

A man with a beard and sunglasses, wearing a black t-shirt and gloves, holds a black helmet in front of his chest. The background is dark. The man's t-shirt has a small 'uvex' logo on the right sleeve. The gloves also have 'uvex' logos. The helmet has a 'uvex' logo on the front.

# uvex

2019

## Highlights Catalogue

Southern Africa

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protecting people

The strengths of the uvex brand are based on three core values:

## Leadership. Quality. Enthusiasm.

Dear customers,

Our brand values are both a responsibility and a commitment. In everything we do, we strive to do business by our brand values, building on their meaning while also making these values tangible for you. These values represent our company DNA; they are part of our brand promise and form the foundations of our core competencies.

The brand value of “**Leadership**” describes our drive to be a market leader. With leading innovations in our products, technologies and services, we want to set the benchmark and be the pioneers of new trends. As part of this vision, we’ve been working on wearable technologies for some time; we’ve also created **uvex techware** to develop a brand-new approach to products and cross-sector services. Our aim is to utilise the new sensor and optical technologies available to us, in conjunction with the associated software solutions, to reach new milestones in added value for our customers.

The brand value of “**Quality**” is underpinned by our status as a skilled manufacturer worldwide throughout the entire value-added chain. We manage and control the entire product development and production process – from the initial product concept, through to research and development, and finally to the mature end product. One of the main issues we focus on in doing so is sustainability.

We undergo regular external certification audits, such as our ISO 14001 certification for shoe production in 2017, as evidence of our commitment to sustainability. Our aim is to audit all other uvex plants in line with this environmental management standard.

With our passion and our drive to deliver the best, we want to ensure that you and your employees feel good about our products. We want you to be passionate about uvex. The brand value of “**Enthusiasm**” also represents our commitment to top-level international winter sports, cycling and riding and, in turn, our commitment to the holistic implementation of our mission of protecting people.

All of us at the uvex safety group are behind our brand values; as ambassadors for our brand, we want to help you motivate your team and protect the health of your employees. Place your trust in us, our products and our service solutions, and together we’ll turn the workplace into a safer place.

### **The Board of Management, UVEX SAFETY GROUP GmbH & Co. KG**

Stefan Brück (CEO)

Martin Leusmann

Stefan Wehner



A blue ink signature of Stefan Brück.

Stefan Brück (CEO)



A blue ink signature of Stefan Wehner.

Stefan Wehner



A blue ink signature of Martin Leusmann.

Martin Leusmann

uvex is the innovative

## Brand system provider

with international manufacturing expertise. We also have a cross-national highly qualified network of strategic partners – including both sourcing as well as sales – that allows us to meet wide-ranging market and customer requirements.

## Innovation

Always including customer requirements, we develop, manufacture and distribute industrial and non-industrial safety products that fulfil the highest standards in terms of quality, function and innovation. With our comprehensive service concept, we are pursuing the goals of generating measureable added value for customers around the world. We strive to be the leaders in innovation in our field.

## Protecting people

People are at the heart of what we do. Protecting and supporting people in their professional and working environment is our company's goal. We offer our employees opportunities for professional and career development in an international group.

## Digital transformation

supports our existing core competences, create additional customer value, facilitates the development of new business models and contributes to securing our existing and future success.

## Quality

As manufacturers, we place extremely high quality demands on our products and services. For us, “made in uvex” is a promise of quality we make to our customers, which they can always count on. Our aim is to effectively balance economical, ecological and social commitment. In order to achieve this, we have set demanding standards for our manufacturing sites and products, which also apply to all partners in our network.

## Brand

The uvex brand is our future. It is our primary goal that our customers, suppliers and employees join the uvex brand value experience and generate their own success through the strength of our brand.

## The winner's podium

is our ultimate target.





# protecting people – our mission, responsibility and commitment

**At uvex, we want to realise our vision of protecting people in a sustainable way. As a manufacturer with a high in-house production rate, we can influence most aspects of the value creation chain. In uvex plants, we've implemented almost 300 measures and projects to improve our sustainability performance.**



In production, we consider the environmental impact of all of our processes:

- over 90% of the energy we consume is green energy – generating annual CO2 savings of more than 7000 tonnes
- our earplug production process is waterless and virtually CO2-neutral
- we have introduced complex energy recovery systems to reduce our energy consumption
- our safety shoe production department is certified in line with ISO-14001; this is the first area of our company to obtain this certification

For a number of years, uvex has followed its own social code, implemented a prohibited substances list and applied a comprehensive quality management system:

- binding social standard for all suppliers – based on globally recognised standards such as those of the ILO or SA 8000
- 85 regularly audited core suppliers
- consistent implementation of defined measures across the world by trained uvex employees
- more than 10,000 hazardous substances checks carried out each year along the entire value creation chain
- systems that surpass legal requirements
- 80 employees dedicated to ensuring that all products are of optimum quality
- 11 locations across the world with DIN-ISO-9001 certification



**As a family company, we place high value on continuity and the responsible use and deployment of social, environmental and economic resources – to protect our environment, society, and the health of our customers.**

# Innovative products. Made in uvex.

**uvex safety develops and produces innovative industrial safety products, which meet the most demanding conditions. First-class expertise, uncompromising quality and strategic innovation management form the basis for this.**



The uvex centre of excellence in **Fürth**, Bavaria, produces innovative protective eyewear products – from safety spectacles to laser protection goggles. Mechanical and optical properties are tested in the uvex test laboratory.

The centre of expertise in **Lüneberg** produces the uvex range of state-of-the-art safety gloves: In-house production at every stage of the manufacturing process – from yarn development to individual construction – ensures outstanding product quality.

## **“Made in uvex” initiatives in South Africa**

There are a number of products manufactured and packed or assembled and packed in South Africa to the EN standards and “made in uvex” requirements.

### **Manufactured and packed**

- Prescription safety eyewear
- Whisper and other reusable hearing protection
- Disposable breathing protection
- Safety spectacle cleaning stations
- Drawstring spectacle bags
- Moulded earplugs

### **Assembled and packed**

- Corded disposable earplugs
- Safety helmets
- Safety eyewear

In addition, customised logos are applied to selected safety spectacles on request.

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B

Safety Eyewear



**uvex**

**uvex i-gonomics**

Innovative eye protection. Measurably enhanced wearer comfort.

uvex i-gonomics stands for maximum functionality with first-class comfort: The innovative product system is perfectly adapted to the human physiognomy and is characterised by its low weight and optimal climate control. The protective eyewear is comfortable to wear even for long periods of time – and ensures clear vision in every situation.

# uvex pheos cx2 sonic



**Compact design. Comfortable fit.**

uvex pheos cx2 sonic compact wide-vision goggles impress thanks to their lightweight design and first-class wearer comfort – the uvex duo component technology guarantees a customised, comfortable fit. Their anti-fog coating allows for clear vision in every situation, even in extreme climates.



## Relief-Index

# 4.70

The relief index is calculated using the mean value of the three index values (IV) for force, weight and temperature – ranging from 0 (= poor) to 5 (= perfect).

## weight 4.8

**A high comfort factor reduces the onset of fatigue**

- Test method: Weighing of the goggles, including headband
- Test result: Weight = 34.0 g



## force 4.6

**Optimal fit, reliable protection**

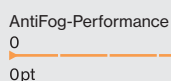
- Test method: Sealing at defined pressing force
- Test result: Open remaining circumference = 2.0 cm



## clima 4.7

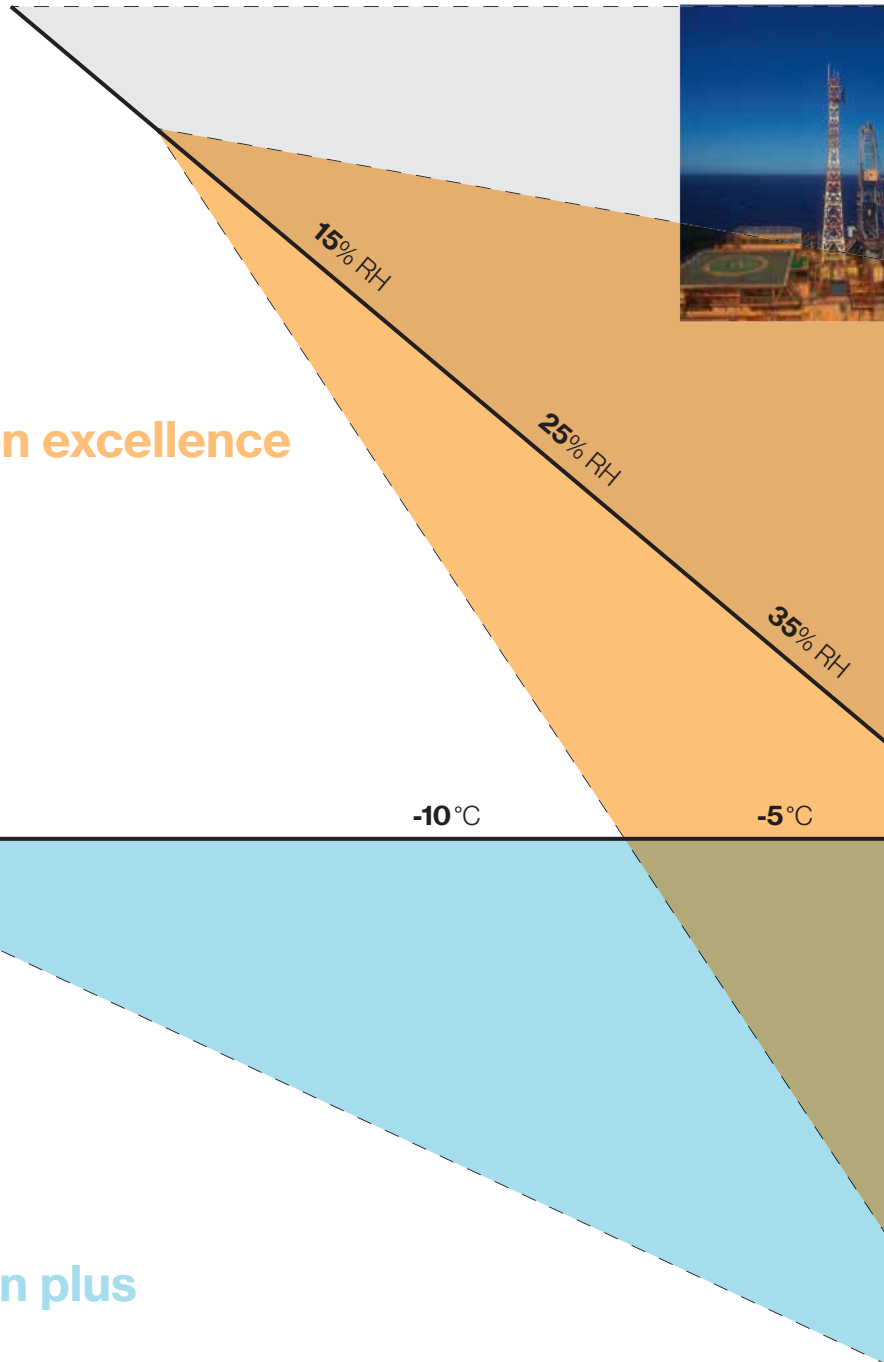
**Anti-fog vision even in extreme climates**

- Test method: Anti-fog test (UHN\*) and ventilation area
- Test result: Anti-fog performance = 5 points and ventilation area = 130 mm<sup>2</sup>



\* uvex internal standard

dry 0% RH



uvex supravision excellence

cold -20 °C



uvex supravision plus

## 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.

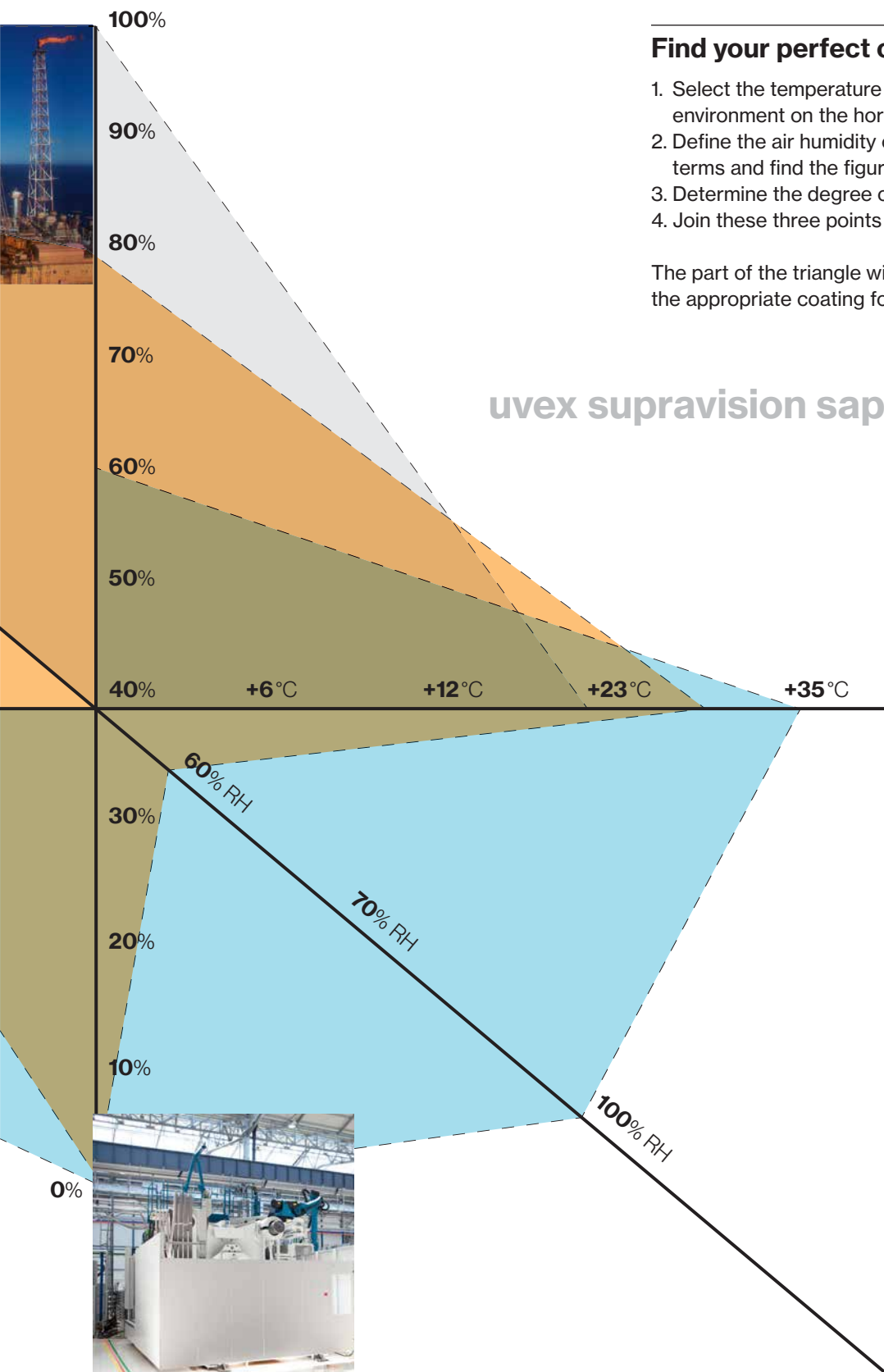


### uvex supravision plus

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.



**dirty**



### Find your perfect coating

1. Select the temperature which best represents your working environment on the horizontal temperature axis.
2. Define the air humidity of the surroundings in percentage terms and find the figure on the diagonal axis.
3. Determine the degree of dirt on the vertical axis.
4. Join these three points to form a triangle.

The part of the triangle with the largest area will show you the appropriate coating for your defined area of use.

**hot +35 °C**



**clean**



**wet 100% RH**

RH = air humidity



## Special coatings



### **uvex supravision extreme**

Coated lenses are scratch-resistant on the outside and permanently anti-fog on the inside. Lenses will not fog up as the coating never reaches the point of saturation. Ideally suited for workplace environments with long-lasting exposure to condensation and a high degree of dirt.



### **uvex supravision variomatic**

Coated lenses are self-tinting filters, which automatically become darker when exposed to UV (within 10 seconds) and become lighter when exposure is reduced (after 30 seconds). Now available with the tried and tested uvex supravision excellence technology (permanently anti-fog on the inside and extremely scratch-resistant on the outside). Particularly suitable for workplaces where you frequently move between indoor and outdoor environments, from light to dark.



### **uvex supravision clean**

Coated lenses are autoclavable and resistant to chemicals. Anti-fog on the inside, extremely scratch-resistant on the outside. The anti-fog properties last for at least 10 autoclave cycles. The coating ensures complete fog protection and maximum vision.



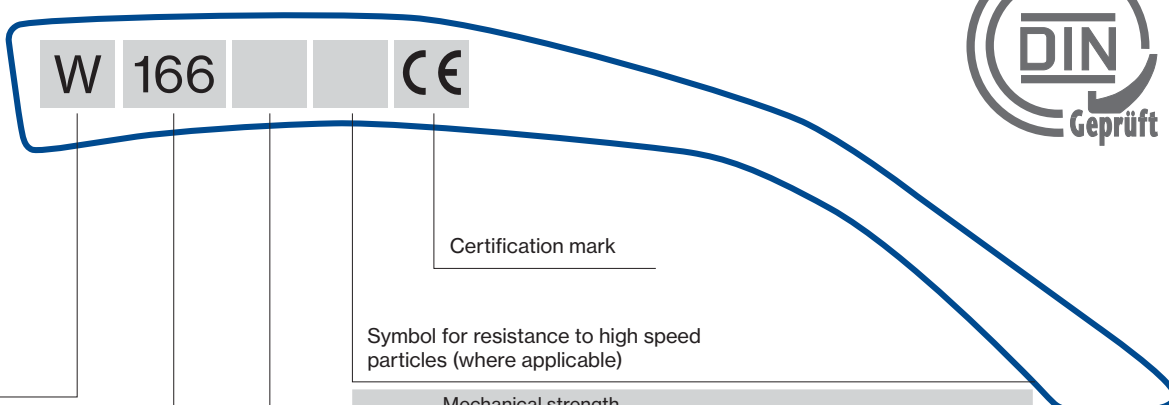
### **uvex infradur**

Coated lenses are scratch-resistant on both sides and minimise damage from welding sparks.

### **uvex infradur plus**

Coated lenses are anti-fog on the inside, extremely scratch-resistant on the outside and minimise damage from welding sparks.

## Marking on frame



Identification of the manufacturer

Number of the EN standard

Field(s) of use (where applicable)

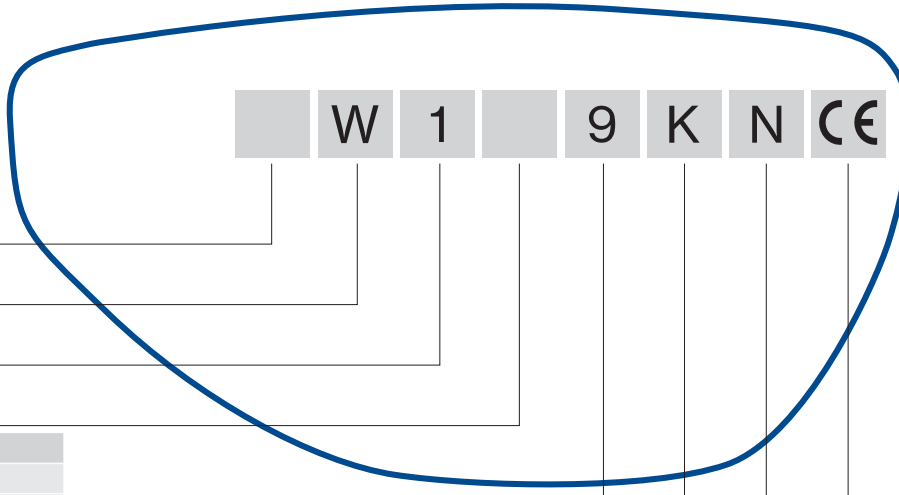
Certification mark

Symbol for resistance to high speed particles (where applicable)

Mechanical strength	
none	without mechanical strength (filters only)
S	increased strength (filters only)
F	low energy impact (45 m/s)
B	medium energy impact (120 m/s)
A	high energy impact (190 m/s)
T	tested at extreme temperatures (-5 °C and +55 °C)

Designation	Description of application areas
none	General use Non specific mechanical risks, risks due to UV and/or visible IR light
3	Liquids Liquids (droplets and splashes)
4	Coarse dust particles Dust with > 5 µm grain size
5	Gas and fine dust particles Gas, vapour, mist, smoke, and dust with < 5 µm grain size
8	Short circuit electric arc Electric arc due to short circuit in electrical equipment
9	"Molten metal and hot solids" Splashes of molten metal and penetration of hot solids

## Marking on lens



Scale numbers (filters only)

Identification of the manufacturer

Optical class

Symbol for mechanical strength

Mechanical strength	
none	without mechanical strength (filters only)
S	increased strength (filters only)
F	low energy impact (45 m/s)
B	medium energy impact (120 m/s)
A	high energy impact (190 m/s)
T	tested at extreme temperatures (-5 °C and +55 °C)

Symbol for non adherence of molten metal and resistance to penetration of hot solids (optional)

Symbol for resistance to surface damage by fine particles (optional)

Symbol for resistance to fogging (optional)

Certification mark

## Safety Spectacles



9199 265



9199 286



9199 280

### uvex x-fit

- classic safety spectacles with good coverage of the whole eye area
- lightweight at just 23 grams
- uvex supravision coating technology
- innovative hinged side arm design
- metal-free

uvex x-fit			
Art. no.	9199 265	9199 280	9199 286
Version	uvex supravision excellence	uvex supravision excellence sunglare filter	uvex supravision excellence
Standard Frame	EN 166, EN 170 blue translucent W 166 FT CE	EN 166, EN 172 grey translucent W 166 FT CE	EN 166, EN 170 grey translucent W 166 FT CE
Lens	PC clear UV 400 2C-12 W1 FTKN CE	PC grey 23% sunglare filter UV 400 5-25 W1 FTKN CE	PC amber UV 400 2C-12 W1 FTKN CE



9193 376



9193 880



9193 280

### uvex sportstyle

- featherlight safety spectacles with a sporty design
- optimum vision thanks to uvex lens geometry
- uvex supravision coating technology
- soft, adjustable nose piece and soft, non-slip ear pieces (uvex duo component technology) ensure a secure, pressure-free fit

uvex sportstyle			
Art. no.	9193 376	9193 280	9193 880
Design	uvex supravision extreme	uvex supravision extreme sunglare filter	uvex supravision variomatic self-tinting lenses
Standard Frame	EN 166, EN 170 black, petrol W 166 FT CE	EN 166, EN 172 white, black W 166 FT CE	EN 166, EN 172 black, anthracite W 166 FT CE
Lens	PC clear UV 400 2C-12 W1 FTKN CE	PC grey 23% UV 400 5-25 W1 FTKN CE	PC light green UV 400 5-11< 2 W1 FTN CE



# Safety Spectacles

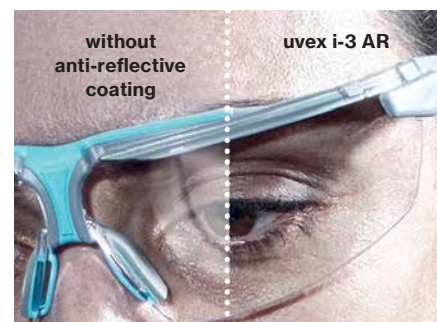
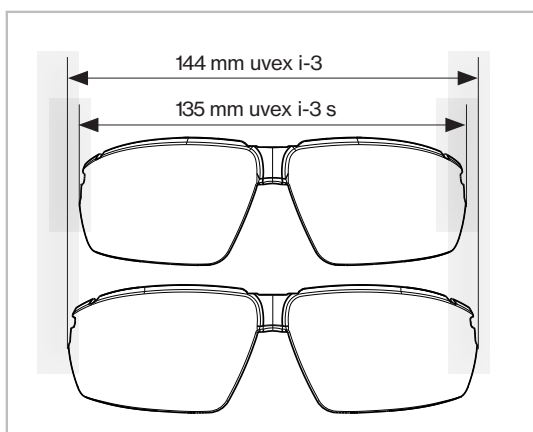
uvex i-3 s



9190 075

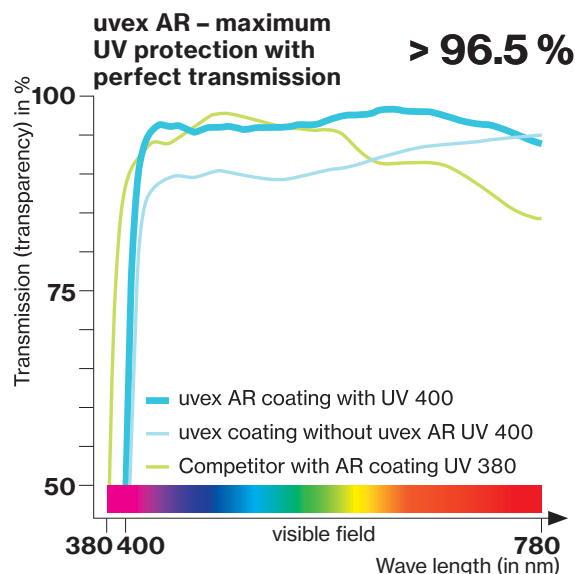


9190 086



## Coating

The anti-reflective coating on both sides provides 100% protection against UV 400 and a transmission factor of more than 96.5 %, which means distracting reflections are effectively prevented.



## Transmission (transparency)

With the anti-reflective coating, the uvex i-3 AR reaches a higher transmission factor than safety spectacles with regular coating technology – ensuring perfect vision without reflections.

Art. no.	uvex i-3 s	uvex i-3 s
Design	9190 075	9190 086
	uvex supravision excellence	uvex supravision excellence
	narrow version	sunglare filter
		narrow version
Standard Frame	EN 166, EN 170	EN 166, EN 172
	anthracite, lime	blue, grey
	W 166 FT CE	W 166 FT CE
Lens	PC clear	PC grey 23%
	UV 400	UV 400
	2C-1.2 W 1 FTKN CE	5-2.5 W 1 FTKN CE
Retail unit	5	5

## Safety Spectacles



9160 265



9160 068



9160 065



### uvex i-vo

- Fashionable safety spectacles with adjustable side arms
- Reliable protection provided by its perfect fit: multi-level side arm lengths allow the wearer to adjust the spectacles to suit their own face shape
- Soft, uvex quattroflex arms and soft components at the nose and forehead ensure a comfortable, pressure-free fit
- the shape of the lenses ensures unrestricted peripheral vision

uvex i-vo			
Art. no.	9160 265	9160 065	9160 068
Replacement lens	9160 255	9160 055	
Design	uvex supravision excellence	uvex supravision sapphire	uvex supravision sapphire
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172
Frame	blue, orange	blue, orange	blue, orange
	W 166 FT CE	W 166 FT CE	W 166 FT CE
	UV 400	PC clear UV 400	PC brown UV 400
Lens	PC clear	2C-12 W 1 FT CE	5-25 W 1 FT CE
	2C-12 W 1 FTKN CE		



9198 256



9198 285



9198 237



9198 064

### uvex pheos cx2

- "X"-branded safety spectacles with a modern, sporty design
- comfortable protection with the X-tended eye shield
- X-twist side arm technology delivers non-slip fit for optimum protection
- duo-spherical lens delivers excellent field of vision
- large field of vision
- innovative uvex duo component technology for maximum wearer comfort
- excellent ventilation around the eye area
- can easily be combined with other PPE

uvex pheos cx2				
Art. no.	9198256	9198237	9198285	9198064
Version	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence
		sunglare filter		sunglare filter
Standard	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170	EN 166, EN 172
Frame	black, light blue	white, black	black, yellow	white, black
	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE
Lens	PC clear	PC grey 23%	PC amber	PC CBR65
	UV 400	UV 400	UV 400	UV 400
	2C-12 W 1 FTKN CE	5-25 W 1 FTKN CE	2C-12 W 1 FTKN CE	5-14 W 1 FTKN CE
Retail unit	5	5	5	5

# Safety Spectacles



9192 225



9192 385



9192 245



9192 080



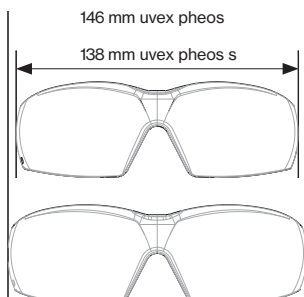
9192 745



9192 725

Narrow version available


Accessories: 9958020  
Headband

Accessories: 9192001 / 9192002  
Extra frame / extra frame in narrow version


Accessories			
Art. no.	9192001	9192002	Art. no. 9958020
Design	extra frame for uvex pheos standard size	extra frame for uvex pheos s narrow version	headband for uvex pheos and uvex pheos s
Colour	black	black	grey, black
Retail unit	5	5	5

## uvex pheos

- modern safety spectacles with a fashionable design and duo-spherical lens technology
- metal-free
- available in standard size or a narrow version
- sustainable version using renewable plant raw materials (uvex pheos blue and uvex pheos s blue)
- set consisting of fitted extra frame with soft padding and adapted headband (uvex pheos guard)
- additional eyebrow protection with Eye plus
- Protection: a bevelled edge in upper area
- soft, non-slip ear pieces (uvex duo component technology) prevent pressure points
- very large field of vision
- can be easily combined with other PPE
- suitable for the uvex helmet IES (Integrated Eyewear System) see page 102



product design award



German Design Award

2012 WINNER 2013

uvex u-sonic range			
Art. no.	9192 225	9192 385	9192 245
Design	uvex supravision excellence standard size	uvex supravision excellence standard size, contrast-enhancing	uvex supravision excellence standard size, sunglare filter
Standard Frame	EN 166, EN 170 black, green W 166 F CE	EN 166, EN 170 black, yellow W 166 F CE	EN 166, EN 172 black, orange W 166 F CE
Lens	PC clear UV 400 2C-12 W 1 FKN CE	PC amber UV 400 2C-12 W 1 FKN CE	PC grey 23% UV 400 5-2.5 W 1 FKN CE

uvex u-sonic range			
Art. no.	9192 080	9192 725	9192 745
Design	uvex supravision plus standard size, Oil & gas	uvex supravision excellence narrow version	uvex supravision excellence narrow version sunglare filter
Standard Frame	EN 166, EN 170 black, grey W 166 F CE	EN 166, EN 170 white, green W 166 F CE	EN 166, EN 172 white, orange W 166 F CE
Lens	PC clear UV 400 2C-12 W 1 FKN CE	PC clear UV 400 2C-1.2 W 1	PC grey 23% UV 400 5-2.5 W 1 FKN CE



# Safety Spectacles



9164 285



9164 187



9164 246



9164 220

## uvex astrospec 2.0

- Innovative development of the world's most popular uvex astrospec spectacles
- Panoramic lens with integrated side protectors for optimum protection of the whole eye area
- Reliable protection provided by its perfect fit: multi-level side arm inclination allows the wearer to adjust the spectacles to suit their own face shape
- uvex ventilation system with labyrinth seal for enhanced eye comfort
- soft, non-slip sidearm pieces (uvex duo component technology) prevent pressure points
- fits easily into breast pocket due to flat-fold design



reddot design award  
winner 2016

### uvex astrospec 2.0

Art. no.	9164 285	9164 187	9164 246	9164 220
Design	uvex supravision excellence	uvex supravision plus	uvex supravision excellence	uvex supravision excellence
Standard	EN 166, EN 170	Oil & gas	sunglare filter	contrast-enhancing
Frame	black, lime	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170
	W 166 FT CE	black, grey	neon orange, black	black, yellow
	PC clear, UV 400	W 166 FT CE	W 166 FT CE	W 166 FT CE
Lens	2C-12 W 1 FTKN CE	PC clear, UV 400	PC grey 23%, UV 400	PC amber, UV 400
		2C-12 W 1 FTKN CE	5-25 W 1 FTKN CE	2C-12 W 1 FTKN CE

# Safety Spectacles



9175 260



9175 261



9175 275



## uvex skyguard NT

- spectacles with all-round protection
- Injection-moulded, soft TPU seal protects against flying particles, dust and splash (protection class 3 – liquids and 4 – coarse dust particles)
- reliable protection provided by its customised fit: multi-level side arm lengths allow the wearer to adjust the spectacles to suit their own face shape
- flexible soft component adapts to the wearer's face contours

uvex skyguard NT			
Art. no.	9175 260	9175 261	9175 275
Design	uvex supravision excellence adjustable side arm length	uvex supravision excellence sunglare filter, adjustable side arm length	uvex supravision excellence particularly well-suited for use in combination with helmets
Standard	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170
Frame	blue, grey W 166 34 F CE	blue, grey W 166 34 F CE	grey, orange W 166 34 F CE
Lens	PC clear UV 400 2-12 W 1 FKN DIN CE	PC grey 23% UV 400 5-25 W 1 FKN DIN CE	PC clear UV 400 2-12 W 1 FKN DIN CE

# Safety Goggles



9309 275



9309 286

## uvex pheos cx2 sonic

- uvex's lightest compact wide-vision goggles (34 grams)
- high mechanical strength N (120m/s) designation 3 (liquids), 4 (coarse dust) and T (extreme temperatures)
- comfortable protection thanks to soft forehead and nose piece moulded directly onto the lens
- uvex supravision coating technology
- very soft, light textile headband for secure and comfortable fit
- can be easily combined with other PPE

uvex pheos cx2 sonic		
Art. no.	9309 275	9309 286
Version	uvex supravision extreme	uvex supravision extreme sunglare filter
Standard	EN 166, EN 170	EN 166, EN 172
Frame	white, black W 166 34 BT CE	white, black W 166 34 BT CE
Lens	PC clear, UV 400 2C-12 W 1 BT KN CE	PC grey 23%, UV 400 5-25 W 1 BT KN CE

## Safety Goggles



9308 245



9308 240



9308 123

### uvex u-sonic

- small, compact low weight goggle
- highly compatible with other PPE
- ergonomic design with soft flexible components – adapts to any facial shape
- high mechanical strength (B: 120 m/s)
- low pressure, wide fully adjustable head strap for excellent wearer comfort
- low weight – just 69 g
- indirect ventilation system helps maintain a comfortable climate around the eyes

uvex u-sonic			
Art. no.	9308 245	9308 240	9308 123
Version	uvex supravision excellence	uvex supravision excellence sunglare filter	uvex supravision excellence
Standard Frame	EN 166, EN 170 grey, lime W 166 34 B CE	EN 166, EN 172 grey, lime W 166 34 B CE	EN 166, EN 170 anthracite, pink W 166 34 B CE
Lens	PC clear UV 400 2C-12 W 1 BKN CE	PC grey 23% UV 400 5-25 W 1 BKN CE	PC clear UV 400 2C-12 W 1 BKN CE
Retail unit	5	5	



9302 245



9302 247

### uvex ultrasonic

- goggles in sporty design, can also be worn over prescription spectacles
- lenses can be changed
- high mechanical strength (B: 120 m/s)
- wide panoramic field of vision
- hard and soft components create soft, pressure free seal for comfortable all day wear

#### Areas of application:

- uvex supravision clean: sterile working environments (laboratories, hospitals, cleanrooms, food production)

uvex ultrasonic		
Art. no.	9302 245	9302 247
Version	uvex supravision excellence	uvex supravision excellence sunglare filter
Standard Frame	EN 166, EN 170 grey, orange W 166 349 B CE	EN 166, EN 172 grey, orange W 166 349 B CE
Lens	PC clear, UV 400 2-12 W 1 B 9 KN DIN CE	PC brown, UV 400 5-25 W 1 B 9 KN DIN CE

# Safety Goggles



9301714



9301716



9301906



9301105



9301633



9301116



9301605

## uvex ultravision

- classic goggles with unrestricted field of vision
- can be worn over prescription spectacles
- available with polycarbonate or cellulose acetate lenses
- lenses can be changed
- high mechanical strength of the polycarbonate (B: 120 m/s) or cellulose acetate lens (F: 45 m/s)

- innovative indirect ventilation system helps maintain a comfortable climate around the eyes

### Please note:

CA lenses do not fit the PC models and vice-versa.

uvex ultravision				
Art. no.	9301714	9301716	9301906	9301105
Replacement lens	9300517	9300517		9301255
Version	anti-fog	anti-fog with foam layer	anti-fog wide nose piece, particularly well suited in combination with dust masks	uvex supravision excellence
Standard Frame	EN 166, EN 170 transparent grey W 166 34 F CE	EN 166, EN 170 transparent grey W 166 34 F CE	EN 166, EN 170 transparent grey W 166 3 F CE	EN 166, EN 170 transparent grey, PVC W 166 34 B CE
Lens	CA clear, UV 380 2-12 W 1 FN DIN CE	CA clear, UV 380 2-12 W 1 FN DIN CE	CA clear, UV 380 2-12 W 1 FN DIN CE	PC clear, UV 400 2C-12 W 1 B KN CE
Retail unit	1	1	1	1
uvex ultravision				
Art. no.	9301633	9301116	9301605	
Replacement lens				
Version	uvex supravision excellence closed ventilation (gas-proof) heat-resistant frame material	uvex supravision plus with foam layer Oil and gas	uvex supravision plus	
Standard Frame	EN 166, EN 170 red, TPU W 166 345 B CE	EN 166, EN 170 transparent grey, PVC W 166 34 B CE	EN 166, EN 170 transparent grey W 166 34 B CE	
Lens	PC clear, UV 400 2C-12 W 1 B KN CE	PC clear, UV 400 2C-12 W 1 B KN CE	PC clear, UV 400 2C-12 W 1 B 9 KN DIN CE	
Retail unit	1	1	1	



# Welding Protection

A new generation of welding protection eyewear available with different grey-tint lenses and protection classes. The innovative technology affords protection from UV and infrared light while maintaining perfect colour recognition in line with uvex sunglare filters.

The special uvex infradur plus coating has anti-fog properties which prevents the inside of the lenses misting up and the extreme scratch-resistance on the outside keeps damage from welding sparks to an absolute minimum.

With various welding safety spectacles and goggle solutions, there is something for everyone – enhancing comfort and the wearer experience.

N.B.: Do not use for electric welding.



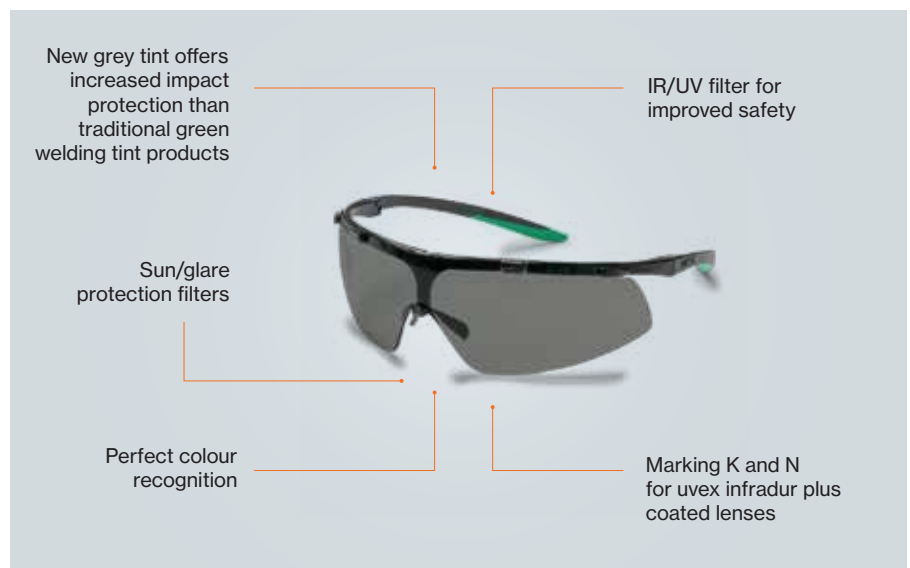
All welding products have polycarbonate lenses providing protection against impact as well as UV rays, IR rays and visible glare.

**The products do not provide protection against laser beams!**

For expert advice on safety and in selecting the right laser protection eyewear, talk to our specialists

## laservision

Call them on +49 (0)911 9736 8100.



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

Level of protection	Use	Gas used	Flow rate (l/h)
1.7	Protection against scattered rays for welding assistants	–	–
3	Lightweight oxyacetylene cutting	–	–
4	Welding and braze welding	Acetylene	< 70
5	Welding and braze welding Oxyacetylene cutting	Acetylene Oxygen	70 – 200 900 – 2,000
6	Welding and braze welding Oxyacetylene cutting	Acetylene Oxygen	200 – 800 2,000 – 4,000

# Welding Protection



9160 041



9160 045



9160 043

## uvex i-vo

- fashionable safety spectacles with adjustable side arms
- perfect colour recognition
- new filter technology combines UV and IR radiation protection
- minimum damage from welding sparks
- reliable protection provided by customised fit: multi-level side arm inclination and different side arm lengths allow the wearer to adjust the spectacles to suit their facial shape
- soft, uvex quattroflex arms and soft components around the nose and forehead for a comfortable, pressure-free fit
- the shape of the lenses offers unrestricted peripheral vision

uvex i-vo			
Art. no.	9160 041	9160 043	9160 045
Version	uvex infradur plus welding protection level 1.7	uvex infradur plus welding protection level 3	uvex infradur plus welding protection level 5
Standard	EN 166, EN 169	EN 166, EN 169	EN 166, EN 169
Frame	black, green W 166 FT CE	black, green W 166 FT CE	black, green W 166 FT CE
Lens	PC grey UV 400 + IR 1.7 W 1 FTKN CE	PC grey UV 400 + IR 3 W 1 FTKN CE	PC grey UV 400 + IR 5 W 1 FTKN CE



9169 543



9169 545



## uvex super f OTG

- welding overspecs with arm-hinge concept for wearers of prescription glasses
- perfect colour recognition
- new filter technology combines UV and IR radiation protection
- minimum damage from welding sparks
- unrestricted peripheral vision
- soft arm ends for increased comfort

uvex super f OTG		
Art. no.	9169 543	9169 545
Version	uvex infradur plus welding protection level 3	uvex infradur plus welding protection level 5
Standard	EN 166, EN 169	EN 166, EN 169
Frame	black, green W 166 FT CE	black, green W 166 FT CE
Lens	PC grey UV 400 + IR 3 W 1 FT KN CE	PC grey UV 400 + IR 5 W 1 FT KN CE
Retail unit	5	5

# Welding Protection



9302 043  




9302 045  


## uvex ultrasonic flip-up

- welding goggles in sporty design, can also be worn over prescription spectacles
- lenses can be changed
- perfect colour recognition
- new filter technology combines UV and IR radiation protection
- minimum damage from welding sparks
- high mechanical strength (B: 120 m/s)
- wide panoramic field of vision
- a combination of hard and soft components create soft, effect, pressure free seal for comfortable all day wear

uvex ultrasonic	
Art. no.	9302 043
Replacement lens flip-up	9302 083
Version	uvex supravision excellence with flip-up and easily replaceable filter
Standard	EN 166, EN 169, EN 170
Frame	black, green
	W 166 349 B CE
Lens	PC clear, UV 400
	2-12 W 1 B9 KN DIN CE
Additional lens	PC grey, UV 400 + IR
	uvex infradur
	3 W 1 CE
	welding protection level 3

uvex ultrasonic	
Art. no.	9302 045
Replacement lens flip-up	9302 085
Version	uvex supravision excellence with flip-up and easily replaceable filter
Standard	EN 166, EN 169, EN 170
Frame	black, green
	W 166 349 B CE
Lens	PC clear, UV 400
	2-12 W 1 B9 KN DIN CE
Additional lens	PC grey, UV 400 + IR
	uvex infradur
	5 W 1 CE
	welding protection level 5





Hearing Protection



# Hearing Protection

Noise-induced hearing loss is still one of the most common occupational hazards of all. It develops painlessly, is progressive and generally goes unnoticed. It is the fact that it's irreversible which makes it so serious. The risk to hearing and the importance of hearing protection are often recognised too late.

Only those who suffer from hearing loss really understand just how essential a good sense of hearing is and that protecting it should be a top priority.

## What is noise?

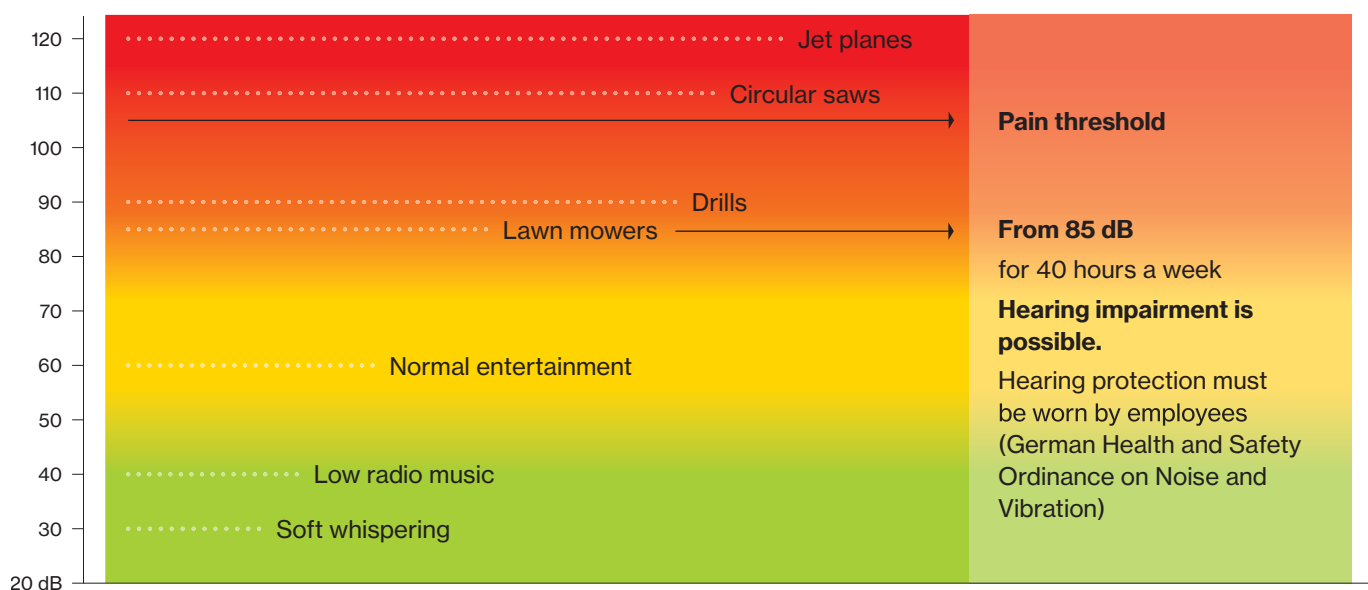
Loud sounds which comprise noise not only pose a risk to hearing but can also be distracting and debilitating.

Persistent low-grade sounds such as a clock ticking or a dripping tap can also affect concentration levels.

## What are the consequences of noise?

We use our hearing continuously, it never gets a break and cannot be "switched off". We are exposed to noise every day, all day, from multiple sources so our hearing is under constant stress.

These daily demands on our ears can lead to irreversible noise-induced hearing loss. But, it's not just our hearing that is affected; noise means stress for the entire body. Noise affects us subconsciously and can lead to difficulty concentrating, gastrointestinal illness, elevated blood pressure and increased risk of a heart attack.





## Tests and standards

All uvex hearing protection products comply with the EN standard and have been tested in accordance with the applicable European standards in line with current EU legislation.

Continuous quality assurance with ISO 9001/1994.

Applicable DIN EN norms are:

- EN 352: Part 1 Ear muffs
- EN 352: Part 2 Ear plugs
- EN 352: Part 3 Ears muffs attached to a safety helmet



## Occupational Safety Directive on Noise and Vibration

Informing employees													
		Information and instruction											
		General occupational health advice											
Hearing Protection													
			Provision of hearing protection										
								Use of hearing protection					
								Not permissible with use of hearing protection					
Occupational health check-ups													
			Offer of occupational health check-ups				Need for occupational health check-ups						
Further steps													
			Marking noisy areas										
			Noise reduction measures										
79	80	81	82	83	84	85	86	87	88	89	90	91	LAeq, 8h in dB(A)
134	135	136				137	138	139	140	141	142	143	LpC, peak in dB(C)
Valid since 9 March 2007													

# Hearing Protection

## What level of protection is required? Objective: noise level – SNR value

Noise levels in the workplace must be measured first in order to determine what level of protection is required. The Health and Safety professional or external qualified service providers should conduct tests using approved test equipment.

The continuous noise level and, if necessary, the peak emission noise level are measured, enabling a noise profile to be recorded.

Appropriate hearing protection can then be selected using the SNR method.

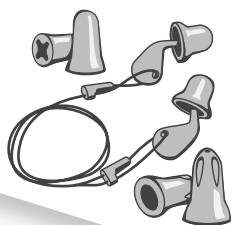
The objective when choosing suitable hearing protection is to achieve an effective residual noise level of between 70 dB and 80 dB for the wearer.

If the protection level is too high (over-protection), this can result in the inability to communicate and the risk of not hearing critical messages, instructions or signals.

Example:

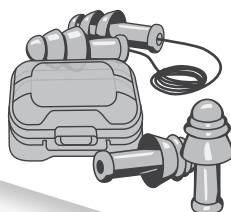
**Noise level 100 dB – uvex xact-fit, SNR 26 dB = 74 dB**

### RANGE



#### uvex disposable hearing protection plugs

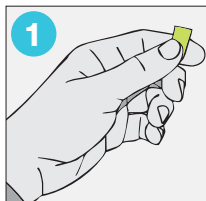
Outstanding safety for one-time use: uvex disposable hearing protection plugs offer excellent wearer comfort when worn for long periods.



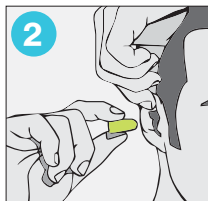
#### uvex reusable ear plugs

Readily available and easy to clean: uvex reusable ear plugs with hygiene box are reliable companions for your everyday work.

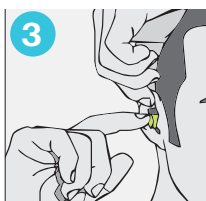
To guarantee optimum hearing protection, uvex disposable hearing protection plugs must be used correctly.



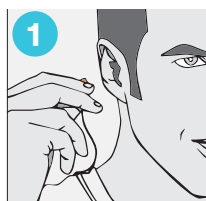
Briefly roll down uvex disposable hearing protection plugs.



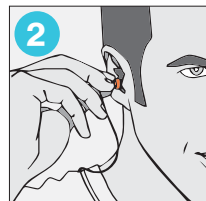
Put your arm over your head and move the ear slightly upwards to straighten your auditory canal. This achieves a better fit.



Insert plugs and hold in place while they expand. If they are not visible from the front, then they are in the right position.



Take uvex reusable ear plugs by the handles and place the cord around your neck.



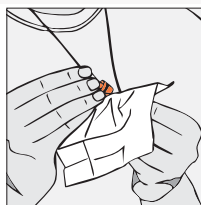
Insert uvex ear plugs into the auditory canal, applying gentle pressure.

### HYGIENE

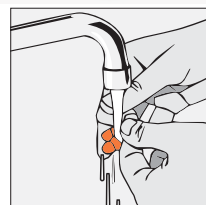
In dirty working environments, particles can easily stick to the surface of materials and cause minor injuries in the ears.



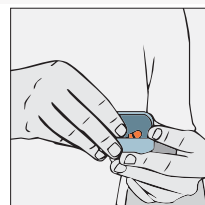
Please dispose of uvex disposable hearing protection plugs after each use.



Easy to clean with uvex damp cleaning cloth.



Alternatively, clean them with water and mild soap.



Dry them and store in the uvex hygiene box when not in use.

### MORE INFORMATION

Detailed application videos show you how to use uvex disposable hearing protection plugs properly.



Simply scan in the adjacent QR code with a smartphone or tablet. You can also watch the application videos online using the following link: [uvex-safety.com/plugs](https://uvex-safety.com/plugs)

# Hearing Protection



2112 010



2112 001



## uvex x-fit

- tapered plug shape ensures natural, pressure free fit – maximising comfort and protection
- suitable for use in high noise environments
- patented x-grip technology reduces pressure on the ear canal and aids easy, hygienic removal

uvex x-fit	
<b>Art. no.</b>	2112 001
<b>Design</b>	without cord
<b>Standard</b>	EN 352-2
	additional requirement: S, V, W, E1
<b>SNR</b>	37 dB
<b>Colour</b>	lime
<b>Size</b>	M

SNR: 37 dB	H: 36 dB	M: 34 dB	L: 34 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	35.3	38.4	39.3	40.8	38.9	37.8	45.9	45.1
SD dB	4.2	6.3	5.3	5.5	5.5	4.3	3.9	4.6
APV dB	31.1	32.1	34.0	35.3	33.4	33.5	42.0	40.5

## uvex whisper

- easy-to-clean corded earplugs
- smooth, dirt-repellent surface can be easily cleaned using soap and water
- hygienic storage of earplugs in a hygiene box
- with the cord, the earplugs are conveniently to hand – in low-noise areas, the earplugs can be worn comfortably around the neck

uvex whisper	
<b>Art. no.</b>	2111 200
<b>Design</b>	with cord
<b>Standard</b>	EN 352-2
	additional requirement: S, W
<b>SNR</b>	23 dB
<b>Colour</b>	orange
<b>Size</b>	M

SNR: 23 dB	H: 24 dB	M: 20 dB	L: 17 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	23.7	23.2	21.1	22.6	24.8	31.7	33.4	39.4
SD dB	5.6	5.8	6.8	5.2	5.7	6.0	9.5	8.2
APV dB	18.1	17.4	14.3	17.4	19.1	25.7	23.9	31.2

## uvex whisper supreme

- easy-to-clean reusable corded earplugs
- smooth, dirt-repellent surface can be easily cleaned using soap and water
- hygienic storage of earplugs in a hygiene box
- with the cord, the earplugs are conveniently to hand – in low-noise areas, the earplugs can be worn comfortably around the neck

uvex whisper supreme	
<b>Art. no.</b>	2111 700
<b>Design</b>	with cord
<b>Standard</b>	EN 352-2
	additional requirement: W
<b>SNR</b>	30 dB
<b>Colour</b>	yellow
<b>Size</b>	L

SNR: 30 dB	H: 31 dB	M: 27 dB	L: 26 dB					
f/Hz	125	250	500	1000	2000	4000	8000	
MA dB	33.8	29.2	32.7	30.0	36.0	34.3	41.0	
SD dB	5.1	4.6	4.9	5.0	4.0	3.6	4.4	
APV dB	28.7	24.5	27.8	25.0	32.0	30.6	36.6	



2111 200



2111 700



Hearing Protection



2112 000



uvex dispenser “one2click”

- easy-to-use and robust wall-mounted dispenser
- earplugs available to hand with just one click
- collecting tray prevents earplugs from falling on the floor
- suitable for all uvex disposable earplugs
- the transparent design makes refilling easy to monitor

uvex dispenser “one2click”	
Art. no.	2112.000
Colour	transparent, grey, sky blue
Packaging	1 unit
Earplugs not included.	



2600 002



uvex K2

- earmuffs with length adjustment
- lightweight with a small cup
- easily adjustable for a perfect fit
- padded headband for optimum wearer comfort
- wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, especially when worn for long periods

uvex K2	
Art. no.	2600 002
Design	with length adjustment
Standard	EN 352-1
SNR	32 dB
Colour	black, yellow

SNR: 32 dB	H: 37 dB	M: 29 dB	L: 21 dB				
f/Hz	125	250	500	1000	2000	4000	8000
MA dB	21.0	20.7	29.8	38.6	39.0	43.8	42.8
SD dB	4.5	3.1	2.8	2.7	3.2	4.3	4.0
APV dB	16.5	17.7	27.0	35.8	35.8	39.4	38.7



2600 200



uvex K200

- dielectric ear muffs with length adjustment
- suitable for use in workplace environments with exposure to electrical voltage
- adjustable headband for a perfect fit and optimum protection
- easily adjustable for a customised fit
- range of positions possible with 360° capsule rotation

uvex K200	
Art. no.	2600 200
Design	with 360° headband adjustment
Standard	EN 352-1
SNR	28 dB
Colour	black, ochre

SNR: 28 dB	H: 33 dB	M: 25 dB	L: 18 dB				
f/Hz	125	250	500	1000	2000	4000	8000
MA dB	16.4	18.4	25.7	33.0	35.9	39.4	41.9
SD dB	3.4	3.7	2.8	3.5	3.7	4.4	4.1
APV dB	13.0	14.6	23.0	29.5	32.2	35.0	37.8





Safety Helmets

# Safety Helmets



9772 030 (with ratchet)



9772 130 (with ratchet)



9772 230 (with ratchet)



9772 320 (no ratchet)



9772 420 (no ratchet)



9772 520 (no ratchet)

## uvex pheos B · uvex pheos B-WR

- safety helmet with slots for uvex visors, earmuffs and lamps
- side Euroslot adapters (30 mm) for attaching earmuffs
- meets standard EN 397 and additional requirements for very low temperatures (-30 °C) and molten metal (MM) splash
- three variable air vents for maximum ventilation
- conventional suspension harness for comfortable adjustable fit (uvex pheos B)
- suspension harness with wheel ratchet for variable width adjustment (uvex pheos B-WR)
- six-point textile band attachment ensures optimal fit and comfort

uvex pheos B (no ratchet)					
Art. no.	9772 030	9772 130	9772 230	9772 320	9772 520
Colour	white	yellow	orange	red	blue
Version	with long brim	with long brim	with long brim	with long brim	with long brim
Standard	EN 397 -30°C, MM	EN 397 -30°C, MM	EN 397 -30°C, MM	EN 397 -30°C, MM	EN 397 -30°C, MM
Sizes	51 to 61cm	51 to 61cm	51 to 61cm	51 to 61cm	51 to 61cm

uvex pheos B-WR (with ratchet)						
Art. no.	9772 030	9772 130	9772 230	9772 330	9772 430	9772 530
Colour	white	yellow	orange	red	green	blue
Version	with long brim	with long brim	with long brim	with long brim	with long brim	with long brim
Standard	EN 397 -30°C, MM	EN 397 -30°C, MM	EN 397 -30°C, MM	EN 397 -30°C, MM	EN 397 -30°C, MM	EN 397 -30°C, MM
Sizes	52 to 61cm	52 to 61cm	52 to 61cm	52 to 61cm	52 to 61cm	52 to 61cm



9773 050



9773 350



## uvex pheos alpine

- multifunctional helmet for working at heights and rescue operations
- combination of features from the industrial protection helmet (EN 397) with the requirements for a climbing helmet (EN 12492)
- side Euroslot adapters (30 mm) for attaching earmuffs
- options for attaching head torches, goggles and face protection
- meets standard EN 397 and additional requirement for very low temperatures (-30 °C)
- firmly riveted four-point chin strap for use in accordance with EN12 492

- chin strap included (art. no. 9790.005) for use in accordance with EN397
- light ABS helmet shell offers high level of protection and durability
- six-point textile band attachment ensures optimal fit and great comfort
- suspension harness with wheel ratchet for variable width adjustment
- shorter brim for a wider field of upward vision


product  
design award

2013

uvex pheos alpine		
Art. no.	9773 050	9773 350
Colour	white	red
Version	with short brim	with short brim
Standard	EN 397	EN 397
	EN 12492	EN 12492
	-30 °C	-30 °C
Sizes	52 to 61 cm	52 to 61 cm

## uvex u-cap sport



9794 401

9794 402



9794 420

9794 421



## uvex u-cap sport

Art. no.	9794 401	9794 402
Version		
Standard	EN 812	EN 812
Colour	black	black
Sizes	55 to 59 cm	60 to 63 cm

## uvex u-cap sport vent

Art. no.	9794 420	9794 421
Version		
Standard	EN 812	EN 812
Colour	black	black
Sizes	55 to 59 cm	60 to 63 cm



uvex u-cap premium



9794 300



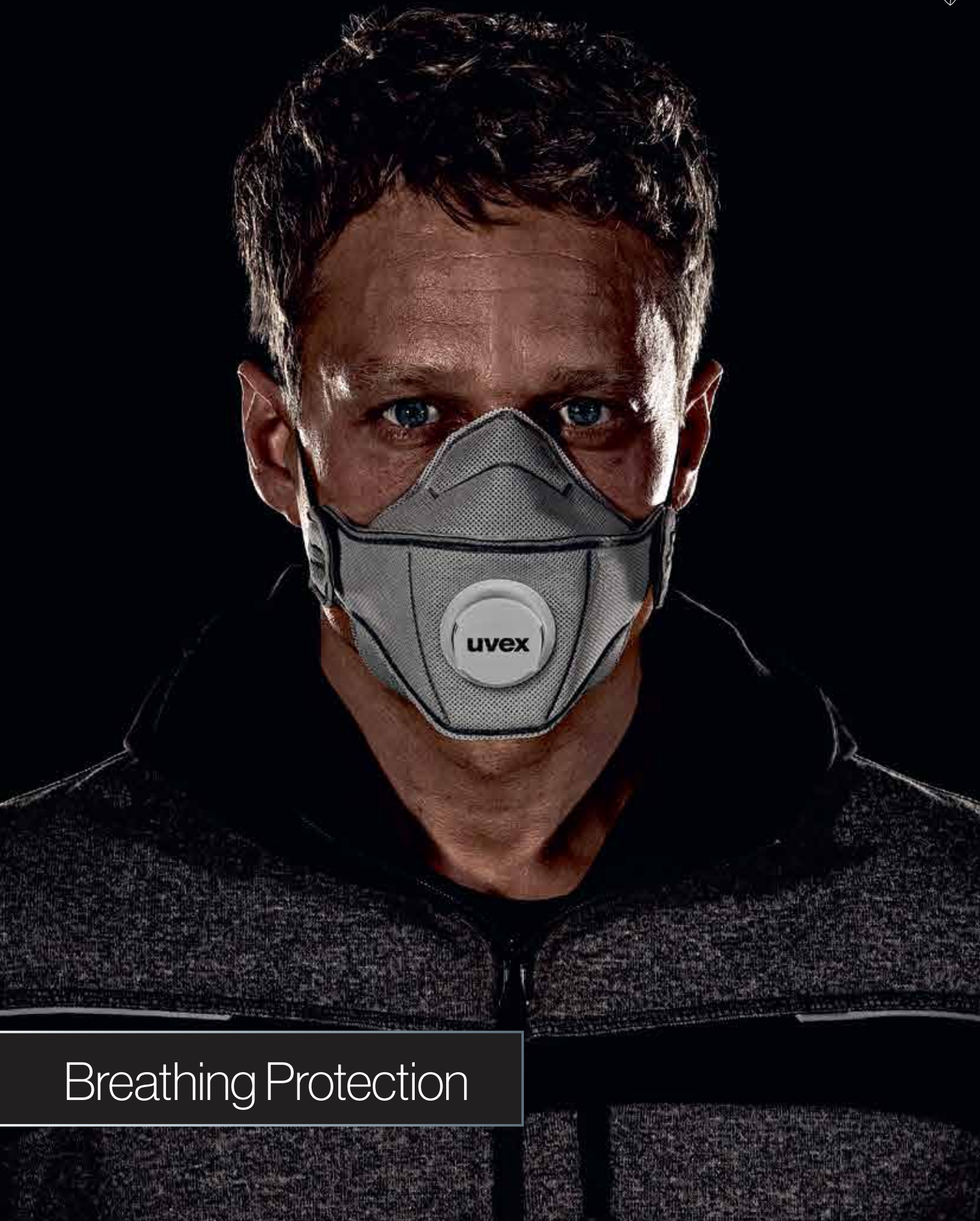
9794 301

uvex u-cap premium

- premium bump cap with an exceptional design
- protects against abrasions and impact injuries
- integrated reflective piping on the brim and textile components
- colours of the textile components comply with the requirements of EN471, offering greater visibility and safety for the user (uvex u-cap hi-viz)
- flexible plastic shell adapts to different head shapes and sizes
- foam pad inlay for increased comfort (uvex u-cap basic)
- comfortable suspension harness for great functionality and maximum wearer comfort (uvex u-cap premium)
- continuous size adjustment using adjustable band

uvex u-cap premium		
Art. no.	9794 300	9794 301
Version	with long brim	with short brim
Standard	EN 812	EN 812
Colour	anthracite	anthracite
Sizes	unisize	unisize

► **EN 812-compliant impact caps provide protection from injuries caused by hitting fixed objects. Caps do not provide sufficient protection against falling objects and can only be used in situations where a safety helmet is not obligatory as per EN 397.**



Breathing Protection

## uvex silv-Air c



8732 200

### uvex silv-Air 2200

- particle-filtering preformed mask
- seamless headband and flexible, adjustable nose clip for a comfortable, secure fit
- comfortable sealing lip in nose area for secure fit

	uvex silv-Air 2200
<b>Art. no.</b>	8732 200
<b>Version</b>	FFP 2 NR D preformed mask without valve
<b>Colour</b>	white
<b>Retail unit</b>	20 units



8732 210



### uvex silv-Air 2210

- particle-filtering preformed mask with exhalation valve
- seamless headband and flexible, adjustable nose clip for a comfortable, secure fit
- comfortable sealing lip in nose area for secure fit
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside mask

	uvex silv-Air 2210
<b>Art. no.</b>	8732 210
<b>Version</b>	FFP 2 NR D preformed mask with valve
<b>Colour</b>	white
<b>Retail unit</b>	15 units



8732 220



### uvex silv-Air 2220

- particle-filtering preformed mask with exhalation valve
- additional activated carbon filter against odours, gases and vapours below threshold
- seamless headband and flexible, adjustable nose clip for a comfortable, secure fit
- comfortable sealing lip in nose area for secure fit
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

	uvex silv-Air 2220
<b>Art. no.</b>	8732 220
<b>Version</b>	FFP 2 NR D preformed mask with valve and carbon
<b>Colour</b>	silver
<b>Retail unit</b>	15 units



8732 310



### uvex silv-Air 2310

- particle-filtering preformed mask with exhalation valve for larger face shapes
- four-point headband attachment and flexible, adjustable nose clip for a comfortable, secure fit
- very soft, all-around sealing lip for optimal wearer comfort and secure fit
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

	uvex silv-Air 2310
<b>Art. no.</b>	8732 310
<b>Version</b>	FFP3 NR D preformed mask with valve
<b>Colour</b>	white
<b>Retail unit</b>	15 units



3956 171

**uvex com4-breathe FFP2**

- particle filter: charged non-woven material
- headstrap: natural rubber latex covered with woven textile
- noseclip: tinplate,free of aluminium

	uvex com4-breathe
Art. no.	3956 171
Version	FFP 2 D
Colour	green



3956 172



**uvex com4-breathe FFP2V**

- particle filter: charged non-woven material
- headstrap: natural rubber latex covered with woven textile
- nose clip: tinplate,free of aluminium
- nose seal: PVC
- exhalation valve: (Body) Polypropylene, (Disc) Rubber

	uvex com4-breath FFPV2
Art. no.	3956 172
Version	FFP 2V D
Colour	green





Disposable  
Protective Clothing



98449



### uvex 5/6 classic Material Composition

The uvex 5/6 classic is made of an extremely light, microporous spunbond polyethylene laminate. Wearers are comfortable due to the soft, skin friendly material and combined with durable seams, providing a high level of protection against particles and liquid mist.

## uvex 5/6 classic

### General features:

- extremely lightweight and breathable material guarantees an excellent combination of comfort and safety
- particle-tight and spray-tight to a limited extent
- free of paint wetting impairment substances

### Protection features:

- middle finger loops prevent sleeves sliding up the arm
- self-adhesive zipper flap for optimal protection
- antistatic properties
- protection against infectious diseases

### Comfort features:

- skin-friendly and soft non-woven material on the inside
- elasticated waistband for a perfect fit
- secure and convenient closures thanks to elasticated bands on hood, arms and legs
- two-way zipper

### 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 5/6 classic

<b>Art. no.</b>	98449
<b>Material</b>	polypropylene spunbond, polyethylene film laminate UV protection factor UPF 50+
<b>Colour</b>	white
<b>Sizes</b>	S to 3XL
<b>Retail unit</b>	50

Certified in acc. with



EN 14126

ISO 13982-1

EN 13034



EN 1149-5

EN 1073-2

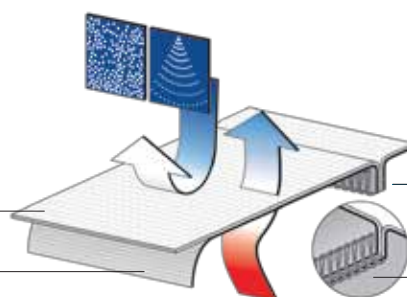


Type 5/6



microporous polyethylene film

spunbond



Overlock seam



uvex-safety.com/overalls



Three-part hood for optimum fit and unhindered vision.



Two-way zipper with adhesive flap for added safety.



Elasticated waistband for a perfect fit.

## uvex 4B



98375

### uvex 4B

#### General features:

- breathable, lightweight and flexible material for exceptional wearer comfort
- particle-tight and spray-tight
- free of paint wetting impairment substances and silicone

#### Protection features:

- orange taped seams for optimal protection and good visibility
- middle finger loops prevent sleeves sliding up the arm
- self-adhesive zipper flap for optimal protection
- anti-static properties
- protection against infectious diseases

#### Comfort features:

- skin-friendly nonwoven material inside
- elasticated waistband for optimal fit
- secure and convenient closures thanks to elasticated bands on hood, arms and legs
- two-way zipper

#### 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 and cleanroom environments
- work with asbestos and dismantling
- remediation of contaminated sites
- pharmaceutical industry and laboratories
- sampling
- livestock breeding and veterinary medicine
- waste management

#### uvex 4B

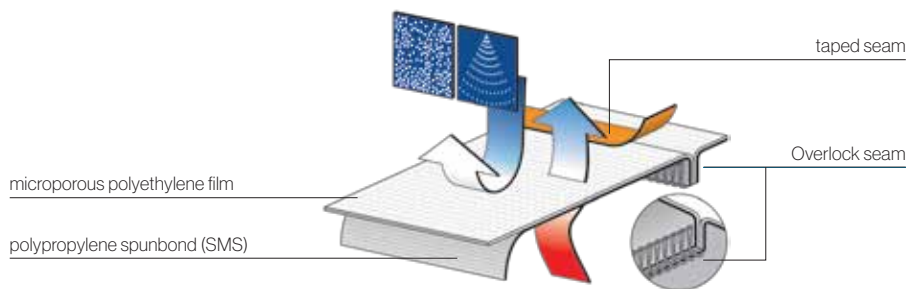
<b>Art. no.</b>	98375
<b>Material</b>	polypropylene spunbond, polyethylene film laminate
<b>Colour</b>	white, orange
<b>Sizes</b>	S to 3XL
<b>Retail unit</b>	40

Certified in acc. with



### uvex 4B Material Composition

The microporous spray-tight spunbond-polyethylene-laminate enables the uvex 4B to provide both protection and breathability. The taped seams provide outstanding protection against liquid aerosols and solid particles while the spunbond material inside makes it comfortable to wear.



[uvex-safety.com/overalls](https://uvex-safety.com/overalls)



Stitched and taped seams. Optimum protection against penetration by liquid aerosols and solid particles.



Middle finger loops for firmly securing the sleeves.



Three-part hood for optimum fit.

## uvex 3B chem classic



89880

## uvex 3B chem classic

## General features:

- highly durable material combined with ultrasonically welded and taped seams ensure an barrier and maximum safety
- liquid-tight
- low-noise material
- free of silicone and paint wetting impairment substances

## Protection features:

- offers protection against a wide range of chemicals
- middle finger loops prevent sleeves sliding up the arm
- optimal protection thanks to self-adhesive zipper flap
- antistatic properties
- protection against infectious diseases

## Comfort features:

- extremely lightweight and durable material
- skin-friendly textile grip on inside
- elasticated waistband for a perfect fit
- secure and convenient closures thanks to elasticated bands on hood, arms and legs
- comfortable zip puller

Yellow version  
available from January  
2019

## uvex 3B chem classic

Art. no. 89880

Material

Colour yellow

Sizes S to 3XL

Retail unit 25

Conformity assessment not yet completed  
(art. no. 89880)

## Certified in acc. with



EN 14126



EN 1149-5



EN 14605



EN 1073-2



EN 14605

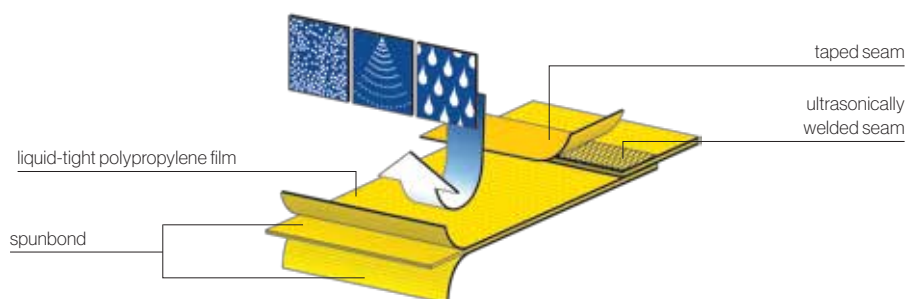


ISO 13982-1



## uvex 3B chem classic Material Composition

The extremely light and tight spunbond-polypropylene-laminate provides an effective barrier against many organic and inorganic liquid chemicals. The mechanical strength of the material and the sealed, taped seams allow the uvex 3B classic to provide protection against the highest strains without reducing comfort.



uvex-safety.com/overalls



Middle finger loops for firmly securing the sleeves.



Elasticated waistband for a customised fit.






Comfortable zipper puller and flap for increased protection.

# Disposable chemical protection

## Selecting the right chemical protection clothing

In order to select appropriate chemical protection clothing for a specific application within your business, it is important to have your overalls tested by a trained safety officer.

Many chemicals can cause serious or irreversible injury to workers if they are not adequately protected. For this reason, chemical protection clothing must be chosen with the greatest care.

			
	uvex 5/6 classic	uvex 4B	uvex 3B chem classic
	98449	98711	89880
Working with chemicals in dust or powdered form	■	□	
Working with liquid chemicals at low concentrations			
Working with organic and inorganic substances			■
Oil and petrochemicals			■
Fuel distribution			
Tank cleaning			■
Waste water treatment and drainage work			■
Waste management		■	■
Disposal of hazardous substances			■
Food industry			■
Agriculture	□	■	
Pest control		■	
Livestock breeding and veterinary medicine		■	
Clean room applications		■	
Handling paints and varnishes			■
Pharmaceutical industry and laboratory work	■	■	■
Industrial and building cleaning			□
Cleaning and maintenance work (dry)	■		
Low-pressure industrial cleaning and building cleaning		■	
Demolition and refurbishment	■	■	
Working with asbestos	■	□	
Fibreglass production and processing	■		
Quarrying and mining	■		
Cement manufacture	■		
Wood and metal processing	■		
Grinding and polishing	■		
Varnishing and protection against paint splashes	■		

■ suitable  
□ alternative





## Safety Gloves

# New classification of cut-protection gloves

## Modification to the standard for cut protection gloves

Protection classes for cut protection gloves were previously assigned in Europe in accordance with standard EN 388:2003. Due to the continuous development of technical materials – so-called ‘high-performance fibres’ – it has become necessary to adjust the methods used to test and classify these products. These changes have been implemented in standard EN 388:2016.

### Test procedure in accordance with EN 388:2003



- Cut resistance test using the coup test
- Rotating circular knife moves back and forth at a constant force (5 newtons) on the test material and rotates counter to the movement
- The index value results from the number of cycles required to the point at which the test piece is cut through, and from the degree of wear of the blade.
- Five measurements are performed in this way on each test piece. The average of the five index values confirms the corresponding performance class for the cut protection level of a safety glove.

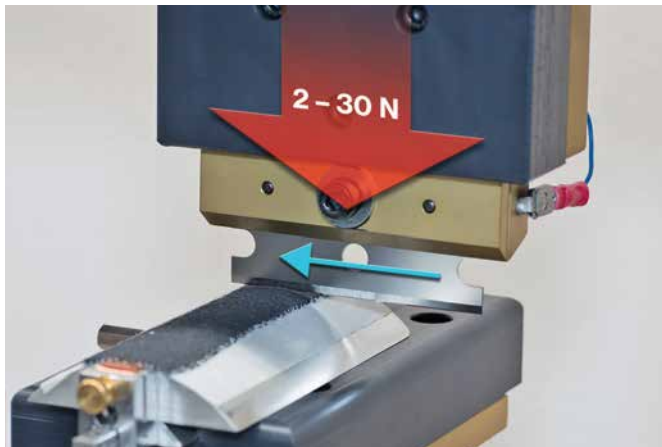
Performance class	1	2	3	4	5
Index	≥ 1,2	≥ 2,5	≥ 5	≥ 10	≥ 20

No correlation can be made between the two test procedures and performance rating. The glove still offers the same high level of cut protection in practice; the only change is to the standard-based classification of its performance.

**As a leading manufacturer of cut-protection products, we have state-of-the-art measurement technology for both standards in our own test laboratory, and are therefore available to answer any questions at any time.**

For further information regarding the EN 388:2016 and EN ISO 374-1:2016 standards, see:  
[uvex-safety.com/blog/de/tag/schutzhandschuhe/](https://uvex-safety.com/blog/de/tag/schutzhandschuhe/)

### Test procedure in accordance with EN 388:2016/ISO 13997



- Relates to cut protection gloves made from materials that cause the blades to become blunt (i.e. glass and steel fibres).
- Additional test procedure in accordance with ISO 13997: Determination of resistance of the glove to cutting by a sharp object through single contact under higher force
- Here, a long, straight blade is drawn once over the test piece. The minimum force required to cut through the test piece after 20 millimetres is determined in the process.
- The result is given in newtons (N) and assigned to a cut protection class.

Performance class	A	B	C	D	E	F
Newton value	≥ 2	≥ 5	≥ 10	≥ 15	≥ 22	≥ 30

### EN 388



4 X 3 2 D

- ↑ Cut resistance in accordance with ISO (A to F)
- ↑ Puncture resistance (0 to 4)
- ↑ Tear resistance (0 to 4)
- ↑ Coup test cut resistance (0 to 5; X = not applicable or not tested)
- ↑ Abrasion resistance (0 to 4)



MADE IN GERMANY

## uvex phynomic foam

- high dexterity safety glove for precision mechanical work
- very good mechanical abrasion resistance thanks to the damp-resistant aqua-polymer foam coating
- good grip in dry and slightly damp areas
- highly breathable coating
- outstanding tactile feel when assembling parts

Areas of application:

- precision assembly work
- inspection
- sorting
- food processing
- packaging



## uvex phynomic wet

- safety glove with water-repellent aquapolymer foam coating for use in outdoor areas
- outstanding mechanical abrasion resistance thanks to the durable coating
- very good grip in damp and wet areas
- high level of breathability due to the coating
- very good tactile feel when assembling parts

Areas of application:

- precision work
- assembly
- maintenance
- repair work



## uvex unilite 6610F

- excellent fit
- good dry and wet grip
- high abrasion resistance
- high flexibility
- mechanical strength

Areas of application:

- general maintenance work
- construction industry
- maintenance/servicing



	uvex phynomic foam
Art. no.	60050
Design	knitted cuff
Standard	EN 388 (3 1 3 1)
Material	polyamide, elastane
Coating	palm and fingertips with aqua-polymer foam coating
Suitable for	dry areas and slightly damp areas
Colour	white, grey
Sizes	7 to 11

	uvex phynomic wet
Art. no.	60060
Design	knitted cuff
Standard	EN 388 (4 1 3 1)
Material	polyamide, elastane
Coating	aqua-polymer foam coating on palm and fingertips
Suitable for	damp and oily working conditions
Colour	blue, anthracite
Sizes	7 to 11

	uvex unilite 6610F
Art. no.	60956
Design	knitted cuff
Standard	EN 388 (4 1 2 1)
Material	polyamide/elastane
Coating	NBR foam coating
Suitable for	dry areas and damp/oily conditions
Colour	grey/black
Sizes	6 - 11

## Mechanical Risks



60248



60573



60321

### uvex unipur 6639

- lightweight, high dexterity and dirt-resistant PU safety glove for mechanical precision work
- good mechanical abrasion resistance
- good grip in dry and slightly damp areas
- outstanding tactile feel
- very good fit
- highly flexible

Areas of application:

- precision assembly work
- precision work
- inspection
- sorting



### uvex unilite 6605

- lightweight knitted glove with NBR foam coating for mechanical precision work
- good mechanical abrasion resistance with the polyamide liner and coating
- good grip in dry and slightly damp areas
- breathable
- good tactile feel
- good fit
- highly flexible

Areas of application:

- precision assembly work
- fine assembly work
- inspection
- sorting



### uvex unipur 6634

- moisture-proof NBR safety glove for mechanical applications outdoors
- very good abrasion resistance with the polyamide liner and NBR coating
- good grip in damp areas
- good tactile feel
- good fit
- highly flexible

Areas of application:

- precision assembly work
- precision work
- general repair work
- maintenance



	uvex unipur 6639
<b>Art. no.</b>	60248
<b>Design</b>	knitted cuff
<b>Standard</b>	EN 388 (4 1 3 1)
<b>Material</b>	polyamide
<b>Coating</b>	palm and fingertips coated with polyurethane coating
<b>Suitable for</b>	dry and slightly damp areas
<b>Colour</b>	black, black
<b>Sizes</b>	7 to 11

	uvex unilite 6605
<b>Art. no.</b>	60573
<b>Design</b>	knitted cuff
<b>Standard</b>	EN 388 (4 1 2 2)
<b>Material</b>	polyamide
<b>Coating</b>	palm and fingertips coated with nitrile foam coating
<b>Suitable for</b>	dry and slightly damp areas
<b>Colour</b>	black, black
<b>Sizes</b>	7 to 11

	uvex unipur 6634
<b>Art. no.</b>	60321
<b>Design</b>	knitted cuff
<b>Standard</b>	EN 388 (4 1 3 3)
<b>Material</b>	polyamide
<b>Coating</b>	palm and fingertips coated with NBR coating
<b>Suitable for</b>	damp, oily or greasy areas of application
<b>Colour</b>	grey, black
<b>Sizes</b>	7 to 10





60494



60492



**climazone**  
MADE IN GERMANY



## uvex C500

- cut protection safety gloves with outstanding wearer comfort
- outstanding mechanical abrasion resistance thanks to the innovative SoftGrip coating (uvex C500 foam and uvex C500 wet)
- very good grip in dry (all models), slightly damp (uvex C500 foam) and wet (uvex C500 wet) environments
- very high level of cut protection with patented uvex Bamboo TwinFlex® technology

- in line with EN 407, the model is suitable for contact heat up to +100 °C (uvex C500 foam and C500 sleeve)
- highly flexible
- very good tactile feel
- perfect fit with 3D Ergo technology
- silicone-free according to imprint test

Areas of application:

- automotive industry
- assembly
- maintenance
- metalworking
- shipping/logistics
- sorting
- glass handling
- sheet metal processing
- maintenance
- paper industry
- building and construction industry
- iron/steel industry



	uvex C500 foam	uvex C500 wet
Art. no.	60494	60492
Design	knitted cuff	knitted cuff
Standard	EN 388 (4 X 4 2 C), EN 407 (X 1 X X X X)	EN 388 (4 X 4 2 C), EN 407 (X 1 X X X X)
Material	bamboo rayon, HPPE, glass, polyamide	bamboo rayon, HPPE, glass, polyamide
Coating	palm and fingertips with high performance elastomer (HPE) and Soft Grip foam coating	palm and fingertips with high performance elastomer (HPE) coating
Suitable for	dry areas of application	damp, oily or greasy areas of application
Colour	lime, anthracite	lime, anthracite
Sizes	7 to 10	7 to 10



## Mechanical Risks



60604



### uvex D500 foam

- excellent dexterity
- high abrasion resistance thanks to the innovative Soft-Grip-Coating
- very good grip in slightly damp environments
- very high uvex cut protection with Bamboo Twin Flex® Technology
- high flexibility
- very good tactile feel
- perfect fit with 3D Ergo man mold technology

- Areas of application:
- automotive industry
  - construction
  - brewery, beverage industry
  - glass industry
  - maintenance, servicing
  - metal work industry



	uvex D500 foam
Art. no.	60604
Design	knitted cuff
Standard	EN 388 (4 X 4 2 D)
Material	bamboo-rayon, Dyneema® Diamond, steel, polyamide
Coating	palm and fingertips with high-performance elastomer (HPE) and SoftGrip foam coating
Suitable for	dry areas and slightly damp areas
Colour	lime, anthracite
Sizes	7 to 11



60081



MADE IN GERMANY

### uvex phynomic C5

- lightweight and sensitive all-round cut protection safety glove for mechanical activities
- very good mechanical abrasion resistance thanks to the moisture-resistant aqua-polymer foam coating
- very good grip in dry and slightly damp areas
- very good cut protection (level C) and high tear resistance
- highly breathable coating
- outstanding tactile feel when assembling parts
- outstanding protection for the wearer and the product

- Areas of application:
- precision assembly work
  - precision work
  - inspection
  - sorting
  - food processing



	uvex phynomic C5
Art. no.	60081
Design	knitted cuff
Standard	EN 388 (4 X 4 2 C)
Material	Dyneema® Diamond Technology, polyamide, elastane
Coating	palm and fingertips with aqua-polymer foam coating
Suitable for	dry areas and slightly damp areas
Colour	blue, grey
Sizes	6 to 12



60969

## uvex unidur 6659 foam

- cut protection glove with NBR foam coating and HPPE/glass fibre
- outstanding mechanical abrasion resistance with NBR coating
- good grip in dry and slightly damp areas
- high level of cut protection with HPPE and glass fibre combination
- very good tactile feel
- highly flexible
- outstanding comfort

Areas of application:

- automotive industry
- assembly
- maintenance
- metalworking
- shipping/logistics



## uvex unidur 6679 foam

- cut protection safety glove with NBR foam coating and HPPE/steel fibres
- highly durable NBR foam coating for outstanding mechanical resistance and increased product life
- good grip in dry and slightly damp areas
- very good cut protection (level D) thanks to HPPE/steel fibre combination
- very good tactile feel
- high flexibility
- very good wearer comfort

Areas of application:

- automotive industry
- metal industry
- packaging



	uvex unidur 6659 foam
<b>Art. no.</b>	60938
<b>Design</b>	knitted cuff
<b>Standard</b>	EN 388 (4 X 4 3 C)
<b>Material</b>	HPPE, glass, polyamide
<b>Coating</b>	palm and fingertips with nitrile foam coating
<b>Suitable for</b>	dry areas and slightly damp areas
<b>Colour</b>	mottled grey, black
<b>Sizes</b>	7 to 11

	uvex unidur 6679 foam
<b>Art. no.</b>	60969
<b>Design</b>	knitted cuff
<b>Standard</b>	EN 388 (4 X 4 4 D)
<b>Material</b>	HPPE, steel, nylon, elastane
<b>Coating</b>	palm and fingertips with nitrile foam coating
<b>Suitable for</b>	dry areas and slightly damp areas
<b>Colour</b>	grey, black
<b>Sizes</b>	7 to 11

# Mechanical Risks



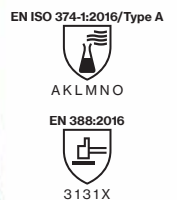
60961



60122



60119



## uvex u-chem 3000

- full chemical protection glove, certified in line with EN374 (AJKLOT)
- good mechanical protection
- good chemical resistance
- good mechanical resistance
- long service life

Areas of application:

- repair work
- metal working
- cleaning
- chemical industry
- printing industry

## uvex profastrong

- sensitive NBR chemical protection glove with flocked cotton
- outstanding mechanical abrasion resistance
- good grip in damp and wet areas thanks to the palm Grip structure
- good resistance to many oils, grease, acids and alkalis
- good tactile feel
- good fit
- highly flexible

Areas of application:

- automotive industry
- chemical industry
- printing industry
- laboratories
- food industry

## uvex profapren

- flexible chloroprene chemical protection glove with flocked cotton
- good grip in damp and wet areas thanks to the Grip structure in the palm
- good resistance to many chemicals and solvents
- good tactile feel
- very good fit
- highly flexible

Areas of application:

- chemical industry
- printing industry
- metalworking (cleaning)
- cleaning work

	uvex u-chem 3000
Art. no.	60961
Design	cuff, fully coated
Standard	EN 388 (4 1 3 1 X), EN ISO 374-1: 2016 Type A (A J K L O T) EN 407 (X 1 X X X X)
Material	cotton interlock
Coating	NBR (nitrile butadiene rubber), approx. 0.50 mm
Suitable for	good resistance to grease, mineral oils and chemicals
Colour	green
Sizes	7 to 11

	uvex profastrong NF33
Art. no.	60122
Design	gauntlet, palm with grip structure, approx. 33 cm
Standard	EN 388 (4 1 0 1 X), EN ISO 374-1: 2016/ Type A (A K L M N O)
Material	flocked cotton
Coating	fully coated with NBR (nitrile rubber), approx. 0.38 mm
Suitable for	good resistance to oils, grease, acids and solvents
Colour	green
Sizes	7 to 10

	uvex profapren CF33
Art. no.	60119
Design	gauntlet, roughened palm, approx. 33 cm
Standard	EN 388 (3 1 3 1 X), EN ISO 374-1: 2016/ Type A (A K L M N O)
Material	flocked cotton
Coating	fully coated with polychloroprene (latex inner), approx. 0.71 mm
Suitable for	good resistance to many chemicals
Colour	dark blue
Sizes	7 to 10



Individual PPE

## Prescription Safety Eyewear

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### Optics



Prescription safety spectacles protect the eyes, and improve the wearer's vision. uvex offers individual prescription safety and VDU (visual display unit) spectacles for all areas of application.

- Prescription safety spectacles certified in accordance with EN 166
- A wide selection of focus types and lens materials to meet all requirements
- An extremely wide range of frames, cater for all employee facial shapes
- Qualified advice and individual adjustment opticians

## Individual Hearing Protection

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### Otoplastics



Excessive noise in the workplace can lead to irreversible damage to hearing. Individually adapted uvex otoplastics fit perfectly ensuring maximum wearer protection and comfort.

- Tailor-made hearing protection certified in accordance with EN 352
- A wide selection of filters, otoplastic shapes and materials ensures appropriate hearing protection is available for (virtually) all areas of application
- Individual adjustments carried out by qualified specialists

For more information on the above PPE products, contact uvex directly.



The virtual companion for prescription safety spectacles

Optimal selection of products – conveniently on the iPad.

What are the advantages of the different lens types and coatings for innovative uvex prescription safety spectacles? Find the optimum product to meet requirements quickly and easily using the practical uvex RX app.

For example, test at the touch of a button the effect different filters have on the optical properties of spectacles. The app includes striking videos which show the impact tests conducted to determine the stability of lenses. Comprehensive product brochures can also be downloaded for detailed information.

#### Range of information

Which prescription safety spectacles are best for your requirements? The uvex RX app offers comprehensive information, from innovative product specifications to impact test videos.

#### Realistic perspective

The uvex RX app provides a realistic experience of vision through varifocal lenses.



[www.uvex-safety.com/uvex\\_app/uvex-rx](http://www.uvex-safety.com/uvex_app/uvex-rx)



#### View everything

The uvex RX app makes product selection easier.

## Benefit from our knowledge

The uvex academy provides 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 (page 07)
- Safety spectacles/goggles (page 14)
- Hearing protection (page 25)
- Safety helmets (page 31)
- Breathing protection (page 35)
- Disposable protective clothing (page 38)
- Hand protection (page 43)
- Individual PPE (page 51)





# uvex



## **DURBAN**

Tel: 031 569 6780

Fax: 031 569 6781

e-mail: [info@uvex.co.za](mailto:info@uvex.co.za)

## **CENTURION**

Tel: 012 345 6656

Fax: 012 345 6663

e-mail: [safety@uvex.co.za](mailto:safety@uvex.co.za)

**protecting people**