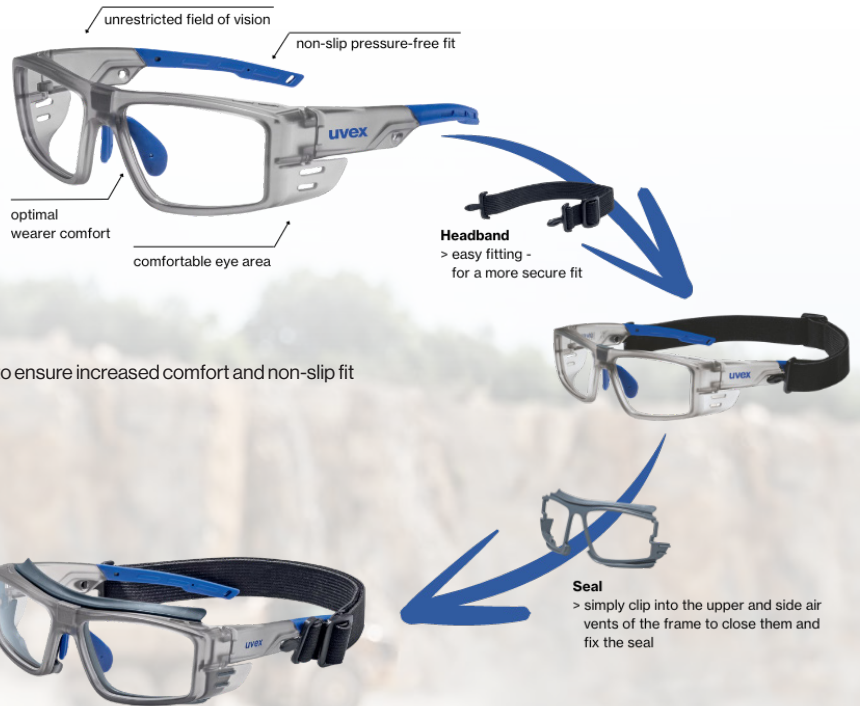
## Individual PPE

### uvex RX cd 5522

**Art. No.** 6109250  
**Ref. No.** 5522 2533 58/15

**Lens** 58 mm  
**Bridge** 15 mm  
**Colour** translucent-grey, blue

- modern plastic frame in a robust design
- translucent frame colour for an unobstructed field of vision
- air vents at the top and side
- soft, adjustable nose bridge
- sporty arms made from a combination of soft and hard components to ensure increased comfort and non-slip fit
- soft, adjustable ear-pieces with metal core



uvex RX cd 5522 (6109250) with uvex RX cd tight-fit-kit (6118012)

### uvex RX cf

- cf: close fit
- safety spectacles with all-round protection and tailored to your individual prescription
- recommended for handling chemicals and/or working in dusty environments

### uvex RX cf 9501

**Art. No.** 6109501  
**Ref. No.** 95011333 61/14

**Lens** 61 mm  
**Bridge** 14 mm  
**Colour** anthracite, blue



**Direct prescription lenses**  
 Prescription safety lenses are inserted directly into the goggle frame according to the individual prescription strength



**Sophisticated ventilation**  
 Direct and indirect air vents ensure optimum protection and excellent ventilation for "eye zone" comfort.



**Flexible headband clip**  
 The flexible headband clip allows the goggle to adjust to different facial shapes for a customised fit. The comfortable fabric headband keeps the uvex RX cf 9501 securely in place.

# Support programmes: Individual PPE

## Marking of lenses in accordance with EN 166

**Identification of the manufacturer**  
**Optical class**  
**Mechanical strength**  
**Certification**

**W1 CE**

**Note:** Due to the mandatory marking, it is not possible to purchase frames without lenses. Please do not modify the completed spectacles in a way that reduces their protective function.

**S** **Increased robustness:** Ball bearing drop test, Dropping a ball bearing (44 g) against the lens from a height of 1.30 m

**F** **Impact-resistant, low energy:** Firing a ball bearing (0.88 g) against the lens, impact speed 45 m/s ( $\wedge=162$  km/h)

**B** **Impact-resistant, medium energy:** Firing a ball bearing (0.88 g) against the lens, impact speed 120 m/s ( $\wedge=432$  km/h)

**T** Optional requirements in accordance with EN 166 (extract): **Tested in extreme temperatures (-5°C, +55°C)**, this marking is always in combination with mechanical strength (for example, FT)

## Marking of the frame in accordance with EN 166

**Identification of the manufacturer**  
**Number of the EN standard**  
**Field(s) of use**  
**Mechanical strength**  
**Certification**

**W 166 CE**

Additional requirements in accordance with EN 166 (extract):  
**Resistance to liquids** (droplets, spray) **3 S** **Increased robustness:** Ball bearing drop test, Dropping a ball bearing (44 g) against the frame from a height of 1.30 m

Additional requirements in accordance with EN 166 (extract):  
**Resistance to coarse dust** (grain size > 5 µm) **4 F** **Impact-resistant, low energy:** Firing a ball bearing (0.88 g) against the frame frame, impact speed 45 m/s ( $\wedge=162$  km/h)

No number = **general use:** Non-specific mechanical risks, risks due to UV and/or visible IR radiation **B** **Impact-resistant, medium energy:** Firing a ball bearing (0.88 g) against the frame, impact speed 120 m/s ( $\wedge=432$  km/h)

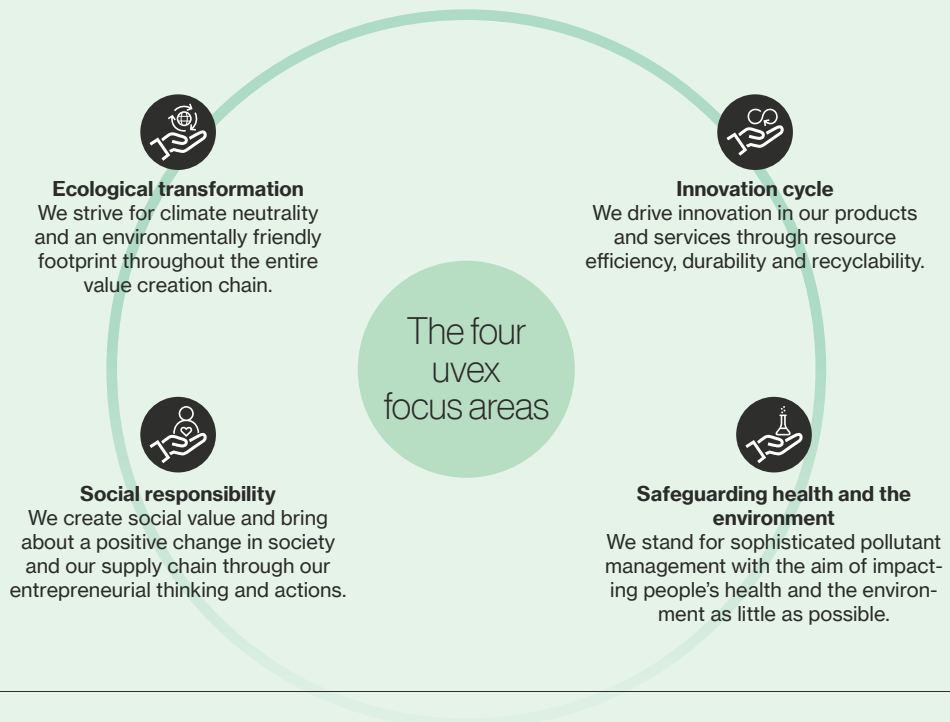
**T** Optional requirements in accordance with EN 166 (extract): **tested in extreme temperatures (-5°C, +55°C)**, this labelling is always in combination with mechanical strength (for example, FT)



The uvex sustainability transformation

**We place the highest demands on ourselves**

For uvex, sustainability is a key focus and has been for over a decade. We are aware of our responsibility and are actively engaging in the current social and technical transformation process. Our mission of **protecting people** instills in us the obligation to protect the environment. That is why uvex checks, evaluates and optimises all steps along the value creation chain so that we can continue to be at the forefront in the discipline of sustainability. We integrate sustainability holistically into our processes. We have identified four focus areas and set measurable targets throughout the Group, right down to the plant level.





# Benefit from our knowledge



**The uvex academy provides qualified education and training in the fields of personal protective equipment (PPE) and health and safety at work.**

All uvex academy training sessions are offered in-house or as company seminars.

Seminars in accordance with your individual specifications can be developed on request.



Protective eyewear

Prescription safety spectacles/goggles

Hearing protection

Disposable Coveralls

Hand protection

Head protection

Respiratory protection

# uvex



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**protecting people**