

# uvex

2018



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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 CO<sub>2</sub>savings of more than 7000 tonnes
- our earplug production process is waterless and virtually CO<sub>2</sub>-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.**



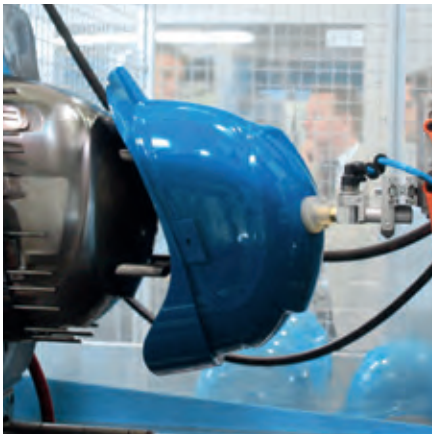


For more information, scan the QR code:  
[uvex-group.com/en/responsibility/sustainability-report](https://uvex-group.com/en/responsibility/sustainability-report)



# 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.

The uvex plant in Ellefeld, Saxony, specialises in corporate fashion and protective clothing: The service offering ranges from the initial idea through to delivery of custom-made textiles.

“Made in uvex” also applies to the European plants, such as the Swedish hearing protection professionals, SwedSafe, or our shoe manufacturers in Italy – ensuring the high requirements of the products and services are met at all times.



# uvex safety + uvex sports. A perfect team.



**uvex products protect people at work as well as in sport and leisure. As a partner of international top-level sport, uvex equips over 1,000 professional athletes world-wide, e.g. with ski goggles, equestrian riding helmets and cycling helmets.**

The transfer of knowledge between uvex safety and uvex sports makes our products even safer, more functional and more comfortable – both product divisions benefit mutually from the collaboration.

This was perfectly demonstrated in the Challenge Roth 2017, the biggest long-distance triathlon competition in the world: uvex safety provided equipment to the construction team and uvex sports equipped the athletes – that's what you call successful team work.





# Outstanding. In innovation and design.

The brand uvex has an outstanding reputation worldwide. Countless national and international prizes have been awarded for first-class performance.

## Company

**uvex**



in the tools category



## uvex u-cap sport



## uvex u-sonic



## uvex 1 x-tended support



## uvex pheos helmet system



## uvex was awarded the Plus X Award for the most innovative brand of 2017.

Deutsche Standards (German Standards) named uvex a Brand of the Century, with its innovative safety eyewear (2016) representing an entire category of products.

In 2017, uvex was awarded the Plus X Award – the world's biggest innovation prize for technology, sport and lifestyle – as the most innovative brand of the year in the "Tool" category.

As one of the most innovative companies among small and medium-sized enterprises in Germany, uvex has also been awarded the TOP 100 quality seal on a number of occasions – including in 2013 when it was the overall winner.

Prestigious design awards, including the iF product design award, the red dot design award and the German Design Award confirm that uvex products meet the highest demands for functionality while still looking good.

### uvex 2



### uvex professional metal processing system



### uvex pheos cx2



## 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.

- Laser protection
- Protective eyewear
- Prescription safety spectacles/goggles
- Hearing protection
- Hand protection
- Protective footwear
- Internships







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**

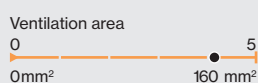
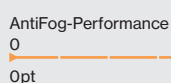
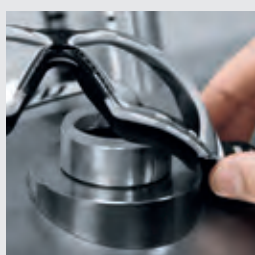
- Test method: Sealing at defined pressing force
- Test result: Open remaining circumference = 2.0 cm



## 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>





## 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.

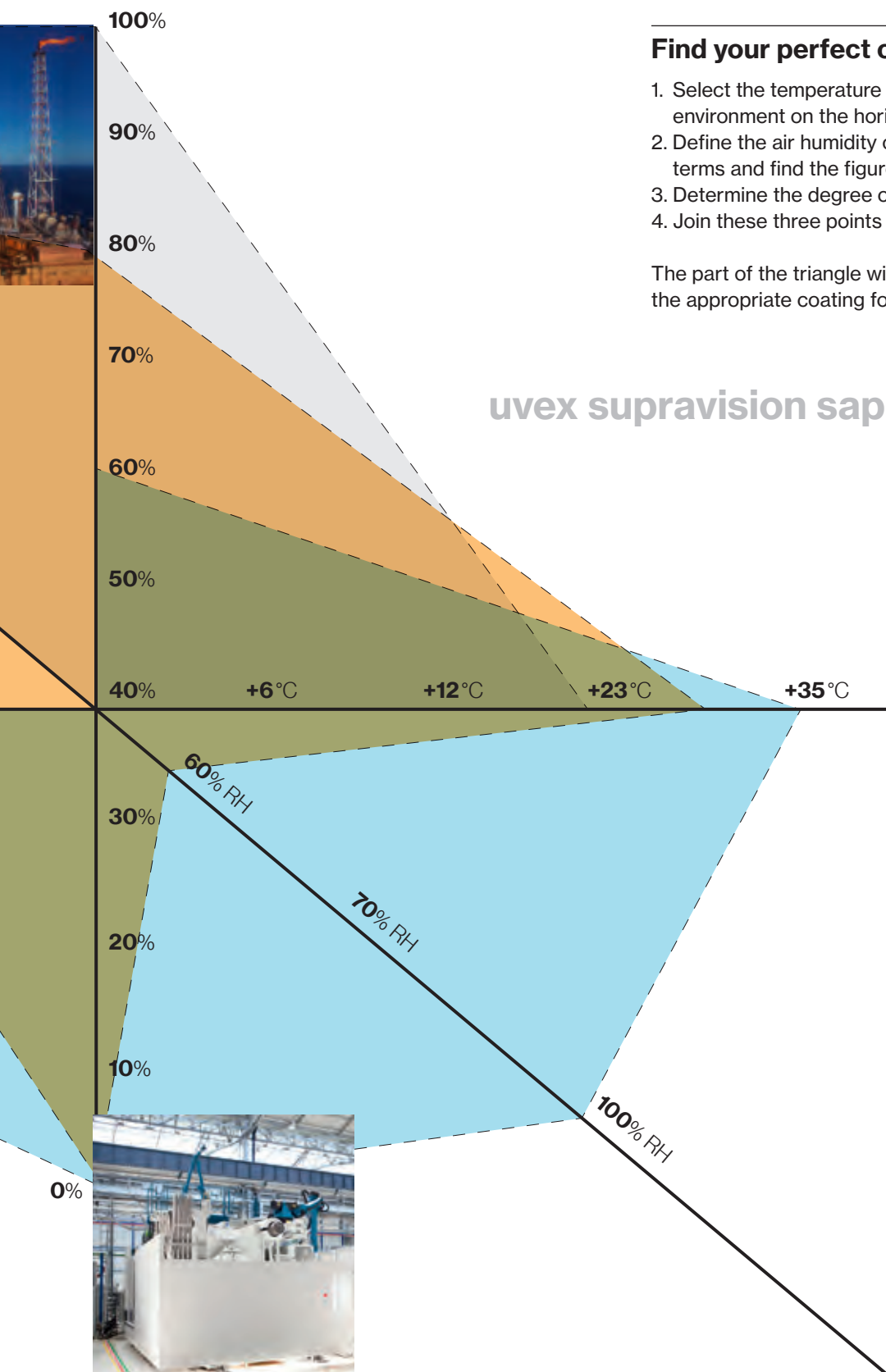


#### uvex supravision plus

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.

# Coating technology

**dirty**



## Find your perfect coating

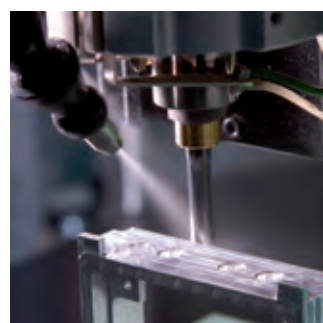
1. Select the temperature which best represents your working environment on the horizontal temperature axis.
2. Define the air humidity of the surroundings in percentage terms and find the figure on the diagonal axis.
3. Determine the degree of dirt on the vertical axis.
4. Join these three points to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

## 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.

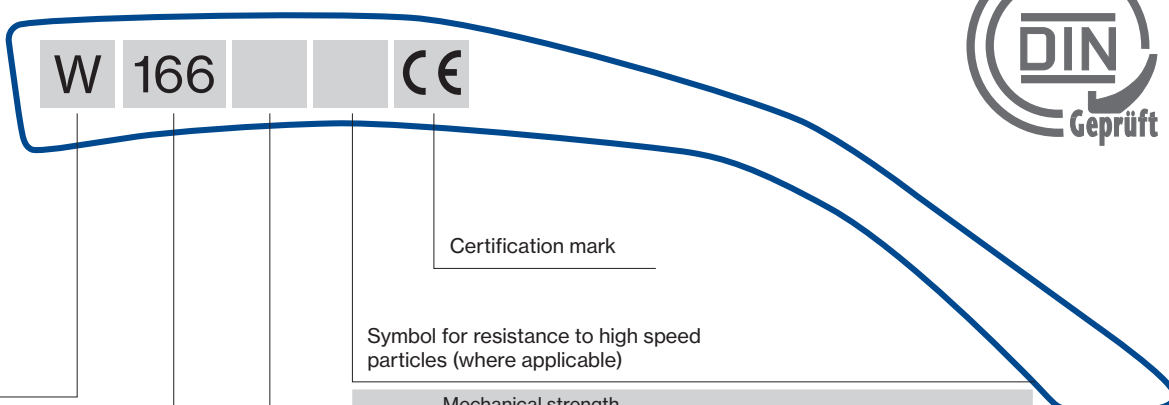
### **uvex infradur plus**

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



# Labelling and norms

## Marking on frame



Identification of the manufacturer

Number of the EN standard

Field(s) of use (where applicable)

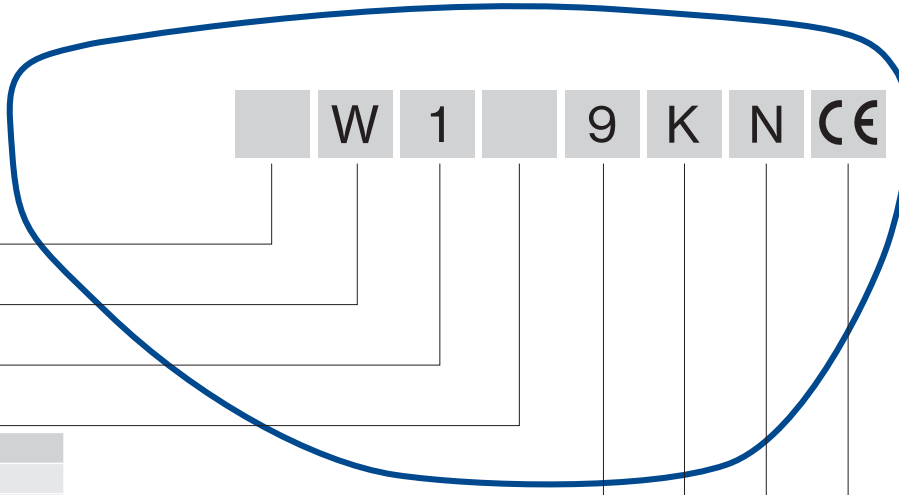
Certification mark

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 (45m/s)
B	medium energy impact (120m/s)
A	high energy impact (190m/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 (45m/s)
B	medium energy impact (120m/s)
A	high energy impact (190m/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

# Lens tinting

A lens solution for every light environment



## CLEAR

Protection: UV 400  
UV/markings: 2(C)-1.2  
Transmission: approx. 91%  
Standards: EN 166, EN 170

**Anti-glare mechanical hazard**  
protection



## AMBER

Protection: UV 400  
UV/markings: 2(C)-1.2  
Transmission: approx. 88%  
Standards: EN 166, EN 170

**Anti-glare mechanical hazard**  
protection **with enhanced**  
**contrast effect**



## CBR 65

Protection: UV 400  
Markings: 5-1.4  
Transmission: 65%  
Standards: EN 166, EN 172

Protection **offering relaxing,**  
**focused vision**  
uvex sportstyle (page 22)  
uvex pheos cx2 (page 24)



## AR (anti-reflective)

Protection: UV 400  
UV/markings: 2(C)-1.2  
Transmission: approx. 96.5%  
Standards: EN 166, EN 170

Optimum **anti-reflective**  
protection with high degree  
of light transmission  
uvex sportstyle (page 22)  
uvex i-3, uvex i-3 s (page 26/27)

tint with glare protection not necessary ←



74–100% transmission



58–80% transmission



# Lens tinting



## BROWN

Protection: UV 400  
Marking: 5-2.5  
Transmission: 20%  
Standards: EN 166, EN 172  
uvex i-vo (p. 34), uvex ultrasonic (p. 43)

Protection against **natural glare** with **signal colour recognition** and **increased contrast effect**



## POLAVISION

Protection: UV 400  
Marking: 5-3.1  
Transmission: 14%  
Standards: EN 166, EN 172

**Reduction** of irritating surface reflection by **filtering scattered light**  
uvex polavision (p. 36)



## SILVER MIRROR 53%

Protection: UV 400  
Marking: 5-1.7  
Transmission: 53%  
Standards: EN 166, EN 172

Protection in **changing light conditions**  
uvex pheos/uvex pheos s (p. 30),  
uvex i-works (p. 28),  
uvex skybrite sx2 (p. 36)



## SILVER MIRROR 12%

Protection: UV 400  
Marking: 5-3.1  
Transmission: 12%  
Standards: EN 166, EN 172

Protection from both highly **artificial light** and **natural glare conditions**  
uvex i-3 (p. 26)



## GREY 23%

Protection: UV 400  
Marking: 5-2.5  
Transmission: 23%  
Standards: EN 166, EN 172

Protection against **natural glare** with **signal colour recognition**



## GREY 14%

Protection: UV 400  
Marking: 5-3.1  
Transmission: 14%  
Standards: EN 166, EN 172

Protection against **natural glare** with **signal colour recognition**  
uvex astrospec 2.0 (p. 29),  
uvex u-sonic (p. 42)

tint with contrast adjustment recommended



tint with contrast adjustment not necessary



▶ tint with glare protection recommended



43–58% transmission



18–29% transmission



8–18% transmission



## uvex x-fit

### Stability through x design

The uvex x-fit weighs just 23 gram. This sporty safety spectacle cannot fail to impress with its optimum coverage of the eyes and high level of wearer acceptance.

The x design of the lens and the translucent side arms make the uvex x-fit a real highlight.



**Perfect fit and coverage of the whole eye area**  
suits all head sizes

**Lightweight safety spectacles**  
weighing just 23 grams



**Innovative hinged side arm design**  
metal-free



**x design**  
for stability

**uvex supravision**  
coating technology

**UV 400 protection**  
also available in an amber lens  
or as a sunglare filter lens



# Safety Spectacles

uvex x-fit



9199. 265



9199. 085



9199. 280



9199. 286

## 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	9199.085	9199.280	9199.286
Version	uvex supravision excellence	uvex supravision sapphire	uvex supravision excellence sunglare filter	uvex supravision excellence
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170
Frame	blue translucent	grey translucent	grey translucent	grey translucent
Lens	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE
	PC clear	PC clear	PC grey 23%	PC amber
	UV 400	UV 400	sunglare filter UV 400	UV 400
	2C-1.2 W1 FTKN CE	2C-1.2 W1 FTKN CE	5-2.5 W1 FTKN CE	2C-1.2 W1 FTKN CE
Retail unit	5	5	5	5

## uvex sportstyle

23 g, 100% performance

Whatever your industrial workplace environment the uvex sportstyle delivers the perfect combination of performance, safety and style. The distinct close fitting athletic design, unrivalled uvex scratch resistant and anti-fog lens coating technology provides a wide field of vision. The ergonomic fit and extra soft, adjustable noise piece enables wearers to achieve a comfortable customised fit, throughout the day.



**Also available with sun protection**  
in a sporty design (UV 400).

### Outstanding wearer comfort

due to uvex duo component technology  
which combines hard and soft materials.

**A genuine  
lightweight**  
at only 23 g.



robust outside

soft inside

**Optimal vision**  
with innovative lenses.

**Perfect fit**  
for all head shapes and sizes.

**uvex supravision  
coating technology**  
for ultimate clear vision.





# Safety Spectacles

uvex sportstyle



## 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

### Areas of application:

- uvex supravision AR: working conditions with strong lighting or mixed lighting
- uvex supravision variomatic: offshoring, maritim

uvex sportstyle							
Art. no.	9193.376	9193.265	9193.280	9193.838	9193.880	9193.080	9193.064
Design	uvex supravision extreme	uvex supravision excellence	uvex supravision extreme sunglare filter	uvex supravision AR super anti-reflective lenses	uvex supravision variomatic self-tinting lenses	uvex supravision plus Oil & gas	uvex supravision extreme sunglare filter
Standard Frame	EN 166, EN 170 black, petrol W 166 FT CE	EN 166, EN 170 black, lime W 166 FT CE	EN 166, EN 172 white, black W 166 FT CE	EN 166, EN 170 black, blue W 166 FT CE	EN 166, EN 172 black, anthracite W 166 FT CE	EN 166, EN 170 black, grey W 166 FT CE	EN 166, EN 172 white, black W 166 FT CE
Lens	PC clear UV 400 2C-1.2 W 1 FTKN CE	PC clear UV 400 2C-1.2 W 1 FTKN CE	PC grey 23% UV 400 5-2.5 W 1 FTKN CE	PC clear UV 400 2C-1.2 W 1 FT CE	PC light green UV 400 5-1.1 <2 W 1 FTN CE	PC clear UV 400 2C-1.2 W 1 FT KN CE	PC CBR 65 UV 400 5-1.4 W 1 FT KN CE
Retail unit	5	5	5	5	5	5	5

uvex

## uvex pheos cx2

Comfort that fits



**x-twist technology**  
for secure fit, comfort and protection,  
ergonomic adjustment to individual  
head shapes thanks to the slight spring  
effect of the specially designed frame



**"X" brand**  
modern, sporty design



**X-tended eyeshield**  
soft component connected  
directly onto the lens



Robust  
hard components

Comfortable  
soft components

**Perfect fit**  
for all facial shapes

**Excellent ventilation**  
for healthy eyes

**uvex supravision  
coating technology**  
for the ultimate clear vision.

Also available with amber or  
as sunglare filter lens  
with UV 400 protection



reddot design award  
winner 2016

# Safety Spectacles

uvex pheos cx2



9198. 256



9198. 275

9198. 257



9198. 237



9198. 258



9198. 285



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

► Also available as wide-vision goggles (see page 38)

uvex pheos cx2							
Art. no.	9198.256	9198.237	9198.285	9198.257	9198.258	9198.064	9198.275
Version	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence	uvex supravision sapphire
Standard	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170
Frame	black, light blue	white, black	black, yellow	blue, grey	red, grey	white, black	blue, grey
Lens	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE
	PC clear	PC grey 23%	PC amber	PC clear	PC clear	PC CBR 65	PC clear
	UV 400	UV 400	UV 400	UV 400	UV 400	UV 400	UV 400
	2C-1.2 W 1 FTKN CE	5-2.5 W 1 FTKN CE	2C-1.2 W 1 FTKN CE	2C-1.2 W 1 FTKN CE	2C-1.2 W 1 FTKN CE	5-1.4 W 1 FTKN CE	2C-1.2 W 1 FT K CE
Retail unit	5	5	5	5	5	5	5



## Safety Spectacles

uvex i-3



### uvex i-3 • uvex i-3 s

- fashionable, 3-component safety spectacles with innovative features
- metal-free
- available in standard size or a narrow version
- reliable protection provided by the customised fit: multi-level side arm inclination allows the wearer to adjust the spectacles to suit their own face shape
- soft, adjustable nose loops, soft, anti-slip sidearm pieces and metal-free hinged side arms (3-component technology) for high wearer comfort without pressure points

- Areas of application:
- uvex supravision AR: Working conditions with strong lighting or mixed lighting
  - uvex supravision variomatic: Offshore, maritime



uvex i-3						
Art. no.	9190.275	9190.070	9190.280	9190.220	9190.281	9190.880
Design	uvex supravision excellence	uvex supravision sapphire	uvex supravision excellence	uvex supravision excellence contrast-enhancing	uvex supravision excellence sunglare filter	uvex supravision variomatic self-tinting lenses
Standard Frame	EN 166, EN 170 anthracite, blue W 166 FT CE	EN 166, EN 170 graphite, olive W 166 FT CE	EN 166, EN 170 black, light grey W 166 FT CE	EN 166, EN 170 anthracite, yellow W 166 FT CE	EN 166, EN 172 black, light grey W 166 FT CE	EN 166, EN 172 black, anthracite W 166 FT CE
Lens	PC clear UV 400 2C-1.2 W 1 FTKN CE	PC clear UV 400 2C-1.2 W 1 FTKN CE	PC clear UV 400 2C-1.2 W 1 FTKN CE	PC amber UV 400 2C-1.2 W 1 FTKN CE	PC grey 23% UV 400 5-2.5 W 1 FTKN CE	PC light green UV 400 5-1.1 <2 W 1 FKN
Retail unit	5	5	5	5	5	5

uvex i-3					Replacement lens
Art. no.	9190.885	9190.175	9190.838	9190. 839	9190.258
Design	AF on the inside sunglare filter, silver mirror	uvex supravision plus Oil & gas	uvex supravision AR super anti-reflective lenses	uvex supravision AR super anti-reflective lenses	uvex supravision excellence
Standard Frame	EN 166, EN 172 black, light grey W 166 FT CE	EN 166, EN 170 black, light grey W 166 FT CE	EN 166, EN 170 black, blue W 166 FT CE	EN 166, EN 170 black, blue W 166 FT CE	EN 166, EN 170
Lens	PC silver mirror grey UV 400 5-3.1 W 1 FT CE	PC clear UV 400 2C-1.2 W 1 FTKN CE	PC clear UV 400 2C-1.2 W 1 FT CE	PC clear UV 400 2C-1.2 W 1 FT CE	PC clear UV 400 2C-1.2 W 1 FTKN CE
Retail unit	1	5	1	5	5

# Safety Spectacles

uvex i-3 s



9190.075



9190.086



9190.065



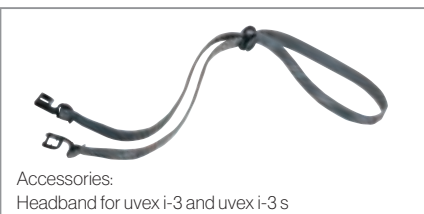
9190.039



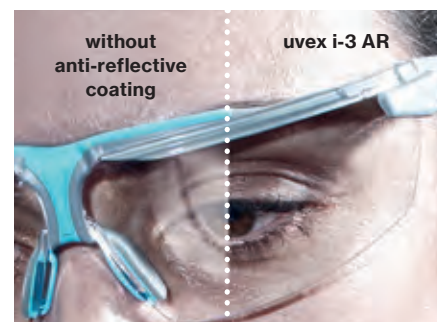
9190.080



Extra frame for uvex i-3, standard size

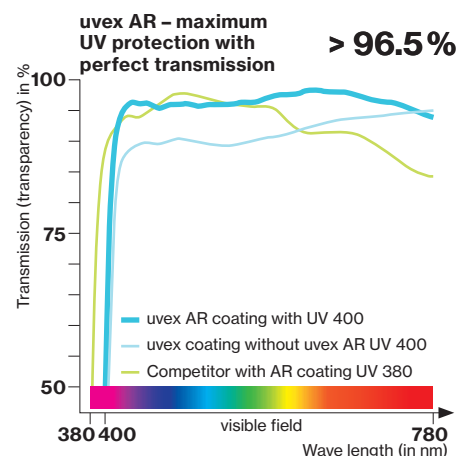


Accessories:  
Headband for uvex i-3 and uvex i-3 s



## 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	9190.075	9190.065	9190.080
Design	uvex supravision excellence narrow version	uvex supravision excellence narrow version	uvex supravision sapphire narrow version	uvex supravision plus Oil & gas narrow version
Standard Frame	EN 166, EN 170 anthracite, lime	EN 166, EN 170 blue, grey	EN 166, EN 170 black, grey	EN 166, EN 170 black, grey
Lens	PC clear UV 400	PC clear UV 400	PC clear UV 400	PC clear UV 400
Retail unit	2C-1.2 W 1 FTKN CE	2C-1.2 W 1 FTKN CE	2C-1.2 W 1 FTKN CE	2C-1.2 W 1 FTKN CE

Art. no.	uvex i-3 s	9190.086	9190.039	9190.001	Accessories
Design	uvex supravision excellence sunglare filter narrow version	uvex supravision AR super anti-reflective lenses narrow version	uvex supravision AR super anti-reflective lenses narrow version	Extra frame for uvex i-3 standard size	9958.009 Headband for uvex i-3 and uvex i-3 s
Standard Frame	EN 166, EN 172 blue, grey	EN 166, EN 170 black, blue	EN 166, EN 170 black, blue	black	anthracite, grey
Lens	PC grey 23% UV 400	PC clear UV 400	PC clear UV 400		
Retail unit	5-2.5 W 1 FTKN CE	2C-1.2 W 1 FT CE	2C-1.2 W 1 FT CE	5	5

## Safety Spectacles

uvex i-works



9194. 171



9194. 175



9194. 270



9194. 365



9194. 885



### uvex i-works

- safety spectacles with a sporty design: attractive appearance and robust quality
- metal-free
- uvex supravision coating technology
- duo component technology which combines hard and soft components, soft grip side arms, deliver non-slip fit without pressure points
- low profile side arms with practical hang cord attachment option
- can be easily combined with other PPE
- suitable for the uvex helmet IES (Integrated Eyewear System) see page 93

uvex i-works					
Art. no.	9194.171	9194.175	9194.270	9194.365	9194.885
Version	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence sunglare filter	uvex supravision excellence	AF on the inside silver mirror
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170	EN 166, EN 172
Frame	anthracite, blue	anthracite, green	anthracite, grey	black, yellow	black, grey
Lens	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE
	PC clear	PC clear	PC grey 23%	PC amber	PC silver mirror grey
	UV 400	UV 400	UV 400	UV 400	UV 400
	2C-1.2 W 1 FTKN CE	2C-1.2 W 1 FTKN CE	5-2.5 W 1 FTKN CE	2C-1.2 W 1 FTKN CE	5-1.7 W 1 FTKN CE
Retail unit	5	5	5	5	5



# Safety Spectacles

uvex astrospec 2.0 · uvex astrospec



9164. 065



9164. 220



9164. 187



9164. 275



9164. 387



9164. 285



9164. 246



## 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

uvex astrospec 2.0				
Art. no.	9164.065	9164.275	9164.285	9164.220
Design	uvex supravision sapphire	uvex supravision extreme	uvex supravision excellence	uvex supravision excellence contrast-enhancing
Standard, Frame	EN 166, EN 170 blue, light blue W 166 FT CE	EN 166, EN 170 anthracite, petrol W 166 FT CE	EN 166, EN 170 black, lime W 166 FT CE	EN 166, EN 170 black, yellow W 166 FT CE
Lens	PC clear, UV 400 2C-1.2 W 1 FTK CE	PC clear, UV 400 2C-1.2 W 1 FTKN CE	PC clear, UV 400 2C-1.2 W 1 FTKN CE	PC amber, UV 400 2C-1.2 W 1 FTKN CE
Retail unit	5	5	5	5

Art. no.	9164.387	9164.246	9164.187
Design	uvex supravision excellence sunglare filter	uvex supravision excellence sunglare filter	uvex supravision plus
Standard, Frame	EN 166, EN 172 black, grey W 166 FT CE	EN 166, EN 172 neon orange, black W 166 FT CE	EN 166, EN 170 black, grey W 166 FT CE
Lens	PC grey 14%, UV 400 5-3.1 W 1 FTKN CE	PC grey 23%, UV 400 5-2.5 W 1 FTKN CE	PC clear, UV 400 2C-1.2 W 1 FTKN CE
Retail unit	5	5	5



9168. 017



9168. 035



9168. 265



9168. 465

## uvex astrospec

- one of the world's best-selling safety spectacles
- reliable protection provided by its perfect fit: multi-level side arm inclination and four different side arm lengths allow the wearer to adjust the spectacles to suit their own face shape
- integrated side protection
- panoramic polycarbonate lens with a flat lens shape for unrestricted vision
- soft, duo-flex ear pieces

uvex astrospec				
Art. no.	9168.035	9168.017	9168.465	9168.265
Design	uvex supravision sapphire	uvex supravision sapphire sunglare filter	uvex supravision plus Asian bridge	uvex supravision excellence
Standard, Frame	EN 166, EN 170 yellow, black W 166 F CE	EN 166, EN 172 yellow, black W 166 F CE	EN 166, EN 170 blue W 166 F CE	EN 166, EN 170 blue W 166 F CE
Lens	PC clear, UV 400 2-1.2 W 1 F DIN CE	PC grey 23%, UV 400 5-2.5 W 1 F DIN CE	PC clear, UV 400 2-1.2 W 1 F DIN CE	PC clear, UV 400 2-1.2 W 1 FKN DIN CE
Retail unit	5	5	5	5

# Safety Spectacles

uvex pheos



9192. 225



9192. 215



9192. 245



9192. 385



9192. 881



9192. 080



9192. 285  
9192. 281



9192. 280

## uvex pheos

- modern safety spectacles with a fashionable design and duo-spherical lens technology
- metal-free
- available in standard size or a narrow version
- 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 91



product  
design award



German  
Design Award

2012



WINNER 2013

uvex pheos						
Art. no.	9192.225	9192.385	9192.285	9192.881	9192.215	9192.245
Design	uvex supravision excellence standard size	uvex supravision excellence standard size, contrast-enhancing	uvex supravision excellence standard size, sunglare filter	AF on the inside standard size, sunglare filter, silver mirror	uvex supravision excellence standard size	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, grey W 166 F CE	EN 166, EN 172 light grey, grey W 166 F CE	EN 166, EN 170 light grey, grey W 166 F CE	EN 166, EN 172 black, orange W 166 F CE
Lens	PC clear UV 400 2C-1.2 W 1 FKN CE	PC amber UV 400 2C-1.2 W 1 FKN CE	PC grey 23% UV 400 5-2.5 W 1 FKN CE	PC silver mirror grey UV 400 5-1.7 W 1 F CE	PC clear UV 400 2C-1.2 W 1 FKN CE	PC grey 23% UV 400 5-2.5 W 1 FKN CE
Retail unit	5	5	5	5	5	5

uvex pheos			
Art. no.	9192.280	9192.281	9192.080
Design	uvex supravision extreme standard size	uvex supravision extreme standard size, sunglare filter	uvex supravision plus standard size, Oil & gas
Standard Frame	EN 166, EN 170 black, grey W 166 F CE	EN 166, EN 172 black, grey W 166 F CE	EN 166, EN 170 black, grey W 166 F CE
Lens	PC clear UV 400 2C-1.2 W 1 FKN CE	PC grey 23% UV 400 5-2.5 W 1 FKN CE	PC clear UV 400 2C-1.2 W 1 FKN CE
Retail unit	5	5	5

# Safety Spectacles

uvex pheos cb · uvex pheos guard



9192. 445



9192. 425



9192. 485


9192.180  
narrow version

9192.181  
narrow version

## uvex pheos CB- 9192

The uvex pheos CB is customized to fit Asian face profile, and offers the same properties as the standard uvex pheos.

<b>Art. no.</b>	9192.445
<b>Design</b>	uvex supervision excellence Asian bridge
<b>Standard Frame</b>	EN 166, EN 172 black-orange W 166 F CE
<b>Lens</b>	PC grey 23% UV 400 UV 5-2.5 W 1 FKN CE
<b>Retail unit</b>	5

<b>Art. no.</b>	9192.425
<b>Design</b>	uvex supervision excellence Asian bridge
<b>Standard Frame</b>	EN 166, EN 170 black-green W 166 F CE
<b>Lens</b>	PC clear UV 400 2C-1.2 W 1 FKN CE
<b>Retail unit</b>	5

<b>Art. no.</b>	9192.485
<b>Design</b>	uvex supervision excellence Asian bridge
<b>Standard Frame</b>	EN 166, EN 170 black-grey W 166 F CE
<b>Lens</b>	PC clear UV 400 2C-1.2 W 1 FKN CE
<b>Retail unit</b>	5

	uvex pheos guard	
<b>Art. no.</b>	9192.180	9192.181
<b>Design</b>	uvex supervision extreme standard size incl. extra frame and headband	uvex supervision extreme standard size, sunglare filter incl. extra frame and headband
<b>Standard Frame</b>	EN 166, EN 170 black, grey W 166 F CE	EN 166, EN 172 black, grey W 166 F CE
<b>Lens</b>	PC clear UV 400 2C-1.2 W 1 FKN CE	PC grey 23% UV 400 5-2.5 W 1 FKN CE
<b>Retail unit</b>	4	4


Accessories: 9192.001  
Extra frame / extra frame in narrow version

Accessories: 9958.020  
Headband

	Accessories	
<b>Art. no.</b>	9192.001	9958.020
<b>Design</b>	extra frame for uvex pheos standard size	headband for uvex pheos and uvex pheos s
<b>Colour</b>	black	grey, black
<b>Retail unit</b>	5	5



# Safety Spectacles

uvex super g



9172. 210  
9172. 110



9172. 086



9172. 220



9172. 085



9172. 265



9172. 281



9172. 185



## uvex super g

- extremely light protective spectacles with a sporty design and hingeless side arms
- soft nose piece
- maximum optical clarity thanks to extremely thin wrap-around lenses
- aerodynamically optimised lenses that are angled forwards to provide optimum ventilation and comfort around the eyes
- maximum wear comfort is guaranteed by the lightweight design: just 18 grams
- metal-free

Art. no.	uvex super g				
Replacement lens	9172.210 9172.255	9172.110	9172.085	9172.185	9172.086
Design	uvex supravision excellence	uvex supravision plus	uvex supravision sapphire	uvex supravision plus	uvex supravision sapphire
Standard Frame	EN 166, EN 170 crystal	EN 166, EN 170 crystal	EN 166, EN 170 titanium	Oil & gas EN 166, EN 170 black, grey	uvex supravision sapphire sunglare filter EN 166, EN 172 titanium
Lens	W 166 FT DIN CE PC clear UV 400	W 166 FT DIN CE PC clear UV 400	W 166 FT DIN CE PC clear UV 400	W 166 FT DIN CE PC clear UV 400	W 166 FT DIN CE PC grey 23% UV 400
Retail unit	2C-1.2 W 1 FTKN DIN CE 5	2C-1.2 W 1 FT DIN CE 5	2C-1.2 W 1 FT DIN CE 5	2C-1.2 W 1 FTKN DIN CE 5	5-2.5 W 1 FT DIN CE 5

Art. no.	9172.265	9172.220	9172.281
Replacement lens	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence
Design	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence
Standard Frame	EN 166, EN 170 navy blue	contrast-enhancing EN 166, EN 170 titanium	uvex supravision excellence sunglare filter EN 166, EN 172 anthracite, lime
Lens	W 166 FT DIN CE PC clear UV 400	W 166 FT DIN CE PC amber UV 400	W 166 FT DIN CE PC grey 23% UV 400
Retail unit	2C-1.2 W 1 FTKN DIN CE 5	2C-1.2 W 1 FTKN DIN CE 5	5-2.5 W 1 FTKN DIN CE 5

# Safety Spectacles

uvex super fit · uvex super fit ETC



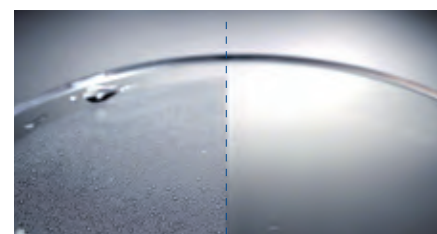
## uvex super fit

- lightweight safety spectacles with hinged side arms, a sporty design
- soft, adjustable nose piece
- aerodynamically optimised lenses that are angled forwards to provide optimum ventilation and comfort around the eyes
- excellent wearer comfort guaranteed by the lightweight design weighing just 21 grams
- permanent anti-fog coating on both sides – eliminating risk of fogging (uvex super fit ETC)

### Areas of application:

- uvex supravision clean: sterile working environments (laboratories, hospitals, clean rooms, food production)
- ETC on both sides: high humidity and alternating temperatures (cold stores, tunnel construction, catering and food industry)

uvex ETC-coated lenses do not fog up. Instead of droplets, a film of water forms on the lens.



Anti-fog coating after 8 sec. uvex ETC

	uvex super fit			
Art. no.	9178.065	9178.265	9178.286	9178.185
Design	uvex supravision sapphire	uvex supravision excellence	uvex supravision excellence sunglare filter	uvex supravision plus
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170
Frame	navy blue, white W 166 FT CE	navy blue, white W 166 FT CE	black, white W 166 FT CE	black, white W 166 FT CE
Lens	PC clear UV 400 2C-1.2 W 1 FT DIN CE	PC clear UV 400 2C-1.2 W 1 FTKN DIN CE	PC grey 23% UV 400 5-2.5 W 1 FTKN DIN CE	PC clear UV 400 2C-1.2 W 1 FTKN DIN CE
Retail unit	5	5	5	5

	uvex super fit CR		uvex super fit ETC	
Art. no.	9178.385	9178.315	9178.500	9178.415
Design	uvex supravision excellence contrast-enhancing	uvex supravision excellence	uvex supravision clean autoclavable	ETC on both sides
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
Frame	black, white W 166 FT CE	white, lime W 166 FT CE	white, light blue W 166 FT CE	white, grey W 166 FT CE
Lens	PC amber UV 400 2C-1.2 W 1 FTKN DIN CE	PC clear UV 400 2C-1.2 W 1 FTKN DIN CE	PC clear UV 400 2C-1.2 W 1 FTKN DIN CE	PC clear UV 400 2C-1.2 W 1 FTKN DIN CE
Retail unit	5	5	5	5

## Safety Spectacles

uvex i-vo



### uvex i-vo

- fashionable safety spectacles with adjustable side arms
- reliable protection provided by its perfect fit: multi-level side arm inclination and different 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.	9160.520	9160.065	9160.068	9160.076	9160.085
Replacement lens	9160.052	9160.055		9160.318	9160.055
Design	uvex supravision sapphire contrast-enhancing	uvex supravision sapphire	uvex supravision sapphire sunglare filter	uvex supravision sapphire sunglare filter	uvex supravision sapphire
Standard Frame	EN 166, EN 170 blue, orange W 166 FT CE	EN 166, EN 170 blue, orange W 166 FT CE	EN 166, EN 172 blue, orange W 166 FT CE	EN 166, EN 172 black, grey W 166 FT CE	EN 166, EN 170 blue, grey W 166 FT CE
Lens	PC amber UV 400 2C-1.2 W 1 FT CE	PC clear UV 400 2C-1.2 W 1 FT CE	PC brown UV 400 5-2.5 W 1 FT CE	PC grey 23% UV 400 5-2.5 W 1 FT CE	PC clear UV 400 2C-1.2 W 1 FT CE
Retail unit	5	5	5	5	5

Art. no.	9160.120	9160.265	9160.275	9160.285	9160.268
Replacement lens	9160.255	9160.255	9160.255	9160.255	
Design	uvex supravision excellence with headband	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence sunglare filter
Standard Frame	EN 166, EN 170 blue, grey -	EN 166, EN 170 blue, orange W 166 FT CE	EN 166, EN 170 black, grey W 166 FT CE	EN 166, EN 170 blue, grey W 166 FT CE	EN 166, EN 172 blue, orange W 166 FT CE
Lens	PC clear UV 400 2C-1.2 W 1 FTKN 166 F DIN CE	PC clear UV 400 2C-1.2 W 1 FTKN CE	PC clear UV 400 2C-1.2 W 1 FTKN CE	PC clear UV 400 2C-1.2 W 1 FTKN CE	PC brown UV 400 5-2.5 W 1 FTKN CE
Retail unit	5	5	5	5	5



## uvex CR

Autoclave safety eyewear that goes further

## Innovative coating technology – the first autoclavable safety eyewear with anti-fog performance

uvex has developed the first autoclavable safety eyewear with anti-fog coating for specialist requirements in laboratories, clinics, cleanrooms and food manufacturing. From ultra-light safety spectacles and goggles with a panoramic lens, the uvex CR is the ideal safety eyewear for all areas of application and specifically have been designed for repeated autoclave sterilisation (at least 10 to 20 times for 20 minutes each at a minimum of 121°C).

**uvex CR – professional safety eyewear  
that compliments hygiene standards.**



9178. 500



9169. 500



9302. 500

### uvex super fit CR

- lightweight safety spectacles with hinged side arms, a sporty design and uvex x-stream technology
- maximum optical clarity thanks to extremely thin wrap-around lenses
- aerodynamically optimised lenses that are angled forwards to provide optimum ventilation and comfort around the eyes
- excellent wear comfort guaranteed by the lightweight design

uvex super fit CR	
Art. no.	9178.500
Design	uvex supravision clean autoclavable
Standard	EN 166, EN 170
Frame	white, light blue W 166 FT CE
Lens	PC clear UV 400 2C-1.2 W 1 FTKN DIN CE
Retail unit	5

### uvex super f OTG CR

- overspecs for wearers of prescription lenses with arm-hinge concept
- unrestricted peripheral vision
- soft arm ends for added comfort

uvex super f OTG CR	
Art. no.	9169.500
Design	uvex supravision clean autoclavable
Standard	EN 166, EN 170
Frame	white, light blue W 166 FT CE
Lens	PC clear UV 400 2C-1.2 W 1 FKN
Retail unit	5

### uvex ultrasonic CR

- goggles in sporty design, also suitable as overspecs
- lenses can be changed
- high mechanical strength (B: 120 m/s)
- wide panoramic field of vision
- no pressure problems with long-term wear thanks to the combination of hard and soft components

uvex ultrasonic CR	
Art. no.	9302.500
Replacement lens	9302.259
Design	uvex supravision clean, autoclavable
Standard	EN 166, EN 170
Frame	transparent, white W 166 349 B CE
Lens	PC clear UV 400 2-1.2 W 1 B 9 KN DIN CE
Retail unit	4

## Safety Spectacles

uvex skyper sx2 · uvex skybrite sx2 · uvex polavision



### uvex skyper sx2

- safety spectacles with special lens shape for prominent cheekbones
- reliable protection provided by its perfect fit: multi-level side arm inclination and five different side arm lengths allow the wearer to adjust the spectacles to suit their own face shape
- sides protect against glare

uvex skyper sx2					
Art. no.	9197.020	9197.265	9197.065	9197.266	9197.465
Replacement lens	9197.055				
Design	uvex supravision sapphire contrast-enhancing	uvex supravision excellence	uvex supravision sapphire	uvex supravision excellence sunglare filter	uvex supravision excellence Asian bridge
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170
Frame	blue	blue	blue	blue	blue
Lens	W 166 F CE	W 166 F CE	W 166 F CE	W 166 F CE	W 166 F CE
	PC amber	PC clear	PC clear	PC grey 23%	PC clear
	UV 400	UV 400	UV 400	UV 400	UV 400
	2-1.2 W 1 F DIN CE	2-1.2 W 1 FKN DIN CE	2-1.2 W 1 F DIN CE	5-2.5 W 1 FKN DIN CE	2-1.2 W 1 FKN DIN CE
Retail unit	5	5	5	5	5



### uvex polavision

- comfortable safety spectacles with polarisation filter
- polarisation filter to protect against reflections and glare (e.g. water surfaces and highly polished materials)
- eliminates bright, annoying reflected glare allowing the wearer to see more comfortably

Areas of application:

- workstations with reflective surfaces
- (offshore, maritime, drivers, construction industry)

uvex polavision	
Art. no.	9231.960
Design	scratch-resistant sunglare filter
Standard	EN 166, EN 172
Frame	black, white
Lens	W 166 F CE
	PC grey 14% / UV 400
	5-3.1 W 1 F CE
Retail unit	1

### uvex skybrite sx2

- safety spectacles with special lens shape for prominent cheekbones in translucent colour
- reliable protection provided by its perfect fit: multi-level side arm inclination and five different side arm lengths allow the wearer to adjust the spectacles to suit their own face shape
- sides protect against glare

uvex skybrite sx2		
Art. no.	9197.260	9197.880
Design	uvex supravision excellence version of the uvex skyper sx2 in translucent side arm colours	version of the uvex skyper sx2 in translucent side arm colours sunglare filter, silver mirror
Standard	EN 166, EN 170	EN 166, EN 172
Frame	translucent, blue	translucent, silver
Lens	W 166 F CE	W 166 F CE
	PC clear	PC silver mirror grey
	UV 400	UV 400
	2-1.2 W 1 FKN DIN CE	5-1.7 W 1 F DIN CE
Retail unit	5	5

# Safety Spectacles

uvex skyguard NT · uvex skylite · uvex meteor



## uvex meteor

- classic, twin-lens spectacles
- reliable protection provided by its perfect fit: adjustable side arms allow the wearer to adjust the spectacles to suit their own face shape
- flat design allows it to easily fit into a breast pocket

uvex meteor	
<b>Art. no.</b>	9134.005
<b>Design</b>	uvex supravision sapphire lens diameter 56 mm bridge width 15 mm
<b>Standard</b>	EN 166, EN 170
<b>Frame</b>	grey, transparent W 166 F CE
<b>Lens</b>	PC clear UV 400 2-1.2 W 1 FK DIN CE
<b>Retail unit</b>	5


9175. 260  
9175. 160


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				
<b>Art. no.</b>	9175.260	9175.261	9175.160	9175.275
<b>Design</b>	uvex supravision excellence adjustable side arm length	uvex supravision excellence sunglare filter, adjustable side arm length	uvex supravision extreme adjustable side arm length	uvex supravision excellence particularly well-suited for use in combination with helmets
<b>Standard</b>	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170	EN 166, EN 170
<b>Frame</b>	blue, grey W 166 34 F CE	blue, grey W 166 34 F CE	blue, grey W 166 34 F CE	grey, orange W 166 34 F CE
<b>Lens</b>	PC clear UV 400 2-1.2 W 1 FKN DIN CE	PC grey 23% UV 400 5-2.5 W 1 FKN DIN CE	PC clear UV 400 2-1.2 W 1 FKN DIN CE	PC clear UV 400 2-1.2 W 1 FKN DIN CE
<b>Retail unit</b>	5	5	5	5



9174. 065



9174. 066



9174. 465

## uvex skylite

- spectacles with excellent eye area protection
- integrated, frosted side protection

uvex skylite			
<b>Art. no.</b>	9174.065	9174.066	9174.465
<b>Design</b>	uvex supravision sapphire	uvex supravision sapphire sunglare filter	uvex supravision excellence Asian bridge
<b>Standard</b>	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170
<b>Frame</b>	blue W 166 F CE	blue W 166 F CE	blue W 166 F CE
<b>Lens</b>	PC clear UV 400 2-1.2 W 1 F DIN CE	PC grey 23% UV 400 5-2.5 W 1 F DIN CE	PC clear UV 400 2-1.2 W 1 FKN DIN CE
<b>Retail unit</b>	5	5	5



## Overspecs

uvex 9161 · uvex super OTG



9161. 005  
9161. 305



9161. 014

### uvex 9161

- overspecs for prescription spectacle wearers
- panoramic lens with integrated side protection for optimum eye coverage
- adjustable side arms adapt to any facial shape for customised fit and optimum protection
- unrestricted peripheral vision
- uvex duoflex side arms for a pressure free fit

uvex 9161			
Art. no.	9161.005	9161.305	9161.014
Version	uvex supravision sapphire	uvex supravision plus	without coating and with polycarbonate arms
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
Frame	blue, black W 166 F CE	blue, black W 166 F CE	clear W 166 F CE
Lens	PC clear UV 400 2C-1.2 W 1 F CE	PC clear UV 400 2C-1.2 W 1 F CE	PC clear UV 400 2C-1.2 W 1 F CE
Retail unit	5	5	5



9169. 065  
9169. 260



9169. 080



9169. 081

### uvex super OTG

- overspecs for prescription spectacle wearers
- panoramic lens with integrated side protection for optimum coverage of the eye area
- metal-free
- highly flexible, hinge-less side arms for added comfort and non-slip fit

uvex super OTG				
Art. no.	9169.065	9169.080	9169.081	9169.260
Version	uvex supravision sapphire	uvex supravision sapphire	uvex supravision sapphire sunglare filter	uvex supravision excellence
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170
Frame	navy blue W 166 F CE	black W 166 F CE	black W 166 F CE	navy blue W 166 F CE
Lens	PC clear UV 400 2C-1.2 W 1 F CE	PC clear UV 400 2C-1.2 W 1 F CE	PC grey 23% UV 400 5-2.5 W 1 F CE	PC clear UV 400 2C-1.2 W 1 FKN CE
Retail unit	5	5	5	5

# Overspecs

uvex super f OTG



9169. 585



9169. 580



9169. 586



9169. 615



9169. 500



9169. 850

## uvex super f OTG

- overspecs for prescription wearers
- panoramic lens with integrated side protection for optimum eye coverage
- side arms graduate to soft, flexible material for added comfort and grip

### Areas of application:

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

uvex super f OTG						
Art. no.	9169.585	9169.586	9169.500	9169.580	9169.615	9169.850
Version	uvex supravision sapphire	uvex supravision sapphire sunglare filter	uvex supravision clean autoclavable	uvex supravision sapphire contrast-enhancing	uvex supravision sapphire	uvex supravision variomatic
Standard	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172
Frame	black, white	black, white	white, light blue	black, white	black, white	black, white
Lens	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE
	PC clear	PC grey 23%	PC clear	PC amber	PC orange	PC light green
	UV 400	UV 400	UV 400	UV 400	UV 525	UV 400
	2C-1.2 W 1 FCE	5-2.5 W 1 F CE	2C-1.2 W 1 FKN CE	2C-1.2 W 1 FT CE	2-1.4 W FT CE	5-1.1<2 W 1 FKN CE
Retail unit	5	5	5	5	5	5

## uvex pheos cx2 sonic

Compact design. First-class comfort.



With its compact, lightweight design, the uvex pheos cx2 sonic is a welcome companion for any job. These functional wide-vision goggles offer impressive comfort and, thanks to uvex supravision coating technology, provide a clear field of vision even in extreme climates.

**MADE IN GERMANY** 



**Outstanding protection**  
thanks to flexibly adaptable  
soft components

**Very lightweight wide-vision  
goggles**  
Weights just 34 grams



**X-tended eyeshield**  
for perfect coverage of the  
whole eye area



**High mechanical  
strength (120 m/s)**

**Scratch-resistant outside,  
anti-fog inside**  
thanks to uvex supravision  
extreme coating

**Compact design**  
Can be easily combined with  
other PPE

**Perfect fit**  
thanks to uvex duo com-  
ponent technology and  
forehead and nose piece  
moulded directly onto the  
lens





# Safety Goggles

uvex pheos cx2 sonic



9309.275



9309.286

## uvex pheos cx2 sonic

- uvex's lightest compact wide-vision goggles (34 grams)
- high mechanical strength B (120 m/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 3 4 BT CE	white, black W 166 3 4 BT CE
Lens	PC clear, UV 400 2C-1.2 W 1 BT KN CE	PC grey 23%, UV 400 5-2.5 W 1 BT KN CE
Retail unit	5	5

## Safety Goggles

uvex u-sonic



9308.245



9308.240



9308.246



9308.247



9308.147



9308.123



9308.248



9308.048 add-on lens

### 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	9308.246	9308.247	9308.147	9308.123
Replacement lens	9308.242	9308.241		9308.242		9308.242
Version	uvex supravision excellence	uvex supravision excellence sunglare filter	uvex supravision extreme reduced ventilation	uvex supravision excellence reduced ventilation	uvex supravision plus Oil & gas	uvex supravision excellence
Standard	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
Frame	grey, lime	grey, lime	grey, yellow	black, red	black, grey	anthracite, pink
Lens	W 166 34 B CE	W 166 34 B CE	W 166 34 B CE	W 166 34 B CE	W 166 34 B CE	W 166 34 B CE
	PC clear	PC grey 23%	PC clear	PC clear	PC clear	PC clear
	UV 400	UV 400	UV 400	UV 400	UV 400	UV 400
	2C-1.2 W 1 BKN CE	5-2.5 W 1 BKN CE	2C-1.2 W 1 BKN CE	2C-1.2 W 1 BKN CE	2C-1.2 W 1 BKN CE	2C-1.2 W 1 BKN CE
Retail unit	5	5	5	5	5	5

Art. no.		Add-on lens	
9308.248		9308.048	
Replacement lens	9308.242	uvex supravision sapphire	
Version	uvex supravision excellence with add-on lens grey 14% and magnetic headband	sunglare filter	
Standard	EN 166, EN 170, EN 172	EN 166, EN 172	
Frame	grey, orange		
	W 166 34 B CE		
Lens	PC clear	PC grey 16%	
	UV 400	UV 400	
	2C-1.2 W 1 BKN CE	5-3.1 W 1 CE	
Additional lens	uvex supravision sapphire		
	PC grey 14%		
	sunglare filter, UV 400		
	5-3.1 W 1 CE		
Retail unit	5	1	



# Safety Goggles

uvex ultrasonic



9302.245



9302.600



9302.601



9302.285



9302.247



9302.281



9302.275



9302.286



9302.500

## 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	9302.285	9302.247	9302.286	9302.275
Replacement lens	9302.255	9302.255	9302.257	9302.256	
Version	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence sunglare filter	uvex supravision excellence sunglare filter	uvex supravision extreme
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172	EN 166, EN 172	EN 166, EN 170
Frame	grey, orange W 166 349 B CE	black, grey W 166 349 B CE	grey, orange W 166 349 B CE	black, grey W 166 349 B CE	anthracite, lime W 166 349 B CE
Lens	PC clear, UV 400 2-1.2 W 1 B 9 KN DIN CE	PC clear, UV 400 2-1.2 W 1 B 9 KN DIN CE	PC brown, UV 400 5-2.5 W 1 B 9 KN DIN CE	PC grey, UV 400 5-2.5 W 1 B 9 KN DIN CE	PC clear, UV 400 2-1.2 W 1 B 9 KN DIN CE
Retail unit	4	4	4	4	4
Art. no.	9302.600	9302.601	9302.281	9302.500	
Replacement lens		9302.255	9302.255		
Version	uvex supravision extreme reduced ventilation	uvex supravision excellence with rubber headband	uvex supravision excellence with neoprene headband	uvex supravision clean autoclavable	
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	
Frame	blue, grey W 166 349 B CE	black, red W 166 349 B CE	black, grey W 166 349 B CE	transparent, white W 166 349 B CE	
Lens	PC clear, UV 400 2-1.2 W 1 B 9 KN DIN CE	PC clear, UV 400 2-1.2 W 1 B 9 KN DIN CE	PC clear, UV 400 2-1.2 W 1 B 9 KN DIN CE	PC clear, UV 400 2-1.2 W 1 B 9 KN DIN CE	
Retail unit	4	4	4	4	



## Safety Goggles

uvex ultravision



9301. 714  
9301. 815



9301. 105



9301. 633



9301. 716



9301. 116



9301. 813



9301. 906



9301. 613

### Please note:

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

## 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

uvex ultravision					
Art. no.	9301.714	9301.716	9301.906	9301.105	9301.633
Replacement lens	9300.517	9300.517	9300.956	9301.255	
Version	anti-fog	anti-fog with foam layer	anti-fog wide nose piece, particularly well suited in combination with dust masks	uvex supravision excellence	uvex supravision excellence closed ventilation
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 W 166 349 B CE	EN 166, EN 170 red W 166 3459 B CE
Lens	CA clear, UV 380 2C-1.2 W 1 FN DIN CE	CA clear, UV 380 2C-1.2 W 1 FN DIN CE	CA clear, UV 380 2C-1.2 W 1 FN DIN CE	PC clear, UV 400 2C-1.2 W 1 B 9 KN CE	PC clear, UV 400 2C-1.2 W 1 B 9 KN DIN CE
Retail unit	1	1	1	1	1
Art. no.	9301.116	9301.815	9301.613	9301.813	
Replacement lens		9301.255	9301.255	9301.255	
Version	uvex supravision plus with foam layer Oil & gas	uvex supravision excellence top ventilation closed	uvex supravision excellence gas-proof	uvex supravision excellence with tear-off films, 2 units replacement films: 9300.316	
Standard Frame	EN 166, EN 170 transparent grey W 166 34 B CE	EN 166, EN 170 transparent grey W 166 349 B CE	EN 166, EN 170 yellow W 166 3459 B CE	EN 166, EN 170 transparent grey W 166 349 B CE	
Lens	PC clear, UV 400 2C-1.2 W 1 B 9 KN CE	PC clear, UV 400 2C-1.2 W 1 B 9 KN CE	PC clear, UV 400 2C-1.2 W 1 B 9 KN DIN CE	PC clear, UV 400 2C-1.2 W 1 B 9 KN CE	
Retail unit	1	1	1	1	

# Safety Goggles

uvex ultravision faceguard · helmet mounted safety goggles



9301. 555



9301. 318



9301. 317

## uvex ultravision faceguard

- combines goggles with face guard
- completely seals the eyes and protects the face

	Goggles with face protection	Face protection	Face protection
<b>Art. no.</b>	9301555	9301317	9301318
<b>Version</b>	Goggles with mouth protection uvex supravision excellence	for all models 9301 with PC lens (except 9301.906) not mounted, <b>without spectacles</b> uncoated	for all models 9301 with PC lens (except 9301.906) not mounted, <b>without spectacles</b> uncoated
<b>Standard</b>	EN 166, EN 170	–	–
<b>Frame</b>	transparent grey W 166 349 B CE	–	–
<b>Lens</b>	PC clear UV 400 2C-1.2 W 1 B 9 KN CE	–	–
<b>Retail unit</b>	1	1	1



9302. 510



9301. 544



9924. 010

## Helmet mounted safety goggles uvex ultrasonic and uvex ultravision

- safety goggles for combining with helmet and ear defenders uvex K1H and uvex K2H (ear defenders are not included)
- for attaching the uvex ultrasonic or uvex ultravision without ear defenders, additional adapters (9924.010) are required!

	uvex ultrasonic	uvex ultravision	Adapter
<b>Art. no.</b>	9302510	9301544	Adapter for attaching without earmuffs
<b>Version</b>	uvex supravision extreme reduced ventilation	anti-fog inside	
<b>Standard</b>	EN 166, EN 170	EN 166, EN 170	
<b>Frame</b>	blue, grey W 166 349 B CE	transparent grey W 166 34 F CE	
<b>Lens</b>	PC clear, UV 400 2-1.2 W 1 B 9 KN DIN CE	CA clear, UV 380 2-1.2 W 1 FN DIN CE	
<b>Retail unit</b>	4	1	1 pair

Safety Goggles

uvex carbonvision · uvex 9305 · uvex 9405



uvex carbonvision

- low profile wraparound style goggle
- lightweight at just 46 g
- highly compatible with other PPE
- close fitting frame and high mechanical strength (B: 120 m/s)

uvex carbonvision			
Art. no.	9307.375	9307.276	9307.365
Version	uvex supravision extreme	uvex supravision extreme sunglare filter	uvex supravision extreme with neoprene headband
Standard	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170
Frame	black, grey W 166 34 B CE	black, grey W 166 34 B CE	black, grey W 166 34 B CE
Lens	PC clear UV 400 2-1.2 W 1 B KN DIN CE	PC grey UV 400 5-2.5 W 1 B KN CE	PC clear UV 400 2-1.2 W 1 B KN DIN CE
Retail unit	5	5	5



uvex 9405

- classic goggles with cellulose acetate lens and ventilation system
- mechanical strength F: 45 m/s

uvex 9405	
Art. no.	9405.714
Replacement lens	9400.517
Version	anti-fog inside
Standard	EN 166, EN 170
Frame	transparent grey W 166 34 F CE
Lens	CA clear UV 380 W 1 FN DIN CE
Retail unit	4



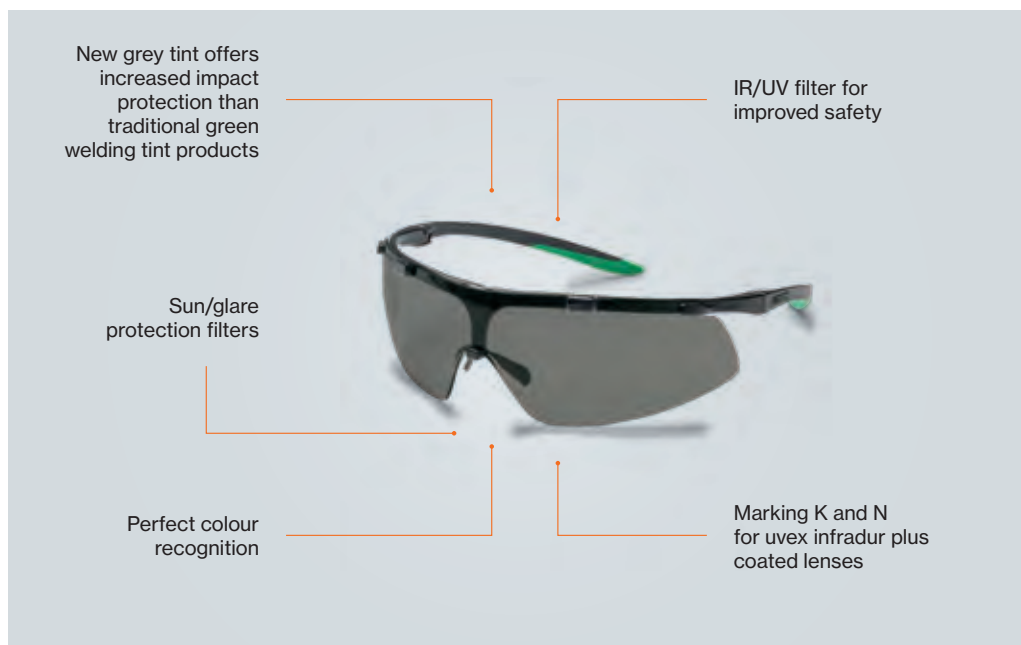
# Welding Protection

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.

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

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

## Welding Protection

uvex i-vo · uvex super fit



### 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
Retail unit	5	5	5



### uvex super fit

- low weight welding safety spectacles with hinged side arms in a sporty design
- perfect colour recognition
- new filter technology combines UV and IR radiation protection
- minimum damage from welding sparks
- ultra thin, wraparound lens delivers maximum optical clarity and an excellent field of vision
- soft, adjustable nose piece
- low weight design (21 g) for increased wearer comfort

uvex super fit		
Art. no.	9178.041	9178.043
Version	uvex infradur plus welding protection level 1.7	uvex infradur plus welding protection level 3
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 1.7 W 1 FTKN CE	PC grey UV 400 + IR 3 W 1 FTKN CE
Retail unit	5	5

# Welding Protection

uvex futura



## uvex futura

- classic style spectacles with large field of vision
- perfect colour recognition
- new filter technology combines UV and IR radiation protection
- minimum damage from welding sparks

- fully adjustable side arms enable wearers to achieve a customised fit:  
multi-level side arm inclination  
and four different side arm lengths adjust to suit any facial shape
- soft, duo-flex ear pieces for a pressure free fit

uvex futura					
<b>Art. no.</b>	9180.141	9180.143	9180.144	9180.145	9180.146
<b>Replacement lens</b>	9180.056	9180.057	9180.058	9180.059	9180.060
<b>Version</b>	uvex infradur welding protection level 1.7	uvex infradur welding protection level 3	uvex infradur welding protection level 4	uvex infradur welding protection level 5	uvex infradur welding protection level 6
<b>Standard</b>	EN 166, EN 169	EN 166, EN 169	EN 166, EN 169	EN 166, EN 169	EN 166, EN 169
<b>Frame</b>	black, green W 166 F CE	black, green W 166 F CE	black, green W 166 F CE	black, green W 166 F CE	black, green W 166 F CE
<b>Lens</b>	PC grey UV 400 + IR 1.7 W 1 FTK CE	PC grey UV 400 + IR 3 W 1 FTK CE	PC grey UV 400 + IR 4 W 1 FTK CE	PC grey UV 400 + IR 5 W 1 FTK CE	PC grey UV 400 + IR 6 W 1 FTK CE
<b>Retail unit</b>	5	5	5	5	5



# Welding Protection

uvex 9116



## uvex 9116

- compact welding safety spectacles with a close fit and anatomically shaped nose bridge
  - side shields and integrated brow guard design for increased protection
  - perfect colour recognition
  - new filter technology combines UV and IR radiation protection
  - minimum damage from welding sparks
- specially-shaped frames provide protection against particles from below
  - fully adjustable side arms enable wearers to achieve a customised fit: multi-level side arm inclination and four different side arm lengths adjust to suit any facial shape
  - adjustable, soft and comfortable ear pieces

uvex 9116					
Art. no.	9116.041	9116.043	9116.044	9116.045	9116.046
Version	uvex infradur	uvex infradur	uvex infradur	uvex infradur	uvex infradur
	welding protection level 1.7	welding protection level 3	welding protection level 4	welding protection level 5	welding protection level 6
Standard	EN 166, EN 169	EN 166, EN 169	EN 166, EN 169	EN 166, EN 169	EN 166, EN 169
Frame	black, green	black, green	black, green	black, green	black, green
	W 166 S CE	W 166 S CE	W 166 S CE	W 166 S CE	W 166 S CE
Lens	PC grey	PC grey	PC grey	PC grey	PC grey
	UV 400 + IR	UV 400 + IR	UV 400 + IR	UV 400 + IR	UV 400 + IR
	1.7 W 1 FTK CE	3 W 1 FTK CE	4 W 1 FTK CE	5 W 1 FTK CE	6 W 1 FTK CE
Retail unit	5	5	5	5	5

# Welding Protection

uvex 9104



9104. 041



9104. 043



9104. 044



9104. 045



9104. 046

## uvex 9104

- compact welding safety spectacles with a close fit and anatomically shaped nose bridge
- side shields and integrated brow guard design for increased protection
- with flip-up and easily replaceable filter
- perfect colour recognition
- new filter technology combines UV and IR radiation protection
- minimum damage from welding sparks
- specially-shaped frames provide protection against particles from below
- fully adjustable side arms enable wearers to achieve a customised fit: multi-level side arm inclination and four different side arm lengths adjust to suit any facial shape
- adjustable, soft and comfortable ear pieces

uvex 9104					
Art. no.	9104.041	9104.043	9104.044	9104.045	9104.046
Version	uvex supravision plus with flip-up and easily replaceable filter	uvex supravision plus with flip-up and easily replaceable filter	uvex supravision plus with flip-up and easily replaceable filter	uvex supravision plus with flip-up and easily replaceable filter	uvex supravision plus with flip-up and easily replaceable filter
Standard Frame	EN 166, EN 169, EN 170 black, green W 166 S CE	EN 166, EN 169, EN 170 black, green W 166 S CE	EN 166, EN 169, EN 170 black, green W 166 S CE	EN 166, EN 169, EN 170 black, green W 166 S CE	EN 166, EN 169, EN 170 black, green W 166 S CE
Lens	PC clear UV 400 2-1.2 W 1 FKN DIN CE	PC clear UV 400 2-1.2 W 1 FKN DIN CE	PC clear UV 400 2-1.2 W 1 FKN DIN CE	PC clear UV 400 2-1.2 W 1 FKN DIN CE	PC clear UV 400 2-1.2 W 1 FKN DIN CE
Additional lens	PC grey, UV 400 + IR 1.7 W 1 FTK CE uvex infraradur welding protection level 1.7	PC grey, UV 400 + IR 3 W 1 FTK CE uvex infraradur welding protection level 3	PC grey, UV 400 + IR 4 W 1 FTK CE uvex infraradur welding protection level 4	PC grey, UV 400 + IR 5 W 1 FTK CE uvex infraradur welding protection level 5	PC grey, UV 400 + IR 6 W 1 FTK CE uvex infraradur welding protection level 6
Retail unit	5	5	5	5	5
Flip-up replacement part	9104.081	9104.083	9104.084	9104.085	9104.086

# Welding Protection

## uvex astrospec 2.0



### uvex astrospec 2.0

- innovative development of the world's most popular uvex astrospec safety spectacles
- perfect colour recognition
- new filter technology combines UV and IR radiation protection
- minimum damage from welding sparks
- panoramic polycarbonate lens with integrated side shield for optimum protection of the whole eye
- fully adjustable side arms enable wearers to achieve a customised fit: multi-level side arm inclination and four different side arm lengths adjust to suit any facial shape
- uvex ventilation system with integrated brow guard for added comfort
- soft, adjustable nose piece and soft, non-slip ear pieces (uvex duo component technology) for pressure free fit
- fits easily into breast pocket thanks to flat-fold design

uvex astrospec 2.0					
Art. no.	9164.141	9164.143	9164.144	9164.145	9164.146
Version	uvex infradur plus welding protection level 1.7	uvex infradur plus welding protection level 3	uvex infradur plus welding protection level 4	uvex infradur plus welding protection level 5	uvex infradur plus welding protection level 6
Standard	EN 166, EN 169	EN 166, EN 169	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	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 4 W 1 FTKN CE	PC grey UV 400 + IR 5 W 1 FTKN CE	PC grey UV 400 + IR 6 W 1 FTKN CE
Retail unit	5	5	5	5	5

### 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

uvex 9161 · uvex super f OTG



## uvex 9161

- welding overspecs for wearers of prescription glasses
- perfect colour recognition
- new filter technology combines UV and IR radiation protection
- minimum damage from welding sparks
- fully adjustable side arms enable wearers to achieve a customised fit:  
multi-level side arm inclination and four different side arm lengths adjust to suit any facial shape
- unrestricted peripheral vision
- pressure-free fit with soft uvex duoflex arms

uvex 9161					
Art. no.	9161.141	9161.143	9161.144	9161.145	9161.146
Version	uvex infradur	uvex infradur	uvex infradur	uvex infradur	uvex infradur
	welding protection level 1.7	welding protection level 3	welding protection level 4	welding protection level 5	welding protection level 6
Standard	EN 166, EN 169	EN 166, EN 169	EN 166, EN 169	EN 166, EN 169	EN 166, EN 169
Frame	black, green	black, green	black, green	black, green	black, green
	W 166 F CE	W 166 F CE	W 166 F CE	W 166 F CE	W 166 F CE
Lens	PC grey	PC grey	PC grey	PC grey	PC grey
	UV 400 + IR	UV 400 + IR	UV 400 + IR	UV 400 + IR	UV 400 + IR
	1.7 W 1 FT CE	3 W 1 FT CE	4 W 1 FT CE	5 W 1 FT CE	6 W 1 FT CE
Retail unit	5	5	5	5	5



## 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.	9169.541	9169.543
Version	uvex infradur plus	uvex infradur plus
	welding protection level 1.7	welding protection level 3
Standard	EN 166, EN 169	EN 166, EN 169
Frame	black, green	black, green
	W 166 FT CE	W 166 FT CE
Lens	PC grey	PC grey
	UV 400 + IR	UV 400 + IR
	1.7 W 1 FT KN CE	3 W 1 FT KN CE
Retail unit	5	5

# Welding Protection

uvex ultrasonic flip-up · uvex ultravision



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	9302.045
Replacement lens flip-up	9302.083	9302.085
Version	uvex supravision excellence with flip-up and easily replaceable filter	uvex supravision excellence with flip-up and easily replaceable filter
Standard	EN 166, EN 169, EN 170	EN 166, EN 169, EN 170
Frame	black, green	black, green
Lens	W 166 349 B CE	W 166 349 B CE
	PC clear, UV 400	PC clear, UV 400
	2-1.2 W 1 B9 KN DIN CE	2-1.2 W 1 B9 KN DIN CE
Additional lens	PC grey, UV 400 + IR	PC grey, UV 400 + IR
	uvex infradur	uvex infradur
	3 W 1 CE	5 W 1 CE
	welding protection level 3	welding protection level 5
Retail unit	4 (uvex ultrasonic flip-up complete)	4 (uvex ultrasonic flip-up complete)
	1 (Replacement lens flip-up)	1 (Replacement lens flip-up)



9301.145



9301.185

## uvex ultravision

- classic style welding goggle with unrestricted field of vision
- can be worn over prescription spectacles
- with flip-up and easily replaceable filter
- perfect colour recognition
- new filter technology combines UV and IR radiation protection
- minimum damage from welding sparks
- high mechanical strength of the polycarbonate lens (B: 120 m/s)
- indirect ventilation system helps maintain a comfortable climate around the eyes

uvex ultravision	
Art. no.	9301.145
Replacement lens	9301.185
Version	uvex infradur plus welding protection level 5
Standard	EN 166, EN 169
Frame	black
	W 166 3 B CE
Lens	PC grey, UV 400 + IR
	5 W 1 BKN CE
Retail unit	1

# Accessories

· uvex cleaning accessories · uvex microfibre cloth



9970.002



9972.101



9963.000

## uvex spectacle cleaning station

- including
- 2 x 9971.000
- 1 x 9972.100
- 1 x 9973.100

uvex spectacle cleaning station	
Art. no.	9970.002
Retail unit	1

## uvex cleaning fluid

- 0.5 l cleaning fluid
- suitable for all viewing lenses

uvex cleaning fluid	
Art. no.	9972.100
Content	500 ml
Retail unit	1

## Plastic pump

- for uvex cleaning fluid 9972.100

Plastic pump	
Art. no.	9973.100
Retail unit	1

## Cleaning papers

- replacement silicone-free paper
- approx. 700 sheets
- antistatic
- suitable for all uvex lenses

Cleaning papers	
Art. no.	9971.000
Retail unit	1

## uvex cleaning fluid

- Note:
- does not fit in the uvex spectacle cleaning station

uvex cleaning fluid	
Art. no.	9963.000
Content	500 ml
Retail unit	5

- wall mount for individually sealed lens cleaning wipes
- assembly accessories included

Wall mount	
Art. no.	9963.001
Retail unit	1

## uvex lens cleaning towelettes

- 100 towelettes per box
- silicone-free
- not antistatic
- individually sealed
- for all uvex lenses

uvex cleaning towelettes	
Art. no.	9963.000
Retail unit	5

- wall mount for individually sealed lens cleaning wipes
- assembly accessories included

Wall mount	
Art. no.	9963.001
Retail unit	1



9972.100



9971.000



6119.801



9973.100



9963.001

## uvex microfibre cloth

- for cleaning spectacle and goggle lenses

uvex microfibre cloth	
Art. no.	6119.801
Retail unit	5

## Accessories

### uvex safety eyewear cases



9954. 600

#### uvex eyewear case

- hard shell case in modern design
- extremely robust design to protect against external damage
- soft interior
- belt loop for ease of carrying
- practical snap hook
- specially for curved spectacles (e.g. uvex i-vo)

uvex eyewear case	
<b>Art. no.</b>	9954.600
<b>Retail unit</b>	5



9954. 500

#### uvex eyewear case

- extremely robust case
- reinforced zip for extra strength
- belt loop
- extra space for replacement lens
- suitable for all uvex spectacles (except 9169)

uvex eyewear case	
<b>Art. no.</b>	9954.500
<b>Retail unit</b>	5



9954. 501

#### uvex eyewear case

- goggle case with zip and belt loop
- large and very robust
- extra space for replacement lens
- suitable for spectacles and goggles

uvex eyewear case	
<b>Art. no.</b>	9954.501
<b>Retail unit</b>	5



## Accessories

### uvex safety eyewear cases



6118. 002



9954. 650



9954. 355



9954. 360



9957. 502

#### uvex eyewear case

- flexible case made from robust nylon material
- extendable zip on side to increase space
- individually adjustable hook-and-loop fastener
- comes with belt loop
- suitable for all spectacles

uvex eyewear case	
Art. no.	6118.002
Retail unit	1

#### uvex eyewear case

- flexible case made from robust nylon material
- individually adjustable hook-and-loop fastener
- comes with belt loop
- for goggle models uvex 9308 and uvex 9307

uvex eyewear case	
Art. no.	9954.650
Retail unit	5

#### uvex microfibre case

- elegant microfibre case
- for uvex spectacles models

uvex microfibre case	
Art. no.	9954.355
Retail unit	5

- elegant microfibre case
- for uvex goggles and overspecs

uvex microfibre case	
Art. no.	9954.360
Retail unit	5

#### uvex SECU box

- storage box for wall assembly
- for spectacles and goggles:
  - 2 goggles or
  - 3 spectacles or
  - 1 goggles and 2 spectacles

uvex SECU box	
Art. no.	9957.502
Retail unit	1

Accessories

uvex eyewear straps



9958. 017



9958. 003

uvex eyewear headband

- suitable for all uvex safety spectacles (except for the duoflex side arms)
- djustment toggle for individual length adjustment

uvex eyewear headband	
Art. no.	9958.017
Retail unit	10

uvex eyewear headband

- fully adjustable
- metal-free

uvex eyewear headband	
Art. no.	9958.003
Retail unit	10



9958. 020



9958. 009

uvex pheos headband

- for attaching to uvex pheos standard and uvex pheos small
- metal-free
- individual length adjustment

uvex pheos headband	
Art. no.	9958.020
Retail unit	10

see page 30, 31

uvex i-3 headband

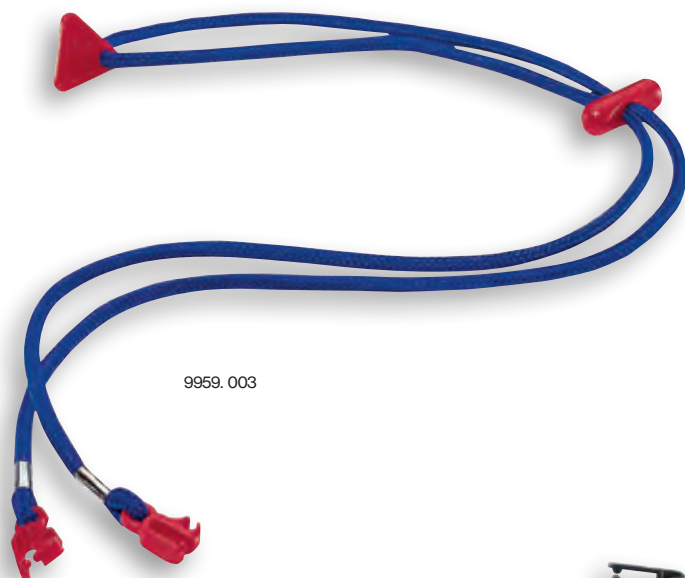
- Headband for uvex i-3 and uvex i-3 s

uvex i-3 headband	
Art. no.	9958.009
Retail unit	10

see page 26, 27

# Accessories

uvex hang-cords



9959. 003



9959. 004



9959. 002

## uvex eyewear cord

- for all soft arms and duo flex ear pieces (uvex skyper models)

uvex eyewear cord	
Art. no.	9959.003
Retail unit	10

## uvex eyewear cord

- suitable for all uvex spectacles

uvex eyewear cord	
Art. no.	9959.002
Retail unit	10

## uvex eyewear cord

- for uvex models 9192, 9172, 9160, 9195, 9196, 9197, 9175, 9174, 9188, 9194
- metal-free
- individual length adjustment

uvex eyewear cord	
Art. no.	9959.004
Retail unit	10

# Safety Eyewear

## Overview

Model	Name	Product	Retail unit	Page	uvex supravision excellence	uvex supravision extreme	uvex supravision clean	uvex supravision sapphire	uvex supravision plus	ETC (extreme)	uvex AR (anti-reflective)	uvex supravision varionic	silver mirror	blue mirror	uvex infradur	uvex infradur plus	CA uncoated	CA anti-fog	scratch-resistant	scratch-resistant + anti-fog	uncoated
9104	uvex 9104	Safety spectacles – welding protection	5	51					■						■						
9104	uvex 9104	Replacement flip-up part	1	51											■						
9116	uvex 9116	Safety spectacles – welding protection	5	50											■						
9134	uvex meteor	Plastic temple spectacles	5	37				■													■
9160	uvex i-vo	Plastic temple spectacles	5	34	■			■													
9160	uvex i-vo	Replacement lenses	5	34	■			■													
9160	uvex i-vo	Safety spectacles – welding protection	5	48												■					
9161	uvex 9161	Plastic temple spectacles	5	38				■	■												
9161	uvex 9161	Safety spectacles – welding protection	5	53											■						
9164	uvex astrospec 2.0	Plastic temple spectacles	5	29	■	■		■	■												
9164	uvex astrospec 2.0	Safety spectacles – welding protection	5	52												■					
9168	uvex astrospec	Plastic temple spectacles	5	29	■			■													
9169	uvex super OTG	Plastic temple spectacles	5	38	■			■													
9169	uvex super f OTG	Plastic temple spectacles	5	39				■				■									
9169	uvex super f OTG	Plastic temple spectacles, UV 525	5	39				■													
9169	uvex super f OTG CR	Plastic temple spectacles	5	35/39			■														
9169	uvex super f OTG	Safety spectacles – welding protection	5	53												■					
9172	uvex super g	Plastic temple spectacles	5	32	■			■	■												
9172	uvex super g	Replacement lens	5	32	■																
9174	uvex skylite	Plastic temple spectacles	5	37				■													
9175	uvex skyguard NT	Plastic temple spectacles	5	37	■	■															
9178	uvex super fit	Plastic temple spectacles	5	33	■			■	■												
9178	uvex super fit ETC	Plastic temple spectacles	5	33						■											
9178	uvex super fit CR	Plastic temple spectacles	5	35			■														
9178	uvex super fit	Safety spectacles – welding protection	5	48												■					
9180	uvex futura	Safety spectacles – welding protection	5	49											■						
9180	uvex futura	Replacement lenses – welding protection	5	49											■						
9190	uvex i-3/uvex i-3 s	Plastic temple spectacles	5	26/27	■			■	■		■		■								
9190	uvex i-3	Plastic temple spectacles	1	26						■	■										
9190	uvex i-3	Replacement lens	5	26	■																
9192	uvex pheos	Plastic temple spectacles	5	30/31	■	■		■					■								
9192	uvex pheos blue	Plastic temple spectacles	5	30	■																
9192	uvex pheos guard	uvex pheos headband version	4	31		■															
9192	uvex pheos	Extra frame	5	31																	
9193	uvex sportstyle	Plastic temple spectacles	5	23	■	■		■		■	■										
9194	uvex i-works	Plastic temple spectacles	5	28	■								■								
9197	uvex skyper sx2	Plastic temple spectacles	5	36	■			■													
9197	uvex skyper sx2	Replacement lens	5	36				■													
9197	uvex skybrite sx2	Plastic temple spectacles	5	36	■								■								
9198	uvex pheos cx2	Plastic temple spectacles	5	25	■			■													
9199	uvex x-fit	Plastic temple spectacles	5	21	■			■													
9231	uvex polavision	Plastic temple spectacles	1	36															■		
9301	uvex ultravision	Safety goggles	1	44	■	■		■										■			
9301	uvex ultravision	Replacement lenses	1	44	■													■			
9300	uvex ultravision	Tear-off films	10	44																	
9301	uvex ultravision faceguard	Safety goggles	1	45	■																



Model	Name	Product	Retail unit	Page	uvex supravision excellence	uvex supravision extreme	uvex supravision clean	uvex supravision sapphire	uvex supravision plus	ETC (extreme)	uvex AR (anti-reflective)	uvex supravision variomatic	silver mirror	blue mirror	uvex infradur	uvex infradur plus	CA uncoated	CA anti-fog	scratch-resistant	scratch-resistant + anti-fog	uncoated
9301	uvex ultravision	Mouth shield	1	45	■																■
9301	uvex ultravision	Safety goggles – welding protection	1	54												■					
9302	uvex ultrasonic	Safety goggles	4	42/43	■	■															
9302	uvex ultrasonic	Replacement lenses	4	42/43	■																
9302	uvex ultrasonic CR	Safety goggles	4	35/43			■														
9302	uvex ultrasonic flip-up	Safety goggles – welding protection	4	54	■										■						
9302	uvex ultrasonic flip-up	Replacement lenses – welding protection	1	54											■						
9307	uvex carbonvision	Safety goggles	5	46		■															
9308	uvex u-sonic	Safety goggles	1	42	■	■			■												
9308	uvex u-sonic	Add-on lens	5	42				■													
9308	uvex u-sonic	Replacement lenses	5	42	■																
9309	uvex pheos cx2 sonic	Safety goggles	4	41		■															
9405	uvex 9405	Safety goggles	5	46														■			
9400	uvex 9405	Replacement lens	1	46														■			
6118		Safety eyewear case	5	57																	
6119		Microfibre cloth	5	55																	
9954		Safety eyewear cases	5	56																	
9954		Microfibre case	1	57																	
9957		SECU box	10	57																	
9958		Headband for uvex temple spectacles	10	58																	
9958		Headband	5	58																	
9958	uvex pheos/uvex pheos s	Headband	5	58																	
9958	uvex i-3/uvex i-3 s	Headband	10	58																	
9959		Neck hang cord for uvex spectacles	5	59																	
9963		Cleaning towelettes	1	55																	
9963		Wall holder	1	55																	
9970		Cleaning station	1	55																	
9971		Replacement cleaning papers	1	55																	
9972		Cleaning fluid	1	55																	
9973		Plastic pump	1	55																	

# Applications

Always the perfect solution

Mechanical risk
  Chemical risk
  Optical risk

Working conditions	Eyewear model	Lens material	Lens tint	Lens coating
Light and precision engineering	Spectacles	PC	clear	uvex supravision AR (anti-reflet) uvex supravision excellence
Assembly, maintenance	Spectacles	PC	clear	uvex supravision excellence
Grinding, angle grinding	Spectacles Goggles	PC	clear	uvex supravision excellence uvex supravision extreme
Turning, milling	Spectacles	PC	clear	uvex supravision excellence
Dusty environments	Goggles	PC	clear	uvex supravision excellence uvex supravision extreme
Foundry cleaning	Goggles	PC	clear	uvex supravision excellence uvex supravision extreme
Forestry and agriculture	Spectacles	PC	clear amber grey 23%	uvex supravision excellence uvex supravision extreme
Laboratory	Spectacles Goggles	PC CA	clear	uvex supravision sapphire uvex supravision excellence
Working with acids and galvanic media	Goggles	PC CA	clear	uvex supravision excellence uvex supravision extreme
Spot welding, soldering oxygene cutting gas welding, braze welding Welders assistant foundries furnaces	Spectacles Goggles	PC	welding shade	uvex infradur uvex infradur plus
Outdoors – sunglare	Spectacles	PC	grey brown silver mirror	uvex supravision excellence uvex supravision extreme
Offshoring / maritime	Spectacles	PC	variomatic polavision	uvex supravision variomatic uvex polavision
Strong lighting, glare	Spectacles	PC	CBR 65 silver mirror 53%	uvex supravision excellence uvex supravision extreme
Mixed lighting	Spectacles	PC	clear	uvex supravision AR (anti-reflet)
Sterile working conditions	Spectacles Overspecs	PC	clear	uvex supravision CR
Oil and gas	Spectacles Overspecs Goggles	PC	clear	uvex supravision plus
Plant visitors	Spectacles Overspecs	PC	clear	uvex supravision excellence uvex supravision sapphire uncoated



Hearing Protection

UVex

**uvex**

**uvex i-gonomics**

Innovative hearing 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 extremely low weight and optimal sound control. The banded ear plugs are easy to use, which increases wearer acceptance – for reliable hearing protection in every situation.

# uvex xact-band



## **Comfortable hearing protection with sound absorbers**

The extremely light uvex xact-band banded ear protectors, with ergonomically shaped plugs offer maximum wearer comfort. The integrated sound absorber effectively reduces background noise – such as on contact with clothing. Their thumb indentations make them particularly easy to use.

### uvex xact-band

<b>Art. no.</b>	2125.370
<b>Design</b>	with band
<b>Standard</b>	EN 352-2
<b>SNR</b>	26 dB
<b>Colour</b>	black, white
<b>Retail unit</b>	10





## Relief-Index

# 4.13

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 4.2

**Lightweight feel, better wearer acceptance**

- Test method: Weighing of the ear protectors
- Test result: Weight = 9.0 g



## force 4.9

**Comfortable feel with good fit**

- Test method: Pressure on ear canal (after 5 min.)
- Test result: Force = 0.1 N



## clima 3.3

**Clear sound, improved speech/signal comprehension**

- Test method: Sound with amplified residual ear canal volume
- Test result: Penetration depth in the ear canal = 1.0 cm



# Hearing Protection

All ears when it comes to safety

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?

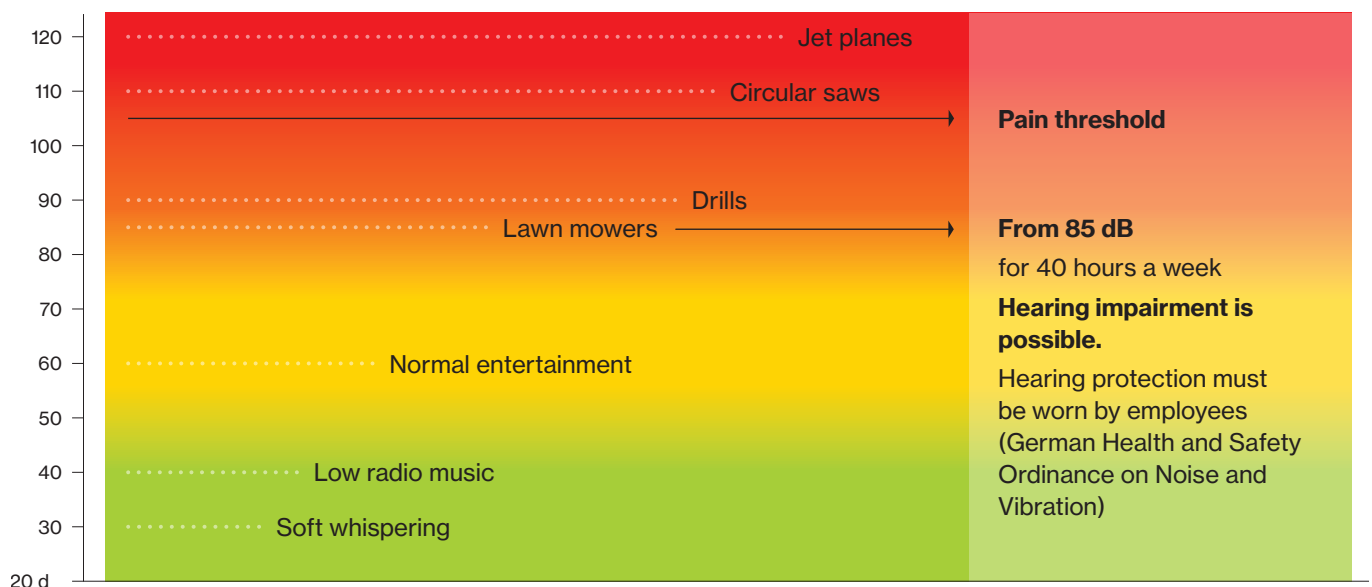
Loud sounds which comprise noise not only pose a risk to hearing but can also be distracting and debilitating.

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.



# Hearing Protection

All ears when it comes to safety

## Tests and standards

All uvex hearing protection products comply with the CE 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:

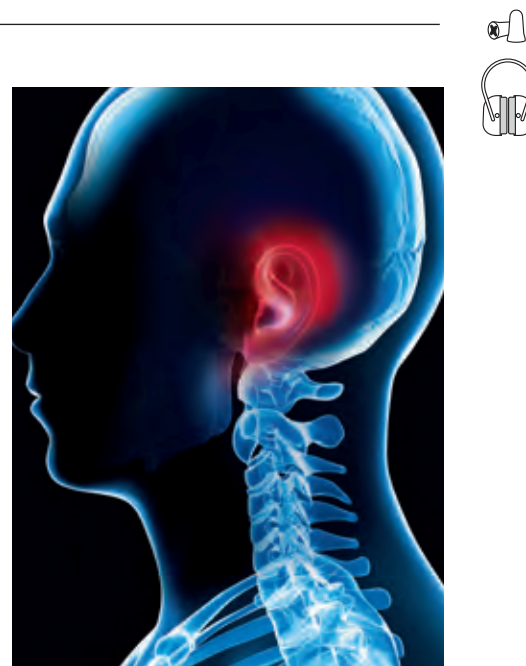
- EN 352: Part 1 Ear muffs
- EN 352: Part 2 Ear plugs
- EN 352: Part 3 Ears muffs attached to a safety helmet

## Signal recognition

When a risk assessment is carried out by a Health and Safety professional or external qualified service provider the result determines the type of hearing protection to be provided in specific workplaces.

The classifications are defined as follows:

- S** Signals audible in rail track superstructure construction
- V** Signals audible when driving a vehicle in road traffic
- W** General warning signals, informative operating sounds and speech communication audible
- E** Signals audible for multiple-unit drivers and shunting train drivers in railway operations



E1: very high suitability, ideal for persons with impaired hearing  
E2: high suitability  
E3: limited suitability

## 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	L <sub>Aeq</sub> , 8h in dB(A)	
134	135	136				137	138	139	140	141	142	143	L <sub>pC</sub> , peak in dB(C)	

Valid since 9 March 2007

# Hearing Protection

Making the right choice is essential

## What level of protection is required?

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.

## Objective: noise level – SNR value

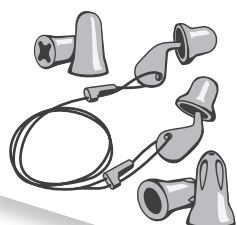
The objective when choosing suitable hearing protection is to achieve an effective residual noise level of between 70 dB and 80 dB for the wearer.

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:

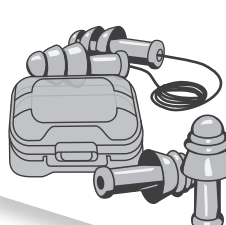
Noise level 100 dB – uvex xact-fit, SNR 26 dB = **74 dB**

## 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.

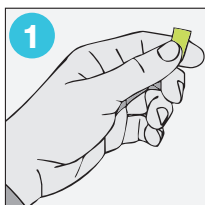


### uvex reusable ear plugs

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

## USE

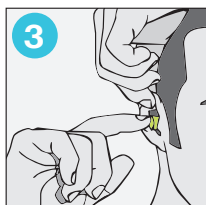
To guarantee optimum hearing protection, uvex disposable hearing protection plugs must be used correctly.



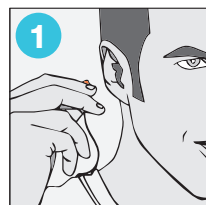
1 Briefly roll down uvex disposable hearing protection plugs.



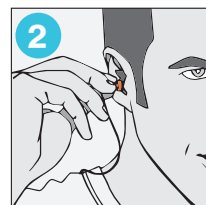
2 Put your arm over your head and move the ear slightly upwards to straighten your auditory canal. This achieves a better fit.



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



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



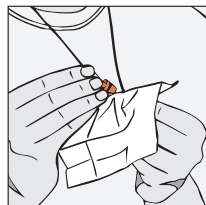
2 Insert uvex ear plugs into the auditory canal, applying gentle pressure.

## HYGIENE

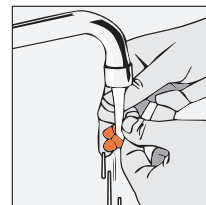
In dirty working environments, particles can easily stick to the surface of materials and cause minor injuries in the ears.



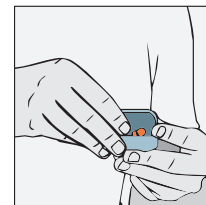
Please dispose of uvex disposable hearing protection plugs after each use.



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



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)

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



# Hearing Protection

## Disposable ear plugs



### uvex xact-fit

- disposable earplugs uniquely shaped to match the anatomy of the ear canal
- tapered plug shape ensures natural, pressure free fit – maximising comfort and protection levels
- left / right pod carriers simplify fitting and ensure accurate fit every-time
- replacement earplugs can be dispensed through the standard uvex wall mounted dispenser unit
- sealed PU foam reduces the potential for contamination
- adjustable neck cord can be altered to wearers requirements for increased safety

NRR 23 dB

uvex xact-fit		uvex xact-fit replacement earplugs	
Art. no.	2124.001	2112.124	2124.002
Design	with reusable pin	with reusable pin	replacement earplugs
Standard	EN 352-2	EN 352-2	
	additional requirement: W	additional requirement: W	
SNR	26 dB	26 dB	
Colour	lime	lime	lime
Size	M	M	M
Packaging	50 pairs, paired in mini box	retail mini box, 1 pair with cord and pin, 2 pairs of replacement earplugs	250 pairs, 5 pairs, packed in mini box

SNR: 26 dB	H: 28 dB	M: 23 dB	L: 19 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	16.6	19.4	22.0	25.6	27.5	31.8	34.4	36.9
SD dB	5.4	4.9	4.2	4.9	4.7	3.8	4.4	6.0
APV dB	11.2	14.5	17.8	20.7	22.8	28.0	30.0	30.9



### uvex hi-com

- delivers low, flat attenuation allowing for excellent speech and sound recognition
- available in two colours
- large surface area delivers softer acoustics and absorbs inner ear sounds which can become obvious when wearing hearing protection in quieter areas

NRR 20 dB

uvex hi-com		uvex hi-com	
Art. no.	2112.100	2112.101	2112.120
Design	without cord	with cord	without cord
Standard	EN 352-2	EN 352-2	EN 352-2
	additional requirement: W	additional requirement: W	additional requirement: W
SNR	24 dB	24 dB	24 dB
Colour	lime	lime	lime
Size	M	M	M
Packaging	200 pairs, packed in pairs	100 pairs, packed in pairs	retail mini box, 6 pairs

SNR: 24 dB	H: 26 dB	M: 20 dB	L: 18 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	17.5	20.0	20.4	22.8	24.6	31.2	37.5	40.3
SD dB	6.4	2.9	3.2	4.7	5.1	5.0	5.9	6.6
APV dB	11.2	17.0	17.2	18.1	19.5	26.2	31.6	33.7



Find the right hearing protection for your needs with the uvex Decibel app. Available as a free download in the iTunes Store.

# Hearing Protection

## Disposable ear plugs



2112.012



2112.004  
2112.121



2112.010



2112.001  
2112.123



2112.060  
2112.122

### uvex com4-fit

- disposable earplugs with a compact, ergonomic design
- perfect for narrow and smaller ear canals
- suitable for use in high noise environments
- patented x-grip technology reduces pressure on the ear canal and aids easy, hygienic removal
- increased wearing comfort, when worn for extended periods

**NRR 30 dB**

uvex com4-fit			
<b>Art. no.</b>	2112.004	2112.012	2112.121
<b>Design</b>	without cord	with cord	without cord
<b>Standard</b>	EN 352-2	EN 352-2	EN 352-2
	additional requirement: S, V, W, E1	additional requirement: S, V, W, E1	additional requirement: S, V, W, E1
<b>SNR</b>	33 dB	33 dB	33 dB
<b>Colour</b>	light orange	light orange	light orange
<b>Size</b>	S	S	S
<b>Packaging</b>	200 pairs, packed in pairs	100 pairs, packed in pairs	retail mini box, 6 pairs

SNR: 33 dB	H: 33 dB	M: 30 dB	L: 29 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	28.9	31.0	33.6	33.8	33.6	36.2	40.6	44.3
SD dB	3.4	5.2	5.4	5.4	4.0	4.2	3.7	2.9
APV dB	25.5	25.8	28.2	28.4	29.6	32.0	36.9	41.4

### uvex x-fit

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

**NRR 32 dB**

uvex x-fit			
<b>Art. no.</b>	2112.001	2112.010	2112.123
<b>Design</b>	without cord	with cord	without cord
<b>Standard</b>	EN 352-2	EN 352-2	EN 352-2
	additional requirement: S, V, W, E1	additional requirement: S, V, W, E1	additional requirement: S, V, W, E1
<b>SNR</b>	37 dB	37 dB	37 dB
<b>Colour</b>	lime	lime	lime
<b>Size</b>	M	M	M
<b>Packaging</b>	200 pairs, packed in pairs	100 pairs, packed in pairs	retail mini box, 6 pairs

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 xtra-fit

- disposable earplugs ideal for larger ear canals
- adapts to the shape and size of the ear canal, thereby optimising fit and protection
- very soft and comfortable to wear

**NRR 32 dB**

uvex xtra-fit			
<b>Art. no.</b>	2112.060	2112.122	
<b>Design</b>	without cord	without cord	
<b>Standard</b>	EN 352-2	EN 352-2	
	additional requirement: S, V, W, E1	additional requirement: S, V, W, E1	
<b>SNR</b>	36 dB	36 dB	
<b>Colour</b>	orange	orange	
<b>Size</b>	L	L	
<b>Packaging</b>	200 pairs, packed in pairs	retail mini box, 6 pairs	

SNR: 36 dB	H: 34 dB	M: 33 dB	L: 32 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	32.7	34.8	36.8	38.9	36.9	36.2	44.0	41.5
SD dB	4.6	4.4	5.6	5.2	4.7	3.7	4.0	5.0
APV dB	28.1	30.4	31.2	33.7	32.2	32.5	40.0	36.5

# Hearing Protection

Disposable ear plugs · Earplug dispenser · Refill packs



## 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”

<b>Art. no.</b>	2112.000
<b>Colour</b>	transparent, grey, sky blue
<b>Packaging</b>	1 unit
Earplugs not included.	



## uvex dispenser “one2click” – Refill packs



	uvex x-fit	uvex com4-fit	uvex xact-fit
<b>Art. no.</b>	2112.022	2112.023	2124.003
<b>Design</b>	without cord	without cord	replacement earplugs
<b>Standard</b>	EN 352-2	EN 352-2	EN 352-2
	additional requirement: S, V, W, E	additional requirement: S, V, W, E	additional requirement: W
<b>SNR</b>	37 dB (see page 70)	33 dB (see page 70)	26 dB (see page 69)
<b>Colour</b>	lime	light orange	lime
<b>Size</b>	M	S	M
<b>Packaging</b>	refill box, 300 pairs, loose	refill box, 300 pairs, loose	refill box, 400 pairs, loose

	uvex hi-com	uvex hi-com	uvex xtra-fit
<b>Art. no.</b>	2112.118	2112.119	2112.061
<b>Design</b>	without cord	without cord	without cord
<b>Standard</b>	EN 352-2	EN 352-2	EN 352-2
	additional requirement: W	additional requirement: W	additional requirement: S, V, W, E
<b>SNR</b>	24 dB (see page 69)	24 dB (see page 69)	36 dB (see page 70)
<b>Colour</b>	lime	beige	orange
<b>Size</b>	M	M	L
<b>Packaging</b>	refill box, 300 pairs, loose	refill box, 300 pairs, loose	refill box, 250 pairs, loose



2134.000

## Wall-mounted dispenser

- plexiglas wall-mounted dispenser, suitable for uvex x-fit (2112.001, 2112.010, 2112.011), uvex com4-fit (2112.004, 2112.012), uvex one-fit (2112.045), uvex xtra-fit (2112.060), uvex hi-com (2112.100, 2112.101, 2112.106, 2112.114).

Wall mounted dispenser	
<b>Art. no.</b>	2134.000
<b>Colour</b>	transparent
<b>Packaging</b>	1 unit
Earplug box not included.	

## uvex earplug box

- box for hygienic earplug storage
- compact and dirt-resistant design

uvex earplug box	
<b>Art. no.</b>	2111.404
<b>Design</b>	supplied separately, earplugs not included
<b>Colour</b>	blue, transparent
<b>Packaging</b>	50 pieces



2111.404

# Hearing Protection

## Reusable ear plugs



2111201



2111237



2111212



2111238



2111235

### 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

**NRR 23 dB**

uvex whisper		
<b>Art. no.</b>	2111201	2111237
<b>Design</b>	with cord	with cord, in earplug box
<b>Standard</b>	EN 352-2	EN 352-2
	additional requirement: S, W	additional requirement: S, W
<b>SNR</b>	23 dB	23 dB
<b>Colour</b>	orange	orange
<b>Size</b>	M	M
<b>Packaging</b>	50 pairs	50 pairs

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 +

- 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

**NRR 25 dB**

uvex whisper +		
<b>Art. no.</b>	2111212	2111238
<b>Design</b>	with cord	with cord, in earplug box
<b>Standard</b>	EN 352-2	EN 352-2
	additional requirement: S, V, W, E1	additional requirement: S, V, W, E1
<b>SNR</b>	27 dB	27 dB
<b>Colour</b>	lime	lime
<b>Size</b>	M	M
<b>Packaging</b>	50 pairs	50 pairs

SNR: 27 dB	H: 27 dB	M: 24 dB	L: 22 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	26.6	26.9	24.3	26.1	28.8	32.8	32.6	38.1
SD dB	6.1	6.1	4.1	5.1	5.1	5.0	6.5	5.3
APV dB	20.5	20.8	20.2	21.0	23.7	27.8	26.1	32.8

### 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

**NRR 27 dB**

uvex whisper supreme		
<b>Art. no.</b>	2111235	
<b>Design</b>	with cord, in earplug box	
<b>Standard</b>	EN 352-2	
	additional requirement: W	
<b>SNR</b>	30 dB	
<b>Colour</b>	yellow	
<b>Size</b>	L	
<b>Packaging</b>	50 pairs	

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	



# Hearing Protection

## Detectable ear plugs



### uvex xact-fit detec

- disposable plugs with integrated metal elements makes both earplugs and cord detectable
- tapered plug shape ensures natural, pressure free fit – maximising comfort and protection levels
- left / right pod carriers simplify fitting and ensure accurate fit every-time
- adjustable neck cord can be altered to wearers requirements
- sealed PU foam reduces the potential for contamination for increased hygiene
- replacement pods prolong the life of the product

uvex xact-fit detec			
Art. no.	2124.011	2124.012	2124.013
Design	with reusable pin, detectable	replacement earplugs, detectable	replacement earplugs, detectable
Standard	EN 352-2		
	additional requirement: W		
SNR	26 dB		
Colour	blue	blue	blue
Size	M	M	M
Packaging	50 pairs, in pairs in mini box	250 pairs, 5 pairs paired in mini box	refill box, 400 pairs, loose

SNR: 26 dB	H: 28 dB	M: 23 dB	L: 19 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	16.6	19.4	22.0	25.6	27.5	31.8	34.4	36.9
SD dB	5.4	4.9	4.2	4.9	4.7	3.8	4.4	6.0
APV dB	11.2	14.5	17.8	20.7	22.8	28.0	30.0	30.9



### uvex x-fit detec

- disposable earplugs coloured blue with metal component for easy detection
- suitable for use in high noise environments
- tapered shape matches the ear canal anatomy for comfortable and secure fit
- patented x-grip technology reduces pressure on the ear canal and aids easy, hygienic removal
- sealed PU foam reduces the potential for contamination

uvex x-fit detec	
Art. no.	2112.011
Design	with cord
Standard	EN 352-2
	additional requirement: S, V, W, E1
SNR	37 dB
Colour	blue
Size	M
Packaging	100 pairs, packed in pairs

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+ detec

- reusable, detectable pre-shaped plug
- coloured blue with metal component for easy detection in production areas
- tapered smooth fins fit the natural shape of the ear canal, are comfortable on the skin, reduce pressure for long-term wear and provides a good comfortable seal against external noise
- flat attenuation for excellent speech recognition
- comes with a hygiene box for storage
- can be washed with soap and water and stored for repeated use

uvex whisper+ detec	
Art. no.	2111.239
Design	with cord in earplug box, detectable
Standard	EN 352-2
	additional requirement: S, V, W, E1
SNR	27 dB
Colour	blue
Size	M
Packaging	50 pairs

SNR: 27 dB	H: 27 dB	M: 24 dB	L: 22 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	26.6	26.9	24.3	26.1	28.8	32.8	32.6	38.1
SD dB	6.1	6.1	4.1	5.1	5.1	5.0	6.5	5.3
APV dB	20.5	20.8	20.2	21.0	23.7	27.8	26.1	32.8



### uvex hi-com detec

- metal powder in cord allows full detection even if the cord is shredded, coloured blue for easy recognition
- oval pods match the shape of the outer ear ensuring pressure free, comfortable fit
- delivers low, flat attenuation allowing for excellent speech and sound recognition
- large surface area delivers softer acoustics and absorbs inner ear sounds which can become obvious when wearing hearing protection in quieter areas

uvex hi-com detec	
Art. no.	2112.114
Design	with cord, detectable
Standard	EN 352-2
	additional requirement: W
SNR	24 dB
Colour	blue
Size	M
Packaging	100 pairs, packed in pairs

SNR: 24 dB	H: 26 dB	M: 20 dB	L: 18 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	17.5	20.0	20.4	22.8	24.6	31.2	37.5	40.3
SD dB	6.4	2.9	3.2	4.7	5.1	5.0	5.9	6.6
APV dB	11.2	17.0	17.2	18.1	19.5	26.2	31.6	33.7

# Hearing Protection

## Banded hearing protection



2125.361



2125.344



2125.362

### uvex x-cap

- ergonomically shaped banded ear protector for optimal positioning in front of the chin
- ergonomically shaped earplugs provide a high level of wearer comfort

#### NRR 20 dB

uvex x-cap	
Art. no.	2125.361 2125.351
Design	with band replacement earplugs
Standard	EN 352-2 additional requirement: W, E3
SNR	24 dB
Colour	grey, sky blue, lime sky blue, lime
Packaging	15 per box 60 pairs, bagged in 5 pairs in zip-top polythene bag

SNR: 24 dB	H: 27 dB	M: 19 dB	L: 18 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	23.7	22.0	21.6	19.0	23.8	31.9	39.6	39.6
SD dB	4.0	2.9	4.7	4.3	3.6	4.0	2.7	3.7
APV dB	19.7	19.1	16.9	14.7	20.2	27.9	36.9	35.9

### uvex x-fold

- ergonomically shaped banded ear protector for optimal positioning in front of the chin which eliminates noise transfer on contact
- ergonomically shaped replacement earplugs for optimal wearer comfort
- foldable banded ear protectors make storage easy

#### NRR 23 dB

uvex x-fold	
Art. no.	2125.344 2125.351
Design	with foldable band replacement earplugs
Standard	EN 352-2
SNR	23 dB
Colour	grey, sky blue, lime sky blue, lime
Packaging	5 per box 60 pairs, bagged in 5 pairs in zip-top polythene bag

SNR: 23 dB	H: 26 dB	M: 18 dB	L: 17 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	24.2	23.8	20.5	18.5	21.6	31.3	36.3	39.4
SD dB	4.4	3.2	3.4	4.7	2.6	3.6	2.5	3.3
APV dB	19.7	20.6	17.1	13.8	19.0	27.8	33.9	36.1

### uvex xact-band

- banded ear protector
- replacement earplugs can be dispensed through the standard uvex wall mounted dispenser unit
- ergonomically shaped plugs create a perfect fit
- thumb indentations on the stems for quick and easy fitting
- integrated sound absorbers reduce noise transmission through the band
- extremely low weight – just 4 grams

#### NRR 21 dB

uvex xact-band	
Art. no.	2125.362 2124.002 2124.003
Design	with band replacement earplugs replacement earplugs
Standard	EN 352-2
SNR	26 dB
Colour	grey, sky blue, lime lime lime
Packaging	10 units 250 pairs, 5 pairs paired in mini box 400 pairs, loose in the refill box

SNR: 26 dB	H: 29 dB	M: 22 dB	L: 21 dB					
f/Hz	63	125	250	500	1000	2000	4000	8000
MA dB	21.5	23.3	24.7	25.3	27.1	33.0	37.3	38.5
SD dB	3.6	3.6	4.7	6.0	5.5	2.7	4.3	4.9
APV dB	17.9	19.7	20.0	19.3	21.5	30.3	33.0	33.6

## uvex K series

High-protection in a perfect design

The features of the new uvex K series earmuffs provide wearers with appropriate protection and unparalleled comfort.



### Colour coding

An easy to understand traffic light system supports correct product selection.

### Low weight

noticeably increases wearing comfort.



### Padded headbands

for optimum wearer comfort.

### Soft-covered ear cushions

adapt perfectly to wearers' facial contours.

**A wide range of earmuffs:**  
suitable for a range of noise environments.



# Hearing Protection

## K series · Features

### uvex K series



#### Length adjustment

Easily adjustable for a perfect fit and optimum protection.



#### Padded headband

Padded headband for optimum comfort, when worn for long periods.



#### Memory foam

Wearer comfort guaranteed thanks to extra soft memory foam ear cushions, even when worn for long periods.



#### Extremely light weight

Ultra low weight makes them comfortable even when worn for extended periods.



#### Certification

Certified in accordance with EN 352-1, Australian Standard AS/NZS and ANSI.

### uvex K200



#### Length adjustment

Easily adjustable for a customised fit and optimum protection.



#### Optimum fit

Adjustable headband delivers individual fit and customised protection.



#### 360° rotation

Range of positions possible with 360° capsule rotation. Earmuffs with a headband can be worn under the chin or around the neck.



#### Dielectric

Metal-free earmuffs suitable for use in work-place environments with exposure to electrical voltage.

### Accessories



#### Replacement pads

Replacement pads for lasting comfort and hygienic use.



#### Comfort pads

Self-adhesive comfort pads for maximum comfort, including higher temperature environments.

### uvex K1H · uvex K2H



#### Length adjustment

Easily adjustable for a customised fit to ensure optimum protection.



#### Resting position

Earmuffs can be rotated 360° for easy use from standby and resting positions.



#### Helmet-visor combination

uvex earmuffs can be combined with uvex safety helmets to ensure complete all-round head protection.



# Hearing Protection

## Earmuffs



2600.001



### uvex K1

- ear muffs with length adjustment
- lightweight with a small cup
- easily adjustable for a perfect fit
- soft surface and padded headband for optimum wearer comfort

uvex K1	
<b>Art. no.</b>	2600.001
<b>Design</b>	with length adjustment
<b>Standard</b>	EN 352-1
<b>SNR</b>	28 dB
<b>Colour</b>	black, green
<b>Packaging</b>	1 unit

SNR: 28 dB	H: 35 dB	M: 24 dB	L: 17 dB				
f/Hz	125	250	500	1000	2000	4000	8000
MA dB	17.6	16.3	25.4	34.5	37.7	39.9	41.7
SD dB	3.9	3.1	2.8	3.2	3.2	3.5	3.6
APV dB	13.7	13.2	22.6	31.3	34.4	36.4	38.1



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	
<b>Art. no.</b>	2600.002
<b>Design</b>	with length adjustment
<b>Standard</b>	EN 352-1
<b>SNR</b>	32 dB
<b>Colour</b>	black, yellow
<b>Packaging</b>	1 unit

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



2600.012



### uvex K2 foldable

- earmuffs with foldable headband
- lightweight with a small cup
- wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods
- hi-vis design for improved wearer visibility

uvex K2 foldable	
<b>Art. no.</b>	2600.012
<b>Design</b>	with foldable headband
<b>Standard</b>	EN 352-1
<b>SNR</b>	32 dB
<b>Colour</b>	neon lime
<b>Packaging</b>	1 unit

SNR: 31 dB	H: 35 dB	M: 29 dB	L: 21 dB				
f/Hz	125	250	500	1000	2000	4000	8000
MA dB	16.2	20.5	30.5	39.5	35.3	36.3	39.7
SD dB	2.4	2.0	1.8	2.3	1.4	2.7	2.7
APV dB	13.8	18.5	28.6	37.2	33.9	33.6	37.1

# Hearing Protection

## Earmuffs



2600.003



### uvex K3

- earmuffs with length adjustment
- lightweight with a small cup
- higher protection levels in high-frequency range
- easily adjustable for a perfect fit
- padded headband for optimum wearer comfort
- wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods

uvex K3	
<b>Art. no.</b>	2600.003
<b>Design</b>	with length adjustment
<b>Standard</b>	EN 352-1
<b>SNR</b>	33 dB
<b>Colour</b>	black, red
<b>Packaging</b>	1 unit

SNR: 33 dB	H: 36 dB	M: 30 dB	L: 22 dB				
f/Hz	125	250	500	1000	2000	4000	8000
MA dB	19.2	21.7	32.4	39.4	37.3	39.1	40.7
SD dB	2.7	2.2	3.0	3.3	3.0	3.1	3.8
APV dB	16.5	19.5	29.4	36.1	34.3	36.0	36.9



2600.004



### uvex K4

- optimum protection in extremely noisy environments
- easy length adjustment and optimised headband padding for exceptional wearer comfort
- hi-vis design for improved wearer visibility
- wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods

uvex K4	
<b>Art. no.</b>	2600.004
<b>Design</b>	with length adjustment
<b>Standard</b>	EN 352-1
<b>SNR</b>	35 dB
<b>Colour</b>	neon lime
<b>Packaging</b>	1 unit

SNR: 35 dB	H: 38 dB	M: 33 dB	L: 24 dB				
f/Hz	125	250	500	1000	2000	4000	8000
MA dB	20.2	24.6	35.5	41.5	38.4	42.1	45.0
SD dB	3.0	1.8	2.6	2.3	2.7	3.5	2.8
APV dB	17.2	22.8	32.9	39.2	35.7	38.6	42.2



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	
<b>Art. no.</b>	2600.200
<b>Design</b>	with 360° headband adjustment
<b>Standard</b>	EN 352-1
<b>SNR</b>	28 dB
<b>Colour</b>	black, ochre
<b>Packaging</b>	1 unit

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

# Hearing Protection

## Earmuffs with helmet attachment



### uvex K1H

- earmuffs, ideal for combining with helmet and visor
- compatible with the following products:  
uvex industrial safety helmets: uvex pheos B, uvex pheos B-WR, uvex pheos B-S-WR, uvex pheos IES, uvex pheos alpine, uvex airwing, uvex super boss (page 91 to 95),  
uvex visor 9790 (page 98)
- not compatible with uvex pheos helmet system
- length is easily adjustable for a perfect fit on the helmet
- soft ear cushions adapt to surface and head shape to ensure optimum wearer comfort
- 360° rotation for standby and resting positions

uvex K1H	
<b>Art. no.</b>	2600.201
<b>Design</b>	helmet ear muffs
<b>Standard</b>	EN 352-3
<b>SNR</b>	27 dB
<b>Colour</b>	black, green
<b>Packaging</b>	1 set

SNR: 27 dB	H: 32 dB	M: 24 dB	L: 17 dB				
f/Hz	125	250	500	1000	2000	4000	8000
MA dB	15.0	15.3	23.5	31.8	34.3	37.3	38.4
SD dB	2.8	2.0	2.3	3.0	2.7	3.5	3.3
APV dB	12.2	13.2	21.2	28.8	31.6	33.7	35.0

### uvex K2H

- earmuffs, ideal for combining with helmet and visor
- compatible with the following products:  
uvex industrial safety helmets: uvex pheos B, uvex pheos B-WR, uvex pheos B-S-WR, uvex pheos IES, uvex pheos alpine, uvex airwing, uvex super boss (page 91 to 95),  
uvex visor 9790 (page 98)
- not compatible with uvex pheos helmet system
- length is easily adjustable for a perfect fit on the helmet
- wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods
- 360° rotation for standby and resting positions

uvex K2H	
<b>Art. no.</b>	2600.202
<b>Design</b>	helmet ear muffs
<b>Standard</b>	EN 352-3
<b>SNR</b>	30 dB
<b>Colour</b>	black, yellow
<b>Packaging</b>	1 set

SNR: 30 dB	H: 35 dB	M: 27 dB	L: 20 dB				
f/Hz	125	250	500	1000	2000	4000	8000
MA dB	17.9	19.3	27.1	34.6	36.5	39.5	40.1
SD dB	2.8	2.4	3.0	3.1	2.8	2.7	3.5
APV dB	15.1	16.8	24.1	31.4	33.7	36.8	36.6

### uvex 3200H

- Dielectric earmuffs for safety helmets
- Suitable for use in workplace environments with exposure to electrical voltage
- Individually adjustable ear piece attachments
- Can be combined with uvex safety helmets, uvex visors (Art. No. 9790.048) and the following wide-vision goggles: uvex ultrasonic (Art. No. 9302.510) and uvex ultravision (Art. No. 9301.544)

<b>Art. no.</b>	2500.025	<b>NRR 26 dB</b>
<b>Colour</b>	blue	
<b>Weight</b>	264 g	
<b>Retail unit</b>	1 set	

SNR: 32 dB	H: 35 dB		M: 30 dB		L: 22 dB				
f/Hz	125	250	500	1000	2000	3150	4000	6300	8000
MA dB	18.5	21.9	30.2	38.6	37.6	37.9	38.1	35.0	37.3
SD dB	3.9	2.3	1.9	2.6	3.5	2.4	2.4	2.1	2.2
APV dB	14.6	19.6	28.3	36.0	34.1	35.5	35.7	32.9	35.1



2600.201



2600.202



2500.025

# Hearing Protection

uvex pheos helmet system

Adapts perfectly to your requirements –  
thanks to the flexible modular system.



Every detail of the new pheos helmet system has been carefully thought through to deliver an advanced head protection solution. The magnetic locking system makes it

simple to attach the visor and ear muffs, while the ergonomic joint system makes it extremely comfortable to wear for long periods.



**Magnetic lock system**  
for visor and ear muffs

## One click attachment system

The unique magnetic lock system allows parts to connect easily – the helmet does not need to be removed when attaching or removing the ear muffs.

## Extra-soft ear muffs

Wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods.



# Hearing Protection

## uvex pheos earmuffs



### uvex pheos K2H

- manual helmet connection for combining with uvex pheos helmet system
- compatible with the uvex pheos visor 9906 (art. no. 9906.002)
- wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods
- 360° rotation for standby and resting positions

uvex pheos K2H							
Art. no.	2600.204						
Design	helmet ear muffs for the uvex pheos helmet system						
Standard	EN 352-3						
SNR	29 dB						
Colour	black, yellow						
Packaging	1 set						

SNR: 29 dB	H: 33 dB	M: 26 dB	L: 19 dB				
f/Hz	125	250	500	1000	2000	4000	8000
MA dB	16.0	17.9	25.7	34.3	35.0	35.1	37.1
SD dB	2.7	2.0	2.8	2.8	2.2	2.9	2.8
APV dB	13.3	15.9	22.9	31.6	32.8	32.2	34.2

### uvex pheos K2H magnet

- magnetic helmet connection for combining with uvex pheos helmet system
- compatible with the uvex pheos visor 9906 (art. no.: 9906.003)
- wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods
- 360° rotation for standby and resting positions
- also available: earmuff adaptor allowing helmet earmuffs to be used without uvex pheos visor; art. no. 9790.078 (see page 97)

uvex pheos K2H magnet							
Art. no.	2600.205						
Design	helmet ear muffs for the uvex pheos helmet system						
Standard	EN 352-3						
SNR	27 dB						
Colour	black, yellow						
Packaging	1 set						

SNR: 27 dB	H: 31 dB	M: 24 dB	L: 18 dB				
f/Hz	125	250	500	1000	2000	4000	8000
MA dB	16.3	17.4	24.2	31.9	32.6	36.3	35.1
SD dB	3.1	3.2	2.4	2.4	3.2	3.3	3.7
APV dB	13.2	14.2	21.7	29.5	29.4	32.9	31.4



2600.204  
2600.205



## Compatibility

The following helmet/visor combinations are possible:



uvex pheos K2H  
2600.204

uvex pheos visor 9906.002  
(page 98)

Safety helmet uvex pheos B-S-WR (page 94) and  
uvex pheos alpine (page 96) in all available colours

## Not compatible with uvex pheos SLB 1 and SLB 2 visors!



uvex pheos K2H magnet  
2600.205

uvex pheos visor  
9906.003  
(page 98)

Safety helmet uvex pheos B-S-WR (page 94) and  
uvex pheos alpine (page 96) in all available colours

Hearing Protection  
Accessories



2599.971  
2599.972



2599.978



6177.116

uvex K Series · Hygiene kits

	uvex K series hygiene kits standard	uvex K series hygiene kit premium
Art. no.	2599.971	2599.972
Design	accessories for uvex K1, uvex K200, uvex K1H, uvex K junior	accessories for uvex K2, uvex K2H, uvex pheos K2H, uvex pheos K2H magnet, uvex K3, uvex K4
Packaging	1 set	1 set

uvex K series comfort pads “uvex dry pads”

	uvex K series comfort pads “uvex dry pads”
Art. no.	2599.978
Design	accessories for all models in the uvex K series
Packaging	Bag of 5 pairs

uvex clear otoplastics

- silicone-free towelettes for quick and easy cleaning of reusable ear plugs

	uvex clear otoplastics
Art. no.	6177.116
Packaging	30 per box

# Hearing Protection

Different situations, different ears

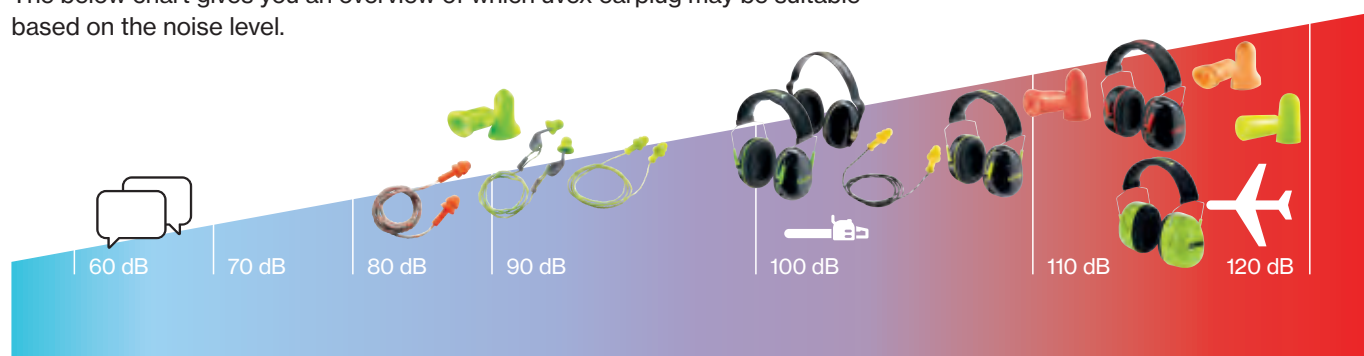


## Hearing protection for every situation

There are many types of uvex hearing protection which are suitable for different situations and if you work in or are passing through high noise level areas you need the right level of protection.

It is important to strike the right balance between the need to adequately protect your hearing from dangerous noise while not compromising your ability to hear and communicate.

The below chart gives you an overview of which uvex earplug may be suitable based on the noise level.



## Every ear is different

All ear canals vary in shape and size, so earplugs must be able to provide the right fit.

For this reason, uvex offers a variety of options for hearing protection, which are suitable for different shapes and sizes.



# Hearing Protection

## Overview

Art. no.	Name	Product	Colour	Packaging	Page
2111.201	uvex whisper	Reusable earplugs with cord in a mini box	orange	box of 50 pairs	72
2111.212	uvex whisper+	Reusable earplugs with cord in a mini box	lime	box of 50 pairs	72
2111.235	uvex whisper supreme	Reusable earplugs with cord in earplug box	yellow	box of 50 pairs	72
2111.237	uvex whisper	Reusable earplugs with cord in earplug box	orange	box of 50 pairs	72
2111.238	uvex whisper+	Reusable earplugs with cord in earplug box	lime	box of 50 pairs	72
2111.239	uvex whisper+ detec	Detectable reusable earplugs with cord in earplug box	blue	box of 50 pairs	73
2111.404		uvex earplug box	blue, transparent	50 pieces	71
2112.000		"one 2 click" dispenser for 600 pairs of earplugs		1 unit	71
2112.001	uvex x-fit	Disposable earplugs without cord	lime	200 pairs, packed in pairs	70
2112.004	uvex com4-fit	Disposable earplugs without cord	light orange	200 pairs, packed in pairs	70
2112.010	uvex x-fit	Disposable earplugs with cord	lime	100 pairs, packed in pairs	70
2112.011	uvex x-fit detec	Detectable disposable earplugs with cord	blue	100 pairs	73
2112.012	uvex com4-fit	Disposable earplugs with cord	light orange	100 pairs, packed in pairs	70
2112.022	uvex x-fit	Refill box	lime	300 pairs loose in box	71
2112.023	uvex com4-fit	Refill box	light orange	300 pairs loose in box	71
2112.060	uvex xtra-fit	Disposable earplugs without cord	orange	200 pairs, packed in pairs	70
2112.061	uvex xtra-fit	Refill box	orange	250 pairs loose in a box	71
2112.100	uvex hi-com	Disposable earplugs without cord	lime	200 pairs, packed in pairs	69
2112.101	uvex hi-com	Disposable earplugs with cord	lime	100 pairs, packed in pairs	69
2112.106	uvex hi-com	Disposable earplugs without cord	beige	200 pairs, packed in pairs	69
2112.114	uvex hi-com detec	Detectable disposable earplugs with cord	blue	box of 50 pairs	73
2112.118	uvex hi-com	Refill box	lime	300 pairs loose in box	71
2112.119	uvex hi-com	Refill box	beige	300 pairs loose in box	71
2112.120	uvex hi-com	Retail mini box	lime	6 pairs in retail mini box	69
2112.121	uvex com4-fit	Retail mini box	light orange	6 pairs in retail mini box	70
2112.122	uvex xtra-fit	Retail mini box	orange	6 pairs in retail mini box	70
2112.123	uvex x-fit	Retail mini box	lime	6 pairs in retail mini box	70
2112.124	uvex xact-fit	Retail mini box	grey, lime	1 pair with cord, 2 pairs of replacement earplugs	69
2124.001	uvex xact-fit	Earplugs with cord and pin	lime, grey	50 pairs, paired in mini box	69
2124.002	uvex xact-fit	Replacement earplugs	lime	250 pairs, paired in mini box	69/74
2124.003	uvex xact-fit	Refill box	lime	400 pairs loose in box	71/ 74
2124.011	uvex xact-fit detec	Detectable earplugs with arm	blue	50 pairs, paired in mini box	73
2124.012	uvex xact-fit detec	Replacement earplugs	blue	250 pairs, paired in mini box	73
2124.013	uvex xact-fit detec	Refill box	blue	400 pairs loose in box	73
2125.344	uvex x-fold	Folding banded ear protector	grey, sky blue, lime	5 units, individually packed in a polythene bag	74
2125.351		Replacement earplugs for uvex x-cap and uvex x-fold banded ear protectors	sky blue, lime	60 pairs, packed in sets of 5 pairs in a zip-top polythene bag	74
2125.361	uvex x-cap	Banded ear protector	grey, sky blue, lime	15 units, individually packed in a polythene bag	74
2125.362	uvex xact-band	Banded ear protector	grey, sky blue, lime	Box of 10 units	74
2125.370	uvex xact-band	Banded ear protector	black, white	Box of 10 units	64
2134.000		Wall-mounted dispenser		1 unit	71
2599.971		Hygiene kit uvex K series standard		1 set	82
2599.972		Hygiene kit uvex K series premium		1 set	82
2599.978		Comfort pads		5 pairs in polythene bag	82
2600.001	uvex K1	Passive earmuffs	black, green	1 unit	77
2600.002	uvex K2	Passive earmuffs	black, yellow	1 unit	77
2600.003	uvex K3	Passive earmuffs	black, red	1 unit	78
2600.004	uvex K4	Passive earmuffs	neon lime	1 unit	78
2600.012	uvex K2 foldable	Passive earmuffs	neon lime	1 unit	77
2600.200	uvex K200	Passive earmuffs	black, ochre	1 unit	78
2600.201	uvex K1 H	Earmuffs with helmet attachment	black, green	1 set	79
2600.202	uvex K2 H	Earmuffs with helmet attachment	black, yellow	1 set	79
2600.204	uvex pheos K2H	Earmuffs with helmet attachment	black, yellow	1 set	81
2600.205	uvex pheos K2H magnet	Earmuffs with helmet attachment	black, yellow	1 set	81
6177.116	uvex clear otoplastics	silicone-free towelettes		30 per box	82
2500.025	uvex 3200H	Earmuffs with helmet attachment	blue	1 set	79





Safety Helmets

**uvex**

**uvex i-gonomics**

Innovative head 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 safety helmet is noticeably more comfortable to wear – meaning your team can be fully protected and 100% efficient at all times.

# uvex perfexxion



**Extremely versatile – maximum comfort.**

The functional uvex perfexxion safety helmet is especially versatile: It can be used as an industrial helmet or as a mountaineering or cycling helmet, which complies with applicable standards – its ergonomically perfect fit and optimal climate control make it particularly comfortable to wear.

## Relief-Index

# 4.33

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 4.7

**Comfortable fit, better performance**

- Test method: Weighing of the helmet / certified standards
- Test result: 628 g/3 certified standards = 209 g



## force 3.7

**Reliable head protection, optimal absorption**

- Test method: Shock absorption in vertex and side area
- Test result: Residual force in vertex area = 4.7kN, Brake delay in side area = 90g



## clima 4.6

**Reduced perspiration for increased wearer acceptance**

- Test method: Ventilation test in climate chamber
- Test result: Evaporation value = 65%



# Standards at a glance

EN 397 · EN 50365

## EN 397 – Industrial safety helmets

Protection against falling objects and the consequences thereof, such as brain damage and skull fracture

**Binding requirements:** all helmets certified according to EN 397 must meet these requirements.

- shock absorption, vertical
- penetration resistance (against sharp and pointed objects)
- flame resistance
- chin strap attachment: chin strap releases at minimum 150 N and maximum 250 N

**Optional requirements:** a helmet certified in accordance with EN 397 may meet these requirements; they are, however, not mandatory requirements.

- very low temperatures (-20 °C or -30 °C)
- very high temperatures (+150 °C)
- electrical insulation (440 V)
- molten metal (MM)
- lateral deformation

very low temperatures (-20 °C or -30 °C)					
	uvex airwing	uvex super boss	uvex pheos	uvex pheos alpine	
very high temperatures (+150 °C)					
					uvex thermo boss
electrical insulation (440 V)					
		uvex airwing E			uvex thermo boss
molten metal (MM)					
			uvex pheos		
lateral deformation					

## EN 50365 – Insulating helmets for use on low voltage installations

Protection against electric shocks and prevention of dangerous electric current passing through the head

### Requirements:

- All helmets must also meet the requirements in accordance with EN 397.
- Protection against alternating voltage of up to 1000 V (AC) or direct voltage up to 1500 V (DC)
- Insulating helmets must not contain any conductive parts.
- Air vents (if available) must not allow any accidental contact with live parts.



uvex pheos E



# Overview of standards

EN 12492 · EN 14052

## EN 12492 – Helmets for mountaineers

Protection against hazards that may occur during activities undertaken by mountaineers

### Requirements:

- Shock absorption, vertical, frontal, lateral, dorsal
- Penetration resistance
- Carrier element (chin strap releases at min. 500 N)
- Strength of carrier element: Chin strap may exhibit maximum elongation of 25 mm
- Carrier element effectiveness: Helmet must not slide from the head



## EN 14052 – High performance industrial helmets

Protection against falling objects and lateral impact along with the resulting damage to the brain, skull and neck

### Binding requirements:

- Shock absorption, vertical and lateral
- Penetration resistance, vertical and lateral
- Fastening system yield: Chin strap yields at minimum 150 N and maximum 250 N
- Fastening system effectiveness: During the shock absorption and penetration test, the helmet must not become detached from the test head
- Flame resistance

A helmet certified in accordance with EN 14052 may meet these requirements; they are, however, not mandatory requirements.

### Optional:

- low temperatures (-20°C, -30°C, -40°C)
- higher temperatures (+150°C)
- radiant heat
- electrical insulation
- molten metal (MM)



## uvex perfexxion

Adjustable head protection for optimum wearer comfort



uvex perfexxion meets all the applicable protection standards for use as an industrial helmet or as a mountaineering or cycling helmet – and with its optimised climate control system and ergonomic fit, it's exceptionally comfortable to wear.



**No heat build-up**  
Six variable air vents for optimum air circulation.



**Additional comfort**  
with padded interior and inner mesh



**Perfect fit**  
with variable width and height adjustment



**Flexible use**  
Fastening mechanism for use as an industrial helmet (EN 14052), mountaineering helmet (EN 12492) or cycling helmet (EN 1078)



# Safety Helmets

uvex perfexxion



9720.020



9720.920



9720.021



9720.921

## uvex perfexxion

- unique combination of standards EN 14052, 12492 and 1078
- safety helmet with slots for uvex visors, earmuffs and lamps
- side Euroslot adapters (30 mm) for attaching earmuffs
- additional slots at the side to add a variety of accessories
- meets the following standards:  
EN 14052 – High performance industrial helmets  
EN 12492 – Helmets for mountaineers  
EN 1078 – Helmets for pedal cyclists

- six variable and convenient air vents for maximum ventilation
- suspension harness with wheel ratchet system for variable width adjustment and height adjustment
- suspension harness with convenient inner mesh for added comfort
- optimal fit thanks to two different sizes (M and L)
- no additional chin strap necessary – simple combination of the EN 14052 industrial helmet and the helmet for mountaineers (EN 12492)/helmet for pedal cyclists (EN 1078) due to fastening mechanism

uvex perfexxion								
Art. no.	9720.020	9720.021	9720.030	9720.031	9720.920	9720.921	9720.930	9720.931
Colour	white	white with logo	white	white with logo	black	black with logo	black	black with logo
Version	with short brim	with short brim	with short brim	with short brim	with short brim	with short brim	with short brim	with short brim
Standard	EN 14052	EN 14052	EN 14052	EN 14052	EN 14052	EN 14052	EN 14052	EN 14052
	EN 12492	EN 12492	EN 12492	EN 12492	EN 12492	EN 12492	EN 12492	EN 12492
Standard	EN 1078	EN 1078	EN 1078	EN 1078	EN 1078	EN 1078	EN 1078	EN 1078
	M (52 to 57cm)	M (52 to 57cm)	L (58 to 63cm)	L (58 to 63cm)	M (52 to 57cm)	M (52 to 57cm)	L (58 to 63cm)	L (58 to 63cm)
Sizes	M (52 to 57cm)	M (52 to 57cm)	L (58 to 63cm)	L (58 to 63cm)	M (52 to 57cm)	M (52 to 57cm)	L (58 to 63cm)	L (58 to 63cm)
Retail unit	1	1	1	1	1	1	1	1
Quantity in outer box	6	6	6	6	6	6	6	6

## uvex perfexxion reflex set

- highly reflective sticker set
- easy to affix
- suitable for the uvex perfexxion safety helmet

uvex perfexxion reflex set	
Art. no.	9790.083
Retail unit	1



## uvex pheos IES

IES ensures eyewear is always where it should be.

When combining helmets and safety eyewear, the position of the eyewear is related to that of the helmet shell. If the helmet shifts as a result of sudden movement, this inevitably means the visor moves, which can be dangerous as it changes light conditions.

**IES stands for Integrated Eyewear System and the name says it all:** With this system, uvex pheos safety spectacles can be pushed up inside the uvex pheos helmet or pulled down to sit on the nose. The sliding element can be swiveled, so that the helmet can move, while the eyewear keeps its position.

### Simple to use

The clip system with the integrated spectacle means eyewear can be easily attached and removed for cleaning or replacement.



#### Integrated Eyewear System

The nose piece of uvex pheos safety spectacles is clicked into the mount and locked into the sliding element in the interior of the helmet.

### Increased flexibility

The duo-spherical lenses of the uvex pheos safety spectacles not only ensure a wide field of vision and an optimum fit, but are also available with a range of different tint and coating options to the lenses.

### Increased safety

This unique construction means that forces impacting on the helmet are not transferred to eyewear, ensuring the best possible protection for the wearer.



#### Functionality uvex pheos IES

The spectacles have a set storage spot in the helmet. If safety eyewear is required, it can be pulled down quickly and easily.





# Safety Helmets

uvex pheos IES · uvex pheos B · uvex pheos B-WR



9772. 040



9772. 140



9772. 240



9772. 320



9772. 520



9772. 430



9772. 930

## uvex pheos IES

- safety helmet with slots for uvex visors, earmuffs, lamps and Integrated Eyewear System (IES)
- 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
- suspension harness with wheel ratchet for variable width adjustment – also has the option to mount uvex pheos, uvex pheos or uvex i-works safety spectacles
- six-point textile band attachment ensures optimal fit and comfort

uvex pheos IES					
Art. no.	9772.040	9772.140	9772.240	9772.340	9772.540
Colour	white	yellow	orange	red	blue
Version	with long brim and IES (Integrated Eyewear System)				
Standard	EN 397	EN 397	EN 397	EN 397	EN 397
	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM
Sizes	55 to 61 cm	55 to 61 cm	55 to 61 cm	55 to 61 cm	55 to 61 cm
Retail unit	1	1	1	1	1
Quantity in outer box	25	25	25	25	25


product  
design award

2013

## 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						
Art. no.	9772.020	9772.120	9772.220	9772.320	9772.520	9772.920
Colour	white	yellow	orange	red	blue	black
Version	with long brim	with long brim	with long brim	with long brim	with long brim	with long brim
Standard	EN 397	EN 397	EN 397	EN 397	EN 397	EN 397
	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM
Sizes	51 to 61 cm	51 to 61 cm	51 to 61 cm	51 to 61 cm	51 to 61 cm	51 to 61 cm
Retail unit	1	1	1	1	1	1
Quantity in outer box	25	25	25	25	25	25

uvex pheos B-WR							
Art. no.	9772.030	9772.130	9772.230	9772.330	9772.430	9772.530	9772.930
Colour	white	yellow	orange	red	green	blue	black
Version	with long brim	with long brim	with long brim	with long brim	with long brim	with long brim	with long brim
Standard	EN 397	EN 397	EN 397	EN 397	EN 397	EN 397	EN 397
	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM
Sizes	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm
Retail unit	1	1	1	1	1	1	1
Quantity in outer box	25	25	25	25	25	25	25

# Safety Helmets

uvex pheos B-S-WR · uvex pheos E · uvex pheos E-WR



9772. 332



9772. 832



9772. 932



## uvex pheos B-S-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
- suspension harness with wheel ratchet for variable width adjustment
- shorter brim for a wider field of upward vision
- six-point textile band attachment ensures optimal fit and comfort

uvex pheos B-S-WR						
Art. no.	9772.031	9772.131	9772.332	9772.531	9772.832	9772.932
Colour	white	yellow	red	blue	dark grey	black
Version	with short brim	with short brim	with short brim	with short brim	with short brim	with short brim
Standard	EN 397	EN 397	EN 397	EN 397	EN 397	EN 397
	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM
Sizes	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm
Retail unit	1	1	1	1	1	1
Quantity in outer box	25	25	25	25	25	25



9770. 020



9770. 120



9770. 230



9770. 430



9770. 530

## uvex pheos E · uvex pheos E-WR

- safety helmet with slots for uvex visors, earmuffs and lamps
- side Euroslot adapters (30 mm) for attaching earmuffs
- suitable for use by electricians as helmet shell is fully enclosed
- meets standard EN 397 and additional requirements for very low temperatures (-30 °C) and molten metal (MM) splash and is approved in accordance with EN 50365 (1000 V AC)
- conventional suspension harness for comfortable adjustable fit (uvex pheos E)
- suspension harness with wheel ratchet for variable width adjustment (uvex pheos E-WR)
- six-point textile band attachment ensures optimal fit and comfort

uvex pheos E		
Art. no.	9770.020	9770.120
Colour	white	yellow
Version	with long brim	with long brim
Standard	EN 397	EN 397
	EN 50365 (100 V AC)	EN 50365 (100 V AC)
	-30 °C, MM	-30 °C, MM
Sizes	51 to 61 cm	51 to 61 cm
Retail unit	1	1
Quantity in outer box	25	25

uvex pheos E-WR						
Art. no.	9770.030	9770.130	9770.230	9770.330	9770.430	9770.530
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	EN 397	EN 397	EN 397	EN 397	EN 397
	EN 50365 (100 V AC)	EN 50365 (100 V AC)	EN 50365 (100 V AC)	EN 50365 (100 V AC)	EN 50365 (100 V AC)	EN 50365 (100 V AC)
	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM	-30 °C, MM
Sizes	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm
Retail unit	1	1	1	1	1	1
Quantity in outer box	5	5	5	5	5	5

# Safety Helmets

uvex pheos E-S-WR · uvex 9780 antistatic · uvex 9780 antistatic-WR



## uvex pheos E-S-WR

- safety helmet with slots for uvex visors, earmuffs and lamps
- side Euroslot adapters (30 mm) for attaching earmuffs
- suitable for use by electricians as helmet shell is fully enclosed
- meets standard EN 397 and additional requirements for very low temperatures (-30 °C) and molten metal (MM) splash and is approved in accordance with EN 50365 (1000 V AC)
- suspension harness with wheel ratchet for variable width adjustment
- shorter brim for a wider field of upward vision
- six-point textile band attachment ensures optimal fit and comfort

uvex pheos E-S-WR								
Art. no.	9770.031	9770.131	9770.231	9770.331	9770.431	9770.531	9770.832	9770.931
Colour	white	yellow	orange	red	green	blue	dark grey	black
Version	with short brim	with short brim	with short brim	with short brim	with short brim	with short brim	with short brim	with short brim
Standard	EN 397 EN 50365 (1000 V AC) -30 °C, MM 52 to 61 cm	EN 397 EN 50365 (1000 V AC) -30 °C, MM 52 to 61 cm	EN 397 EN 50365 (1000 V AC) -30 °C, MM 52 to 61 cm	EN 397 EN 50365 (1000 V AC) -30 °C, MM 52 to 61 cm	EN 397 EN 50365 (1000 V AC) -30 °C, MM 52 to 61 cm	EN 397 EN 50365 (1000 V AC) -30 °C, MM 52 to 61 cm	EN 397 EN 50365 (1000 V AC) -30 °C, MM 52 to 61 cm	EN 397 EN 50365 (1000 V AC) -30 °C, MM 52 to 61 cm
Retail unit	1	1	1	1	1	1	1	1
Quantity in outer box	5	5	5	5	5	5	5	5



## uvex 9780 antistatic · uvex 9780 antistatic-WR

- side Euroslot adapters (30 mm) for attaching earmuffs
- meets standard EN 397 and additional requirement for molten metal (MM) splash
- suitable for unrestricted application in accordance with Equipment Groups I and II for use in potentially explosive atmospheres (in accordance with ATEX Directive 94/9/EC)
- three variable air vents for maximum ventilation
- conventional suspension harness for comfortable adjustable fit (uvex 9780 antistatic)
- suspension harness with wheel ratchet for variable width adjustment (uvex 9780 antistatic-WR)
- six-point textile band attachment ensures optimal fit and comfort

	uvex 9780 antistatic	uvex 9780 antistatic-WR	
Art. no.	9780.020	9780.030	9780.550
Colour	white	white	sky blue
Version	with long brim	with long brim	with long brim
Standard	EN 397 ATEX Directive 94/9/EC	EN 397 ATEX Directive 94/9/EC	EN 397 ATEX Directive 94/9/EC
Sizes	51 to 61 cm	52 to 61 cm	52 to 61 cm
Retail unit	1	1	1
Quantity in outer box	25	25	25

# Safety Helmets

uvex pheos alpine



## 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 EN 12492
- chin strap included (art. no. 9790.005) for use in accordance with EN 397
- 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
- delivered as standard with a black PU sweatband (art. no. 9760.009); there is also an option of a light sweatband made of synthetic leather (art. no. 9760.005)



product  
design award

2013

uvex pheos alpine							
Art. no.	9773.050	9773.150	9773.250	9773.350	9773.450	9773.550	9773.950
Colour	white	yellow	orange	red	green	blue	black
Version	with short brim	with short brim	with short brim	with short brim	with short brim	with short brim	with short brim
Standard	EN 397	EN 397	EN 397	EN 397	EN 397	EN 397	EN 397
	EN 12492	EN 12492	EN 12492	EN 12492	EN 12492	EN 12492	EN 12492
	-30 °C	-30 °C	-30 °C	-30 °C	-30 °C	-30 °C	-30 °C
Sizes	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm
Retail unit	1	1	1	1	1	1	1
Quantity in outer box	6	6	6	6	6	6	6



# Safety Helmets

uvex pheos forest · Reflective stripes



9774. 233

## uvex pheos forestry worker set

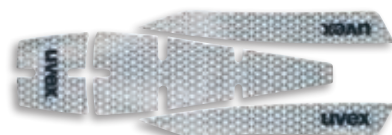
- set specially developed to meet the needs of forestry workers and consisting of the uvex pheos B-WR safety helmet 9772.230, uvex dBex earmuffs complete 3000.165 and metal mesh visor 9790.044
- meets standards EN 166, 1731, 352-1 and 397 and additional requirement for very low temperatures (-30 °C)
- the mesh visor, which can be locked in position, protects the wearer from foreign bodies while maintaining clear vision
- earmuffs complete the safety helmet for all-round protection
- three variable air vents for maximum ventilation
- suspension harness with wheel ratchet for variable width adjustment

### ► Note:

If the set is to be used without hearing protection, additional adapters are required to attach the visor (art. no. 9790.042).

uvex pheos forestry worker set	
Art. no.	9774.233
Version	complete set for forestry work
Standard	EN 397, EN 1731, EN 352-1, EN 166
	-30 °C
Colour	orange
Sizes	52 to 61 cm
Retail unit	1
Quantity in outer box	25

Individual parts of the uvex pheos forestry worker set		
Art. no.		Retail unit
9790.040	Helmet bracket	1 unit
9790.044	Mesh visor (metal) or	1 unit
9790.043	Mesh visor (nylon)	1 unit
3000.165	Earmuffs with helmet attachment uvex dBex 3000H	1 pair
9790.042	Adapter (for attaching without helmet earmuffs)	1 pair



9790. 018


uvex pheos reflex set L  
(select preferred helmet colour)

## uvex pheos reflex set M

- highly reflective sticker set
- extremely high brightness with prism film
- easy to affix
- suitable for all uvex pheos and uvex pheos alpine safety helmets

uvex pheos reflex set M	
Art. no.	9790.018
Retail unit	1

## uvex pheos reflex set L

- safety helmet with highly reflective sticker set
- helmets are delivered with the stickers already applied
- customized helmets cannot be exchanged

uvex pheos reflex set L		
Art. no.	Colour	Version
9772.026	white	uvex pheos B with reflective sticker
9772.126	yellow	uvex pheos B with reflective sticker
9772.226	orange	uvex pheos B with reflective sticker
9772.326	red	uvex pheos B with reflective sticker
9772.526	blue	uvex pheos B with reflective sticker
9772.926	black	uvex pheos B with reflective sticker
9772.035	white	uvex pheos B-WR with reflective sticker
9772.135	yellow	uvex pheos B-WR with reflective sticker
9772.235	orange	uvex pheos B-WR with reflective sticker
9772.535	blue	uvex pheos B-WR with reflective sticker
9772.935	black	uvex pheos B-WR with reflective sticker
9772.038	white	uvex pheos B-S-WR with reflective sticker
9772.137	yellow	uvex pheos B-S-WR with reflective sticker
9772.537	blue	uvex pheos B-S-WR with reflective sticker
9770.026	white	uvex pheos E with reflective sticker
9770.126	yellow	uvex pheos E with reflective sticker
9770.036	white	uvex pheos E-WR with reflective sticker
9770.136	yellow	uvex pheos E-WR with reflective sticker

# Safety Helmets

## uvex pheos visor system



### uvex pheos visor

- polycarbonate visors with uvex supravision excellence coating technology
- available with two alternative mountings: mechanical levers or automatic magnetic locks
- visors 9906.002 and 9906.003 are compatible with the uvex pheos E-S-WR and uvex pheos B-S-WR safety helmets, as well as with the uvex pheos alpine safety helmet for working at heights (the visor adapter art. no. 9790.067 is required for combination with the uvex pheos alpine safety helmet)
- visors uvex pheos SLB 1 and uvex pheos SLB 2 can be combined with the uvex pheos E-S-WR safety helmet
- visor 9906.002 can be combined with earmuffs uvex pheos K2H (mechanical), art. no. 2600.204
- visor 9906.003 can be combined with earmuffs uvex pheos K2H magnet, art.no. 2600.205
- lenses can be changed
- meets standards EN 166 and EN 170, and also certified for areas of application 3 (liquids) and 9 (molten metal and hot solids)
- uvex pheos SLB 1 (art. no. 9906.005 and art. no. 9906.006) visors are certified in accordance with GS-ET 29 as Class 1 visors for protection from electrical arcs (4 kA)
- uvex pheos SLB 2 (art. no. 9906.007 and art. no. 9906.008) visors are certified in accordance with GS-ET 29 as Class 2 visors for protection from electrical arcs (7 kA)

► Helmet not included!

	uvex pheos	uvex pheos magnetic
<b>Art. no.</b>	9906.002	9906.003
<b>Replacement lens</b>	9906.013	9906.013
<b>Version</b>	uvex supravision excellence with mechanical levers	uvex supravision excellence with magnetic levers
<b>Standard</b>	EN 166, EN 170	EN 166, EN 170
<b>Frame</b>	black	black
	W 166 3 8-2 9 B CE 01 96	W 166 3 8-2 9 B CE 01 96
<b>Lens</b>	PC clear	PC clear
	UV 400	UV 400
	2C-1.2 W 1 B 9 KN CE 01 96	2C-1.2 W 1 B 9 KN CE 01 96
<b>Retail unit</b>	1	1

	uvex pheos SLB 1	uvex pheos SLB 1 magnetic
<b>Art. no.</b>	9906.005	9906.006
<b>Replacement lens</b>	9906.012	9906.012
<b>Version</b>	uvex supravision excellence certified as Class 1 visor for protection from electrical arcs, with mechanical levers	uvex supravision excellence certified as Class 1 visor for protection from electrical arcs, with magnetic levers
<b>Standard</b>	EN 166, EN 170	EN 166, EN 170
<b>Frame</b>	black	black
	W 166 3 8-2 9 B CE 01 96	W 166 3 8-2 9 B CE 01 96
<b>Lens</b>	PC clear	PC clear
	UV 400	UV 400
	2C-1.2 W 1 B 8-1-0 9 KN CE 01 96	2C-1.2 W 1 B 8-1-0 9 KN CE 01 96
<b>Retail unit</b>	1	1

	uvex pheos SLB 2	uvex pheos SLB 2 magnetic
<b>Art. no.</b>	9906.007	9906.008
<b>Replacement lens</b>	9906.017	9906.017
<b>Version</b>	uvex supravision excellence certified as Class 2 visor for protection from electrical arcs with mechanical levers and chin protection	uvex supravision excellence certified as Class 2 visor for protection from electrical arcs with magnetic levers and chin protection
<b>Standard</b>	EN 166, EN 170	EN 166, EN 170
<b>Frame</b>	black	black
	W 166 3 8-2 9 B CE 01 96	W 166 3 8-2 9 B CE 01 96
<b>Lens</b>	PC blue	PC blue
	UV 400	UV 400
	2C-1.2 W 1 B 8-2-0 9 KN CE 01 96	2C-1.2 W 1 B 8-2-0 9 KN CE 01 96
<b>Retail unit</b>	1	1

# Safety Helmets

## uvex pheos visor system

### uvex pheos visor system

	Visor adapter	Helmet adapter
<b>Art. no.</b>	9790.067	9790.078
<b>Version</b>	for combination with the uvex pheos alpine safety helmet for working at heights (visor not included)	Helmet adapter for the earmuffs uvex pheos K2H magnet (2600.205)
<b>Retail unit</b>	1	1 pair
	Sunglare filter/rain cover	Microfibre case
<b>Art. no.</b>	9790.074	9954.362
<b>Version</b>	for protection against the sun and rain; cannot be combined with uvex pheos SLB 1 and uvex pheos SLB 2 visors	cloth bag to store and transport uvex visors and uvex helmets, black
<b>Retail unit</b>	1	1



9790.067



9790.074









9790.078



9954.362

### uvex pheos visors in combination with uvex safety helmets

	Art. no.	Visor frame	Visor	Protection	Suitable helmets	Earmuffs
	9906.002	mechanical	polycarbonate, clear	against mechanical influences (e.g. sparks, splinters)	all uvex pheos helmets with short brim	2600.204
	9906.003	magnetic	polycarbonate, clear	against mechanical influences (e.g. sparks, splinters)		2600.205
	9906.005	mechanical	polycarbonate, clear with UV absorber	against electrical arcs up to 4 kA (kiloamperes)	uvex pheos E-S-WR	on request.
	9906.006	magnetic	polycarbonate, clear with UV absorber	against electrical arcs up to 4 kA (kiloamperes)		
	9906.007	mechanical	polycarbonate, blue with UV absorber and chin section	against electrical arcs up to 7 kA (kiloamperes)		
	9906.008	magnetic	polycarbonate, blue with UV absorber and chin section	against electrical arcs up to 7 kA (kiloamperes)		

# Safety Helmets

## uvex Visors



9790.048



9790.047



9924.010



9725.514  
9726.014

### uvex 9790

- robust polycarbonate visor for the uvex industrial safety helmets and earmuffs 2H, uvex 3H and uvex 3200H
- additional adapters (art. no. 9924.010) are required for the helmet and visor combination

► Helmet, helmet bracket and earmuffs are not included.

Lens	
<b>Art. no.</b>	9790.048
<b>Version</b>	uncoated
	Classification 8, against effect of electrical arcs
<b>Standard</b>	EN 166, EN 170
<b>Lens</b>	PC clear, UV 400
	2C-1.2 W 1 A 89 CE
<b>Retail unit</b>	1
Helmet bracket	
<b>Art. no.</b>	9790.047
<b>Frame</b>	black
	EN 166 389 A CE
<b>Retail unit</b>	1
Adapter	
<b>Art. no.</b>	9924.010
<b>Version</b>	Adapter for attaching without earmuffs
<b>Retail unit</b>	1

### uvex 9725 · uvex 9726

- polycarbonate and cellulose acetate visors with specially developed adapters for attaching on the side helmet slots
- easy to change lenses
- not combinable with earmuffs

► Helmet not included!

Visors		
<b>Art. no.</b>	9725.514	9726.014
<b>Replacement lens</b>	9050.517	9723.017
<b>Version</b>	anti-fog on the inside	uncoated
	Material thickness: 1 mm	Material thickness: 1 mm
<b>Standard</b>	EN 166, EN 170	EN 166, EN 170
<b>Frame</b>	black	black
	W 166 3-F DIN CE 0196	W 166 3-B DIN CE 0196
<b>Lens</b>	CA clear, UV 380	PC clear, UV 400
	W 1 FN DIN CE	W 1 B DIN CE
<b>Retail unit</b>	1	1



# Safety Helmets

Face protection · Wide-vision goggles with a helmet bracket



9705. 014



9707. 014



9302. 510



9706. 514



9708. 514



9301. 544

## uvex 9705 · uvex 9706

- cellulose acetate visor with integrated forehead cover
- easy to change lenses
- cannot be combined with safety helmets
- flip-up mechanism with continuous adjustment
- head size can be easily adjusted using a twist lock

## uvex 9707 · uvex 9708

- cellulose acetate visor with integrated forehead cover and additional protective cap made from impact-resistant polystyrene
- easy to change lenses
- flip-up mechanism with continuous adjustment
- head size can be easily adjusted using a twist lock

## uvex goggles with helmet bracket

► Helmet and earmuffs not included!

► Additional adapters are required for attaching the goggles without earmuffs:  
**Art. no.** 9924.010

Visors				
Art. no.	9705.014	9706.514	9707.014	9708.514
Replacement lens	9060.017	9050.517	9060.017	9050.517
Version	uncoated	anti-fog on the inside	uncoated	anti-fog on the inside
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
Frame	black	black	black	black
	W166 3-F DIN CE 0196	W166 3-F DIN CE 0196	W166 3-F DIN CE 0196	W166 3-F DIN CE 0196
Lens	CA clear, UV 380	CA clear, UV 380	CA clear, UV 380	CA clear, UV 380
	W1 F DIN CE	W1 FN DIN CE	W1 F DIN CE	W1 F DIN CE
Retail unit	1	1	1	1

uvex ultrasonic	
Art. no.	9302.510
Version	uvex supervision extreme
	reduced ventilation
Standard	EN 166, EN 170
Frame	blue, grey
	W166 349 B CE
Lens	PC clear, UV 400
	2-1.2 W1 B9 KN DIN CE
Retail unit	4

uvex ultravision	
Art. no.	9301.544
Version	anti-fog
Standard	EN 166, EN 170
Frame	transparent grey
	W166 34 F CE
Lens	CA clear, UV 380
	2-1.2 W1 FN DIN CE
Retail unit	1

# Safety Helmets

## Accessories



9772. 001



9760. 007



9760. 012



9760. 011



9760. 009



9760. 014



9760. 000



9760. 001



9780. 001



9760. 005

### Accessories for uvex pheos IES

	Suspension harness IES for uvex pheos	Sweatband for IES suspension harness
<b>Art. no.</b>	9772.001	9760.007
<b>Version</b>	plastic suspension harness with uvex pheos mount	textile/foam material
<b>Retail unit</b>	1	1
<b>Quantity in outer box</b>	10	10

### Accessories for uvex pheos E-WR and uvex pheos alpine

	Suspension harness for uvex pheos E-WR	Suspension harness for uvex pheos alpine
<b>Art. no.</b>	9760.012	9760.011
<b>Version</b>	six-point textile strap with sweatband	six-point textile strap with sweatband
<b>Retail unit</b>	1	1
<b>Quantity in outer box</b>	10	10

	Sweatband for uvex pheos alpine and uvex pheos E-WR	Wheel ratchet padding
<b>Art. no.</b>	9760.009	9760.014
<b>Version</b>	PU, leather	polyester
<b>Retail unit</b>	1	10
<b>Quantity in outer box</b>	10	10

### Accessories for uvex pheos and uvex 9780 antistatic

	Suspension harness for uvex pheos with conventional equipment	Suspension harness for uvex pheos with wheel ratchet (not for uvex pheos E-WR)
<b>Art. no.</b>	9760.000	9760.001
<b>Version</b>	six-point textile strap with sweatband	
<b>Retail unit</b>	1	1
<b>Quantity in outer box</b>	10	10

	Suspension harness for uvex 9780 antistatic with wheel ratchet	Sweatband for uvex pheos, uvex pheos alpine, uvex 9780 antistatic
<b>Art. no.</b>	9780.001	9760.005
<b>Version</b>	six-point textile strap with sweatband	synthetic leather
<b>Retail unit</b>	1	1
<b>Quantity in outer box</b>	10	10

# Safety Helmets

## Accessories

### Accessories for uvex pheos, uvex pheos alpine and uvex 9780 antistatic

	Leather chin straps for uvex pheos (not for pheos IES and pheos E), uvex pheos alpine
Art. no.	9790.005
Version	robust leather version with plastic eyelets, length can be adjusted
Retail unit	10
Quantity in outer box	10

	Leather chin strap for uvex pheos IES and uvex 9780 antistatic
Art. no.	9790.035
Version	robust leather version with plastic eyelets, length can be adjusted
Retail unit	10
Quantity in outer box	10

	Forked chin straps for uvex pheos (not for uvex pheos alpine) and uvex 9780 antistatisch
Art. no.	9790.021
Version	plastic
Retail unit	1
Quantity in outer box	10

	IES mount with sliding element for uvex pheos IES	Penholder for uvex pheos
Art. no.	9772.002	9790.023
Version	plastic	plastic
Retail unit	10	1
Quantity in outer box	10	10

	IES mount with sliding element uvex i-works for uvex pheos IES
Art. no.	9790.085
Version	plastic
Retail unit	1
Quantity in outer box	10

	Goggles clip for uvex pheos/ chin strap clip for uvex pheos alpine
Art. no.	9790.022
Version	plastic
Retail unit	1
Quantity in outer box	10

	uvex helmet bag for storing and transporting the uvex safety helmet	Helmslot-Verschlussstopfenset
Art. no.	9790.071	9790.077
Version	nylon	plastic
Retail unit	1	1
Quantity in outer box	–	50



# Safety Helmets

## Accessories: Head torchs

- All uvex LED head torches fit into the front slot of the uvex pheos, uvex pheos alpine, uvex 9780 antistatic and uvex perffexxion helmets.



9790. 062  
9790. 063

### LED head torch pheos Lights · pheos Lights EX

- LED helmet torch with two separate reflectors for distance and area lighting
- compact design, developed for the uvex pheos visor system
- four different operating modes
- power source: 1.7 Ah-Li-Ion battery
- luminous flux: up to max. 115 lumen
- luminous flux: up to min. 55 lumen
- light duration: 25 hours
- operating temperature: -20 °C to + 60 °C
- charge adapter and micro-USB charger included
- 9790.063: ATEX certification II 2G Ex ib IIC T4
- protection class IP 67 (dust-tight and waterproof)

	LED head torch pheos Lights	LED head torch pheos Lights EX
<b>Art. no.</b>	9790.062	9790.063
	for uvex pheos and uvex perffexxion helmets	for uvex pheos helmets – ATEX
<b>Retail unit</b>	1	1



9790. 029



### LED head torch KS-6001-DUO

- LED head torch with two switching steps
- power source: lithium battery, charge time < 7 hrs
- luminous flux: up to max. 55 lumen
- luminous intensity: emergency light > 200 lux, normal light > 1400 lux
- light duration: emergency light > 80 hrs, normal light > 11 hrs
- operating temperature: -20 °C to +60 °C
- charger included
- protection class IP67 (watertight up to 1 m deep)

	LED head torch KS-6001-DUO
<b>Art. no.</b>	9790.029
<b>Version</b>	for uvex pheos, uvex pheos alpine, uvex 9780 antistatic and uvex perffexxion helmets
<b>Retail unit</b>	1 unit



9790. 064



### LED head torch u-cap sport

- LED head torch with two separate reflectors for distance and area lighting
- power source: 3 x AAA batteries (not included)
- luminous flux: up to max. 100 lumen
- luminous range: 3 to 80 m (depending on the light mode used)
- light duration: 30 to 150 hrs (depending on the light mode used)
- operating temperature: -20 °C to +45 °C
- simple attachment to the uvex u-cap sport impact cap with magnet adapter
- impact cap adapter and headband are included
- protection class IP 66 (complete protection against dust and powerful water jets)

	LED head torch uvex u-cap sport
<b>Art. no.</b>	9790.064
<b>Version</b>	for uvex u-cap sport
<b>Retail unit</b>	1



9790. 069

### uvex pheos helmet adapter

- Adapter for the LED head torch u-cap sport for combining with the uvex pheos, uvex pheos alpine and uvex perffexxion helmets

	uvex pheos helmet adapter
<b>Art. no.</b>	9790.069
<b>Version</b>	for LED head torch uvex u-cap sport for combining with the uvex pheos, uvex pheos alpine and uvex perffexxion helmets
<b>Retail unit</b>	1



# Safety Helmets

uvex pheos

	uvex pheos B	uvex pheos B-WR	uvex pheos B-S-WR	uvex pheos E	uvex pheos E-WR	uvex pheos E-S-WR	uvex pheos IES	uvex 9780 antistatisch	uvex pheos alpine
9760.000 Conventional suspension harness	■	■	■	■	■	■	■	-	-
9760.001 Suspension harness with rotating size adjusters	■	■	■	-	-	-	■	-	-
9760.011 Suspension harness for pheos alpine	-	-	-	-	-	-	-	-	■
9760.012 Suspension harness for uvex pheos E-WR	■	■	■	■	■	■	■	-	-
9772.001 Suspension harness IES	■	■	■	-	-	-	■	-	-
9780.001 Suspension harness with rotating size adjusters	■	■	■	-	-	-	■	■	-
9760.009 Sweatband uvex pheos alpine and uvex pheos E-WR	■	■	■	■	■	■	■	■	-
9760.007 Sweatband IES	-	-	-	-	-	-	■	-	-
9760.005 Sweatband, synthetic leather	■	■	■	■	■	■	-	■	-
9790.035 Leather chin straps IES	■	■	■	-	-	-	■	-	-
9790.005 Leather chin straps	■	■	■	-	-	-	-	-	■
9790.021 Forked chin straps	■	■	■	■	■	■	■	■	-
9790.023 Pen holder	■	■	■	■	■	■	■	-	-
9772.002 Mount	-	-	-	-	-	-	■	-	-
9790.022 Goggles clip, chin strap clip	■	■	■	■	■	■	■	-	■
9790.065 Winter cap, hi-viz yellow	■	■	■	■	■	■	■	-	■
9790.066 Balaclava	■	■	■	■	■	■	■	-	■
9790.068 Winter cap, hi-viz orange	■	■	■	■	■	■	■	-	■
9790.075 Neck protection, orange	■	■	■	■	■	■	■	-	■
9790.076 Neck protection, yellow	■	■	■	■	■	■	■	-	■
9790.086 uvex cooling neck protection	■	■	■	■	■	■	■	-	■
9906.002 uvex pheos visor	-	-	■	-	-	■	-	-	■
9906.003 uvex pheos visor SLB1	-	-	-	-	-	■	-	-	-
9906.005 uvex pheos visor SLB2	-	-	-	-	-	■	-	-	-
9906.007 uvex pheos visor SLB2	-	-	-	-	-	■	-	-	-
2600.201 uvex K1 H	■	■	■	-	-	-	■	-	■
2600.202 uvex K2 H	■	■	■	-	-	-	■	-	■
9790.062 LED head torch pheos Lights	■	■	■	-	-	-	■	-	■
9790.063 LED head torch pheos Lights EX	■	■	■	-	-	-	■	■	■
9790.029 LED head torch KS-6001 Duo	■	■	■	-	-	-	■	-	■
9790.064 LED head torch u-cap sport	■	■	■	-	-	-	■	-	■
9790.069 uvex pheos helmet adapter	■	■	■	■	■	■	■	-	■

■ supplied as standard

■ compatible

- not compatible

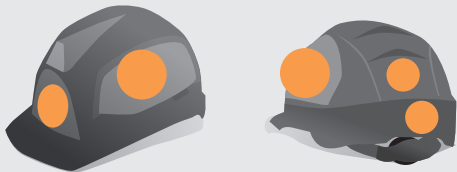
# Safety helmets to match your corporate identity

## Individual safety helmets

uvex gives you the option to customise all uvex helmets and bump caps so that your employees' equipment matches your corporate identity specifications.

Please contact the uvex service centre with your requests at any time.

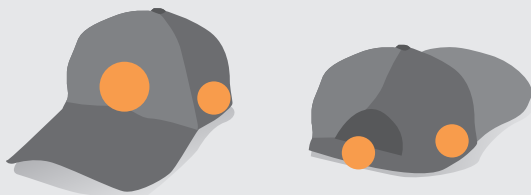
**Tel. +49 911 9736-0 • Email: [serviceteam@uvex.de](mailto:serviceteam@uvex.de)**



**Pad printing on the helmet**

(1 to 5 colours)

Printable areas based on uvex pheos.



**Embroidery**

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

Customisation on the helmet	uvex pheos, uvex airwing, uvex superboss, uvex thermoboss	uvex pheos alpine
Special colour	from 300 units with supplemental charge from 600 units no additional cost	from 600 units no additional cost
new variant:		
– existing colour as a variant, electrician or chemist	from 300 units	
– existing colour with shortened brim	from 100 units	
– existing helmet, other interior, with chin strap	from 25 units	
Finish: Printed, sticker, reflex set	from 25 units reorder quantity: 25 units	

Customisation of bump caps	
Special colour	from 1,000 units
new variant:	
– with existing colour	from 600 units
Finish: Embroidered, printed	from 25 units

Please note the following conditions:

- minimum order value 25 caps
- reorder quantity: 25 units
- number of colours to be embroidered: up to 14
- textile cap in special colour: from 1000 units
- vector file (.eps, .ai) and image file (.jpg, .pdf) required as template

# How individual can you be?

We will be happy to advise you on the technical options for customising our safety helmets.

# uvex u-cap sport

Guaranteed head protection with a sporty design

Reliable protection that looks good: uvex u-cap sport is an innovative baseball bump cap in accordance with Norm EN 812. The ergonomically shaped hard shell with integrated shock-absorbing elements ensures safety and optimal comfort. To give your team a uniform appearance, this model is also available as a standard baseball cap for employees working in environments where head protection is not compulsory.



## Integrated shock-absorbing elements with honeycomb structure

The specially developed honeycomb structure of the cap with integrated shock-absorbing elements ensures complete protection in accordance with EN 812.



## Armadillo design gives flexibility

The armadillo design of the uvex u-cap sport provides additional flexibility and ergonomically adapts to different head shapes and sizes. The extended cut-out near the ear makes it easier to wear earmuffs.



## Continuously adjustable

The uvex u-cap sport can be quickly and easily fitted to the head using the adjustable velcro fastening.



## Magnetic head torch

- Simple to use: magnetic fixing enables easy attachment and removal from u-cap sport
- The beam can be directed in multiple directions through a moving joint, ensuring optimal illumination
- Switch between various beam types

## uvex u-cap sport

A wide range for many applications



9794.400  
9794.401  
9794.402



9794.443  
9794.423  
9794.425



9794.409  
9794.403  
9794.404



9794.110



9794.111



9794.415



### uvex u-cap sport

uvex u-cap sport						
Art. no.	9794.409	9794.403	9794.404	9794.442	9794.422	9794.424
Version	with short brim			with short brim and mesh webbing suspension harness		
Standard	EN 812	EN 812	EN 812	EN 812	EN 812	EN 812
Colour	black	black	black	black	black	black
Sizes	52 to 54 cm	55 to 59 cm	60 to 63 cm	52 to 54 cm	55 to 59 cm	60 to 63 cm
Retail unit	1	1	1	1	1	1
Quantity in outer box	60	60	60	60	60	60

Art. no.	9794.400	9794.401	9794.402	9794.443	9794.423	9794.425
Version	with long brim			with long brim and mesh webbing suspension harness		
Standard	EN 812	EN 812	EN 812	EN 812	EN 812	EN 812
Colour	black	black	black	black	black	black
Sizes	52 to 54 cm	55 to 59 cm	60 to 63 cm	52 to 54 cm	55 to 59 cm	60 to 63 cm
Retail unit	1	1	1	1	1	1
Quantity in outer box	60	60	60	60	60	60

### uvex u-cap sport suspension harness

uvex u-cap sport suspension harness	
Art. no.	9794.415
Version	soft, comfortable mesh webbing suspension harness increased wearer comfort in uvex u-cap sport bump caps
Standard	EN 812
Colour	black
Sizes	unisize
Retail unit	1
Quantity in outer box	60

### Baseball cap

Baseball cap		
Art. no.	9794.110	9794.111
Version	with long brim without hard shell element	with short brim without hard shell element
Colour	black	black
Sizes	55 to 63 cm	55 to 63 cm
Retail unit	1	1
Quantity in outer box	60	60





9794. 407  
9794. 408



9794. 430 9794. 444  
9794. 420 9794. 416  
9794. 421 9794. 417



9794. 480  
9794. 481  
9794. 482



9794. 490  
9794. 491  
9794. 492



## uvex u-cap sport

uvex u-cap sport		
Art. no.	9794.407	9794.408
Version	with long brim	
Standard	EN 812	EN 812
Colour	navy blue	navy blue
Sizes	55 to 59 cm	60 to 63 cm
Retail unit	1	1
Quantity in outer box	60	60

## uvex u-cap sport vent

uvex u-cap sport vent			
Art. no.	9794.430	9794.420	9794.421
Version	with short brim and mesh webbing		
Standard	EN 812	EN 812	EN 812
Colour	black	black	black
Sizes	52 to 54 cm	55 to 59 cm	60 to 63 cm
Retail unit	1	1	1
Quantity in outer box	60	60	60

Art. no.	9794.444	9794.416	9794.417
Version	with short brim, mesh webbing and mesh webbing interior for improved ventilation		
Standard	EN 812	EN 812	EN 812
Colour	black	black	black
Sizes	52 to 54 cm	55 to 59 cm	60 to 63 cm
Retail unit	1	1	1
Quantity in outer box	60	60	60

## uvex u-cap sport hi-viz

uvex u-cap sport hi-viz						
Art. no.	9794.482	9794.480	9794.481	9794.492	9794.490	9794.491
Version	with short brim and textile components in signal colours, in accordance with the requirements of EN 471 – offering greater visibility and safety for the user					
Standard	EN 812	EN 812	EN 812	EN 812	EN 812	EN 812
Colour	hi-viz yellow	hi-viz yellow	hi-viz yellow	hi-viz orange	hi-viz orange	hi-viz orange
Sizes	52 to 54 cm	55 to 59 cm	60 to 63 cm	52 to 54 cm	55 to 59 cm	60 to 63 cm
Retail unit	1	1	1	1	1	1
Quantity in outer box	60	60	60	60	60	60

## uvex u-cap

uvex u-cap premium · uvex u-cap basic



### uvex u-cap premium · uvex u-cap basic · uvex u-cap hi-viz

- 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 EN 471, 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	9794.310	9794.311
Version	with long brim	with short brim	with long brim	with short brim
Standard	EN 812	EN 812	EN 812	EN 812
Colour	anthracite	anthracite	anthracite	anthracite
Sizes	unisize	unisize	unisize	unisize
Retail unit	1	1	1	1
Quantity in outer box	25	25	25	25

uvex u-cap basic		uvex u-cap hi-viz	
Art. no.	9794.200	9794.800	9794.900
Version	with long brim and foam pad inlay	with long brim and textile components in signal colours, meeting the requirements on EN 471	
Standard	EN 812	EN 812, EN 471	
Colour	anthracite	hi-viz yellow	hi-viz orange
Sizes	unisize	unisize	unisize
Retail unit	1	1	1
Quantity in outer box	25	25	25

► **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.**

# Safety Helmets

## Overview

Art. no.	Name	Description	Colour	Page
3000.165		Helmet bracket		
9050.517		Replacement lens, CA, non-fogging	clear	100 / 102
9060.017		Replacement lens, CA	clear	101
9301.544	uvex ultravision	Wide-vision goggles with helmet bracket, grey		101
9302.510	uvex ultrasonic	Wide-vision goggles with helmet bracket, blue, grey		101
9705.014		Cellulose acetate protective visor	clear	101
9706.514		Antifog cellulose acetate protective visor, clear		101
9707.014		Cellulose acetate protective visor	clear	101
9708.514		Antifog cellulose acetate protective visor, clear		101
9720.020	uvex perfixxion	Safety helmet	white	91
9720.030	uvex perfixxion	Safety helmet	white	91
9720.120	uvex perfixxion	Safety helmet	yellow	91
9720.130	uvex perfixxion	Safety helmet	yellow	91
9720.220	uvex perfixxion	Safety helmet	orange	91
9720.230	uvex perfixxion	Safety helmet	orange	91
9720.920	uvex perfixxion	Safety helmet	black	91
9720.930	uvex perfixxion	Safety helmet	black	91
9723.017		Replacement lens, PC	clear	91
9725.514		Antifog cellulose acetate visor	clear	91
9726.014		Polycarbonate visor	clear	91
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9760.007	Accessories	Sweatband, textile/foam material		102
9760.009	Accessories	Sweatband, PU/leather		102
9760.011	uvex pheos alpine	Suspension harness		102
9760.012	uvex pheos E-WR	Suspension harness		102
9770.026	uvex pheos E	Safety helmet with reflective sticker	white	97
9770.030	uvex pheos E-WR	Safety helmet	white	94
9770.031	uvex pheos E-S-WR	Safety helmet	white	95
9770.036	uvex pheos E-WR	Safety helmet with reflective sticker	white	97
9770.120	uvex pheos E	Safety helmet	yellow	94
9770.126	uvex pheos E	Safety helmet with reflective sticker	yellow	99
9770.130	uvex pheos E-WR	Safety helmet	yellow	94
9770.131	uvex pheos E-S-WR	Safety helmet	yellow	95
9770.136	uvex pheos E-WR	Safety helmet with reflective sticker	yellow	97
9770.230	uvex pheos E-WR	Safety helmet	orange	94
9770.231	uvex pheos E-S-WR	Safety helmet	orange	95
9770.330	uvex pheos E-WR	Safety helmet	red	94
9770.331	uvex pheos E-S-WR	Safety helmet	red	95
9770.430	uvex pheos E-WR	Safety helmet	green	94
9770.431	uvex pheos E-S-WR	Safety helmet	green	95
9770.530	uvex pheos E-WR	Safety helmet	blue	94
9770.531	uvex pheos E-S-WR	Safety helmet	blue	95
9770.832	uvex pheos E-S-WR	Safety helmet	dark grey	95
9770.931	uvex pheos E-S-WR	Safety helmet	black	95
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9772.020	uvex pheos B	Safety helmet	white	93
9772.026	uvex pheos B	Safety helmet with reflective sticker	white	97
9772.030	uvex pheos B-WR	Safety helmet	white	93
9772.031	uvex pheos B-S-WR	Safety helmet	white	94
9772.035	uvex pheos B-WR	Safety helmet with reflective sticker	white	97
9772.038	uvex pheos B-S-WR	Safety helmet with reflective sticker	white	97
9772.040	uvex pheos IES	Safety helmet	white	93
9772.120	uvex pheos B	Safety helmet	yellow	93
9772.126	uvex pheos B	Safety helmet with reflective sticker	yellow	97

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9772.131	uvex pheos B-S-WR	Safety helmet	yellow	94
9772.137	uvex pheos B-S-WR	Safety helmet with reflective sticker	yellow	97
9772.138	uvex pheos B-WR	Safety helmet with reflective sticker	yellow	97
9772.140	uvex pheos IES	Safety helmet	yellow	93
9772.220	uvex pheos B	Safety helmet	orange	93
9772.226	uvex pheos B	Safety helmet with reflective sticker	orange	97
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9772.240	uvex pheos IES	Safety helmet	orange	93
9772.320	uvex pheos B	Safety helmet	red	93
9772.326	uvex pheos B	Safety helmet with reflective sticker	red	97
9772.330	uvex pheos B-WR	Safety helmet	red	93
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9772.340	uvex pheos IES	Safety helmet	red	93
9772.430	uvex pheos B-WR	Safety helmet	green	93
9772.520	uvex pheos B	Safety helmet	blue	93
9772.526	uvex pheos B	Safety helmet with reflective sticker	red	97
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9772.531	uvex pheos B-S-WR	Safety helmet	blue	94
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9772.538	uvex pheos B-WR	Safety helmet with reflective sticker	blue	97
9772.540	uvex pheos IES	Safety helmet	blue	93
9772.832	uvex pheos B-S-WR	Safety helmet	dark grey	94
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9772.926	uvex pheos B	Safety helmet with reflective sticker	black	97
9772.930	uvex pheos B-WR	Safety helmet	black	93
9772.932	uvex pheos B-S-WR	Safety helmet	black	94
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9790.018	uvex pheos reflex set M	Reflective set		97
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# Safety Helmets

## Overview

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9906.013		Replacement lens	clear	98

Art. no.	Name	Description	Colour	Page
9906.017		Replacement lens	blue	98
9924.010	Accessories	Adapter	black	100
9954.362	Accessories	Cloth bag for uvex visors	black	99





Breathing Protection

**uvex**

**uvex i-gonomics**

**Innovative breathing 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 patented breathing protection valve enables easy, more natural breathing – for improved wearer acceptance and greater safety.

# uvex v-ionics 5219 FFP2



**Measurably enhanced wearer comfort – thanks to patented valve**

The dimensionally stable uvex v-ionics 5210 FFP2 respirator enables particularly natural breathing with less accumulation of heat and moisture under the mask. This is guaranteed by the bionic structure of the ultra thin and flexible membrane – for noticeably enhanced wearer comfort with every use.

## Relief-Index

# 4.53

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 4.7

**Lightweight feel, greater wearer acceptance**

- Test method:  
Absorption of moisture during breathing (EN 149)
- Test result:  
Weight increase = 0.550 g



## force 4.6

**Light and more natural breathing**

- Test method:  
Exhalation resistance according to EN 149
- Test result:  
Exhalation resistance = 0.7 mbar



## clima 4.3

**Less accumulation of heat and moisture**

- Test method:  
Breathing with artificial lung (EN149)
- Test result:  
Temperature inside the mask = 32°C





## uvex v-ionics

Respiratory protection inspired by nature



The patented uvex v-ionics breathing protection valve with bionic structure makes breathing noticeably easier and more natural – for maximum wearer comfort and maximum safety in the workplace.

**Optimum fit**  
with seamless, wide headband

**Hygienic and space-saving individual packaging**

**Perfect seal**  
with extra-soft sealing lips in the nose and chin areas (only in nose area for FFP2)

**Reduced heat build-up**  
Reduced breathing resistance thanks to ultra-thin and flexible membrane

	uvex v-ionics 5219
<b>Art. no.</b>	8765.219
<b>Version</b>	FFP2 NR D folding mask with valve
<b>Colour</b>	white
<b>Retail unit</b>	15 units, individually packaged



# The uvex breathing protection navigator

## The fast route to finding the right respirator for your needs

Choosing the right respiratory protective devices is essential for ensuring the safety of the respective wearer and is a process that requires the utmost care. In order to choose the filtering respirator that meets your requirements, please observe the following points:



- The type, composition and concentration of the respective hazardous substances must be provided and known (note the CAS number). The measurement can be carried out by the employers' liability insurance association, for example. In addition, the respective work conditions with due regard to occupational exposure limit values must be known.
- There must be a sufficient volume of oxygen in the environment.
- If further PPE is required, this must be compatible. uvex respirators are particularly ideal for use in combination with uvex safety spectacles (page 119).
- Respiratory protective devices are not suitable for persons with beards, sideburns or deep scars in the area of the respirator sealing lines.
- Masks designated with "NR" can be used for up to eight hours. Masks designated with "R" may be used for up to 24 hours but must be cleaned after each period of use. As a general rule, a mask with a noticeably increasing level of breathing resistance must be replaced.
- After determining/being advised on the protection class required (FFP1, FFP2/N95 or FFP3) – through the respective employers' liability insurance association, for example – the following table can be used to select a respirator model that meets the requirements of the respective work conditions. Please note that we only offer our FFP3 masks with an exhalation valve in order to give you the highest possible level of wearer comfort.



If a gas mask is required for the workspace, please note that the uvex respirator models do not offer adequate protection.

## Selection

Brief periods of use or lighter activities at normal ambient temperatures		
Protection class	Folding mask (with or without valve)	Cup-style mask (without or without valve)
FFP1	3100, 3110, 5100, 5110	2100, 2110
FFP2/N95	3200, 3210, 5200, 5210	2200, 2210
FFP3	3310, 8313, 5310	2310, 2312
Long periods of wear or hard, strenuous activities at increased ambient temperatures		
Protection class	Folding mask (with valve)	Cup-style mask (with valve)
FFP1	3110, 5110	2110
FFP2/N95	3210, 5210	2210
FFP3	3310, 5320	2310, 2312
With activated carbon layer to protect against unpleasant odours		
Protection class	Folding mask (with valve)	Cup-style mask (with valve)
FFP1	–	–
FFP2/N95	3220, 5220	2220
FFP3	5320	

► The minimum requirements for selected areas of application can be found on page 119.

## Perfect Match

Protection from a single source



For many years, has been a global leader in industrial safety eyewear. uvex has built on this expertise in the development of its highly functional uvex silv-Air respirators.

With the aim of creating two products that can be worn together perfectly, eyewear and breathing protection product development was carried out in close consultation. Safety eyewear and breathing protection were regarded as one, uniting to provide the best possible protection.

The result of this combined expertise is the three dimensional shape of uvex silv-Air respirators. They ensure an optimum, close fit of safety eyewear, without slipping and wobbling. As the equipment remains firmly in place, optimum eye protection is guaranteed. uvex preformed and folding masks are therefore particularly suitable for combination with uvex safety eyewear.

Trust protection from a single source.



Three dimensional optimised nose shape for optimum combination of respirator with safety eyewear.

# Combination options of uvex silv-Air respirators with uvex safety eyewear

	Page	Folding masks FFP 1, FFP 2, FFP 3	Folding masks FFP 1, FFP 2, FFP 3	Folding masks FFP 1, FFP 2, FFP 3
uvex silv-Air c	147 – 150	3100, 3110, 3200, 3210, 3220, 3310	2310, 2312	2100, 2110, 2200, 2210, 2220
uvex silv-Air premium	137 – 138			
uvex i-3	28	■	□	■
uvex pheos uvex sportstyle	32/33 25	■	■	■
uvex x-fit	23	■	□	■
uvex i-vo	36	■	■	■
uvex i-works	30	■	□	■
uvex pheos cx2	27	■	□	■
uvex pheos cx2 goggle	47	■	■	■
uvex super OTG uvex super f OTG	44 45	■	■	■
uvex astrospec 2.0 uvex skyguard NT	31 41	■	■	■
uvex carbonvision uvex u-sonic	52 48	■	□	■
uvex ultrasonic uvex ultravision	49 50	■	■	■

■ Perfect combination

□ Suitable to a limited extent



## uvex silv-Air

### Areas of application



Activity	Harmful substances	Protection class		
		FFP1	FFP2 / N95	FFP3
Wood processing				
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			■
Construction and ancillary building industry				
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		■	
Welding				
Welding aluminium and stainless steel	Metal and aluminium oxide fumes			■
Brazing	Fumes			■
Metalwork				
Metal: drilling, grinding, milling, angle grinding	Metal dust		■	
High-alloy steels and stainless steels: drilling, grinding, milling, angle grinding	Metal dust			■
Waste disposal and cleaning				
Refuse separation and disposal	Dust, fungi		■	
Medical waste disposal	Bacteria, spores			■
Sweeping floors	Dust (non-toxic)	■		
Radioactively contaminated particles	Dust			■
Agriculture				
Animal epidemics and treatment of animals with diseases	Bacteria, viruses			■
Work with fungal spores	Spores			■
Work with hay, grain and flour	Dust	■		
Medicine/care/health				
Allergies, pollen, household dust, animal fur	Dust, particles, spores		■	
Bacteria, viruses, infections, legionella bacteria	Bacteria, viruses			■

► These filter classes are minimum requirements and simply serve as a guide. It is the wearers' responsibility to make sure the breathing apparatus conforms to the requirements in terms of hazardous materials and concentration before use!

#### Particle filters are divided into three classes:

##### FFP1

For particles that are neither toxic nor associated with fibrosis. For protection up to 4 times the corresponding threshold limit value (MAK\*).

##### FFP2 / N95

For hazardous or harmful particles, vapour and smoke; filters for solid and liquid particles with a medium filtering level. For protection up to 10 times the corresponding threshold value (MAK\*, TRK\*\*).

##### FFP3

For poisonous particles, vapour and smoke; filters for solid and liquid aerosols with a high filtering classification. For protection up to 30 times the corresponding threshold limit value (MAK\*, TRK\*\*).

\* MAK = maximum concentration at the workplace: MAK values are determined by the German Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area.








\*\* TRK = technical reference concentration: the concentration of a hazardous material that can be contained by the latest technology. TRK values are applied to carcinogenic materials for which there is no MAK value available. A health risk cannot be completely ruled out.





# uvex silv-Air premium

## Respirators

uvex silv-Air premium		
FFP 1	FFP 2	FFP 3
flat fold	flat fold	flat fold
		
5100 NR D	5200 NR D	
		
5110 NR D	5210 NR D	5310 NR D
		
	5220 NR D with carbone	5320 NR D with carbone
<b>FFP 1</b>	<b>FFP 2</b>	<b>FFP 3</b>
All FFP 1 respirators provide reliable protection against harmful substances up to <b>4 times</b> the threshold limit value (OELs*) and are available with or without a valve.	All FFP 2 respirators provide reliable protection against harmful substances up to <b>10 times</b> the threshold limit value (OELs*) and are available with or without a valve.	All FFP 3 respirators provide reliable protection against harmful substances up to <b>30 times</b> the threshold limit value (OELs*) and are only available with a valve.

uvex respirators are suitable for protection against solid and liquid aerosols, dust particles, fog and smoke. They do not provide an adequate level of protection against gases and vapours exceeding the limit value.

All respirators have been tested and certified in accordance with European standard 149 "Respiratory protective devices – filtering half masks for protection against particles". They are in line with current EU legislation. Depending on the filter performance and leakages, the respirators are categorised into protection classes P1 (blue), P2 (orange) or P3 (black). All respiratory protective devices fall into PPE category III (high risks).

\* OELs = The occupational exposure limit values (OELs) are the average concentration of a substance in the air in the workplace, up to which no damage (chronic or acute) is to be expected if employees work there for eight hours a day for five days a week. The OELs replace the maximum workplace concentration (MWC) and the technical reference concentration (TRC) – however, as long as both of these values are not yet fully taken into account in the OELs, they can still be used on an interim basis for assessing risks in the workplace.

## uvex silv-Air premium

Respirators in protection class FFP1, FFP2 and FFP3



8765. 100



8765. 110

### uvex silv-Air 5100

- particle-filtering folding mask
- wide, seamless headband for ensuring a comfortable and secure fit
- incorporated nose clip that is easy to adjust
- comfortable sealing lip in the nose area for a reliable fit

### uvex silv-Air 5110

- particle-filtering folding mask with exhalation valve
- wide, seamless headband for ensuring a comfortable and secure fit
- comfortable sealing lip in the nose area for a reliable fit
- incorporated nose clip that is easy to adjust
- exhalation valve for reducing heat and humidity as well as noticeably reducing breathing resistance

uvex silv-Air 5100		uvex silv-Air 5110	
Art. no.	8765.100	Art. no.	8765.110
Version	FFP1 NR D folding mask without valve	Version	FFP1 NR D folding mask with valve
Colour	white	Colour	white
Retail unit	30 units, individually packaged	Retail unit	15 units, individually packaged



8765. 200



8765. 210



8765. 220

### uvex silv-Air 5200

- particle-filtering folding mask
- wide, seamless headband for ensuring a comfortable and secure fit
- incorporated nose clip that is easy to adjust
- comfortable sealing lip in the nose area for a reliable fit

### uvex silv-Air 5210

- particle-filtering folding mask with exhalation valve
- wide, seamless headband for ensuring a comfortable and secure fit
- comfortable sealing lip in the nose area for a reliable fit
- incorporated nose clip that is easy to adjust
- exhalation valve for reducing heat and humidity as well as noticeably reducing breathing resistance

### uvex silv-Air 5220

- particle-filtering folding mask with exhalation valve
- wide, seamless headband for ensuring a comfortable and secure fit
- additional activated carbon filter for protection against odours, gases and vapours under the respective limit values
- comfortable sealing lip in the nose area for a reliable fit
- incorporated nose clip that is easy to adjust
- exhalation valve for reducing heat and humidity as well as noticeably reducing breathing resistance

uvex silv-Air 5200		uvex silv-Air 5210		uvex silv-Air 5220	
Art. no.	8765.200	Art. no.	8765.210	Art. no.	8765.220
Version	FFP2 NR D folding mask without valve	Version	FFP2 NR D folding mask with valve	Version	FFP2 NR D folding mask with valve and carbon
Colour	white	Colour	white	Colour	white
Retail unit	30 units, individually packaged	Retail unit	15 units, individually packaged	Retail unit	15 units, individually packaged

## uvex silv-Air premium

Respirators in protection class FFP3



8765. 310



8765. 320



### uvex silv-Air 5310

- particle-filtering folding mask with exhalation valve
- wide, seamless headband for ensuring a comfortable and secure fit
- comfortable sealing lip in the nose and chin area for a reliable fit
- incorporated nose clip that is easy to adjust
- exhalation valve for reducing heat and humidity as well as noticeably reducing breathing resistance

### uvex silv-Air 5320

- particle-filtering folding mask with exhalation valve
- wide, seamless headband for ensuring a comfortable and secure fit
- additional activated carbon filter for protection against odours, gases and vapours under the respective limit values
- comfortable sealing lip in the nose and chin area for a reliable fit
- incorporated nose clip that is easy to adjust
- exhalation valve for reducing heat and humidity as well as noticeably reducing breathing resistance

uvex silv-Air 5310		uvex silv-Air 5320	
<b>Art. no.</b>	8765.310	<b>Art. no.</b>	8765.320
<b>Ausführung</b>	FFP3 NR D folding mask with valve	<b>Ausführung</b>	FFP3 NR D folding mask with valve and carbon
<b>Colour</b>	white	<b>Colour</b>	white
<b>Retail unit</b>	15 units	<b>Retail unit</b>	15 units

uvex silv-Air c  
Respirators



uvex silv-Air c

	FFP1		FFP2/N95			FFP3	
flatfold	 3100 NR D	 3110 NR D	 3200 NR D	 3210 NR D	 3220 NR D with carbon	 3310 NR D	
cup style	 2100 NR D	 2110 NR D	 2200 NR D	 2210 NR D	 2220 NR D with carbon	 2310 NR D	 2312 NR D



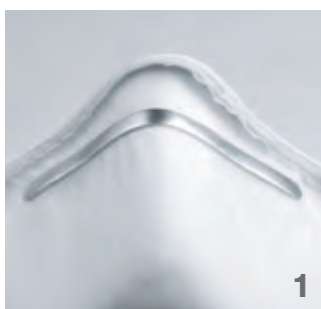
# uvex silv-Air c

## Respirators, class FFP1 and FFP2/N95



### Filtering face mask uvex silv-Air c

- innovative design with an optimised shape
- soft material edges for greater comfort and wearer acceptance
- seamless headband for a comfortable, secure fit
- exhalation valve for easy airflow exchange and reduces the build-up of heat and moisture inside the mask
- adjustable nose clip ensures an excellent individual fit
- mask fulfils the requirements of the dolomite dust test
- compatible with uvex safety eyewear
- upper face seal offers both secure positioning and comfort
- activated carbon filter, suitable for welding applications available in the FFP2/N95 (uvex silv-Air c 2220 and 3220) option



The adjustable nose clip ensures an excellent individual fit and secure positioning.



The soft material edges prevent uncomfortable pressure points.



The seamless headband can be adjusted for an optimum fit.



The exhalation valve with a 360° opening ensures very low breathing resistance and a cooling effect climate inside the mask.



The upper face seal offers both a more secure positioning of the mask and increased wearer comfort.

## uvex silv-Air c

Filtering face masks, protection class FFP1



8733. 100



8733. 110

### uvex silv-Air 3100

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

uvex silv-Air 3100	
<b>Art. no.</b>	8733.100
<b>Version</b>	FFP1 NR D folding mask without valve
<b>Colour</b>	white
<b>Retail unit</b>	30 units, individually packed

### uvex silv-Air 3110

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

uvex silv-Air 3110	
<b>Art. no.</b>	8733.110
<b>Version</b>	FFP1 NR D folding mask with valve
<b>Colour</b>	white
<b>Retail unit</b>	15 units, individually packed



8732. 100



8732. 110

### uvex silv-Air 2100

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

uvex silv-Air 2100	
<b>Art. no.</b>	8732.100
<b>Version</b>	FFP1 NR D preformed mask without valve
<b>Colour</b>	white
<b>Retail unit</b>	20 units

### uvex silv-Air 2110

- particle-filtering preformed mask with exhalation valve
- seamless headband and 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 2110	
<b>Art. no.</b>	8732.110
<b>Version</b>	FFP1 NR D preformed mask with valve
<b>Colour</b>	white
<b>Retail unit</b>	15 units

## uvex silv-Air c

Filtering face masks, protection class FFP2/N95



8733. 200



8733. 210



8733. 220

## uvex silv-Air 3200

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

## uvex silv-Air 3210

- particle-filtering folding mask with exhalation valve
- seamless headband and flexible, adjustable nose clip
- 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 3220

- particle-filtering folding mask with exhalation valve
- additional activated carbon filter against odours, gases and vapours below threshold
- seamless headband and flexible, adjustable nose clip
- 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 3200	uvex silv-Air 3210	uvex silv-Air 3220
<b>Art. no.</b> 8733.200	8733.210	8733.220
<b>Version</b> FFP2/N95 NR D folding mask without valve	FFP2/N95 NR D folding mask with valve	FFP2/N95 NR D folding mask with valve and carbon
<b>Colour</b> white	white	silver
<b>Retail unit</b> 30 units, individually packed	15 units, individually packed	15 units, individually packed



8732. 200



8732. 210



8732. 220

## 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 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 the mask

## 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 2200	uvex silv-Air 2210	uvex silv-Air 2220
<b>Art. no.</b> 8732.200	8732.210	8732.220
<b>Version</b> FFP2/N95 NR D preformed mask without valve	FFP2/N95 NR D preformed mask with valve	FFP2/N95 NR D preformed mask with valve and carbon
<b>Colour</b> white	white	silver
<b>Retail unit</b> 20 units	15 units	15 units

uvex silv-Air c

Filtering face masks, protection class FFP3



8733. 310

uvex silv-Air 3310

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

uvex silv-Air 3310	
Art. no.	8733.310
Version	FFP3 NR D folding mask with valve
Colour	white
Retail unit	15 units, individually packed



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	
Art. no.	8732.310
Version	FFP3 NR D preformed mask with valve
Colour	white
Retail unit	15 units



8732. 312

uvex silv-Air 2312












- particle-filtering preformed mask with exhalation valve – ergonomically adapted for smaller to medium-sized 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 2312	
Art. no.	8732.312
Version	FFP3 NR D preformed mask with valve
Colour	white
Retail unit	15 units



# uvex silv-Air





















## Functions

	The <b>360° exhalation valve</b> considerably reduces breathing resistance and build-up of heat and moisture in the mask.
	<b>Comfortable all-round sealing lip</b> The soft sealing lip guarantees a secure, comfortable sealed positioning of the mask.
	<b>Soft sealing lip in the nose and chin area</b> for a secure and comfortable fit.
	<b>Comfortable sealing lip in the nose area</b> The soft sealing lip in the nose area guarantees a secure, pressure-free fit.
	<b>Comfort nose clip</b> The mask is fitted with a high-quality nose clip making it individually adjustable.
	The <b>4-point headband attachment</b> allows an individual and secure fit, which can be perfectly adapted to meet the wearer's requirements.
	The masks are <b>individually</b> packed and meet the highest standards of hygiene.
	<b>Carbon inside</b> The additional activated carbon layer incorporated in the filter material reduces unpleasant odours.
	<b>R labelling</b> The mask has been tested for reusability and has the required performance features for wearing during a second work shift.
	<b>"NR" designation</b> The masks are not reusable and must therefore be disposed of after a work shift.
	<b>D labelling</b> The mask has undergone additional dolomite dust testing and therefore affords excellent breathability, even in extremely dusty environments and during longer periods of use.



# uvex silv-Air

## Overview

Art. no.	Name	Type		Colour	Retail unit	Quantity in outer box	Page
8732.100	uvex silv-Air 2100	FFP1 preformed mask without valve		white	20 per box	240	126
8732.110	uvex silv-Air 2110	FFP1 preformed mask with valve		white	15 per box	180	126
8732.200	uvex silv-Air 2200	FFP2 preformed mask without valve		white	20 per box	240	127
8732.210	uvex silv-Air 2210	FFP2 preformed mask with valve		white	15 per box	180	127
8732.220	uvex silv-Air 2220 with carbon	FFP2 preformed mask with valve		silver	15 per box	180	127
8732.310	uvex silv-Air 2310	FFP3 preformed mask with valve		white	15 per box	180	128
8732.312	uvex silv-Air 2312	FFP3 preformed mask with valve		white	15 per box	180	128
8733.100	uvex silv-Air 3100	FFP1 folding mask without valve		white	30 per box	360	126
8733.110	uvex silv-Air 3110	FFP1 folding mask with valve		white	15 per box	180	126
8733.200	uvex silv-Air 3200	FFP2 folding mask without valve		white	30 per box	360	127
8733.210	uvex silv-Air 3210	FFP2 folding mask with valve		white	15 per box	180	127
8733.220	uvex silv-Air 3220 with carbon	FFP2 folding mask with valve		silver	15 per box	180	127
8733.310	uvex silv-Air 3310	FFP3 folding mask with valve		white	15 per box	180	128
8765.100	uvex silv-Air 5100	FFP1 folding mask without valve		white	30 per box	480	122
8765.110	uvex silv-Air 5110	FFP1 folding mask with valve		white	15 per box	240	122
8765.200	uvex silv-Air 5200	FFP2 folding mask without valve		white	30 per box	480	122
8765.210	uvex silv-Air 5210	FFP2 folding mask with valve		white	15 per box	240	122
8765.220	uvex silv-Air 5220 with carbon	FFP2 folding mask with valve		white	15 per box	240	122
8765.310	uvex silv-Air 5310	FFP3 folding mask with valve		white	15 per box	240	123
8765.320	uvex silv-Air 5320 with carbon	FFP3 folding mask with valve		white	15 per box	240	123



Safety Gloves

**uvex**

**uvex i-gonomics**

Innovative hand 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 extreme durability, low weight and optimal climate control. Wearer acceptance of safety gloves is enhanced – a significant bonus for safety.

# uvex synexo Z200



**Even better protection – with maximum wearer comfort**

The innovative uvex synexo Z200 safety glove offers reliable protection – partial protection zones effectively increase tear resistance and cut protection. The high breathability of these gloves, thanks to their porous coating, means they are extremely comfortable to wear at all times.



## Relief-Index

# 4.10

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 4.2

**Lightweight feel reduces the onset of fatigue**

- Test method:  
Weighing of the glove (pair)
- Test result:  
Weight = 36.6 g



## force 4.8

**Very hard-wearing, optimal protection**

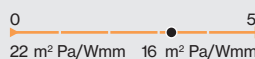
- Test method:  
Tear resistance in the area of the thumb joint
- Test result:  
Tear resistance = 410 N



## clima 3.3

**Reduced perspiration for increased wearer acceptance**

- Test method:  
Water vapour permeability
- Test result:  
 $R_{ET}$  value/mm = 18.0



# Innovative safety gloves “Made in Germany”

Manufacturing and technology expertise



## uvex centre of expertise for safety gloves in Lüneburg, Germany

Development expertise, state-of-the-art robot-controlled manufacturing technology and stringent quality control ensure the first-class quality of our safety gloves. By manufacturing in Germany, uvex pursues efficient, resource-preserving production processes and ensures that the path from manufacturer to end user is as short as possible.

### Development/production

Fully integrated development processes across all stages:

- own yarn/liner manufacturing
- own compounding (blending)
- specially developed moulding and process technology
- innovative coating technology
- development of customer-specific solutions
- technical modifications to existing products (e.g. thermal lining)
- individual production (e.g. gloves for disabled people)

State-of-the-art production:

- 100% solvent-free manufacturing
- sustainable use of resources

### Innovation

- Use of high quality natural and functional fibres
  - good skin compatibility
  - high wearer acceptance
- Tested products, free from harmful substances
  - uvex pure Standard (very good skin compatibility, dermatologically tested)
  - Certified in accordance with Oeko-Tex® Standard 100 (e.g. product class II)



**MADE IN GERMANY**

Detailed information on the award criteria applied by the certification bodies OEKO-TEX®, proDERM and Top100 can be found at: [uvex-safety.com/certificates](http://uvex-safety.com/certificates)



# Extensive know-how is part of our service

Service expertise



## We know exactly what you want.

Our expertise is available for you at all times which forms the basis of our on-site. Risk-hazard analysis service: Our hand protection specialists work with you to determine which safety gloves are best suited to your individual requirements. Seminars, laboratory analyses and online tools round off our service portfolio.

### Consultation / training / application technology

- on-site consultation from uvex product specialists
- practical hand protection seminars (uvex academy)
- plant and laboratory tours for customers
- cooperation with scientific institutes
- measurement and analysis service in own laboratories
  - mechanical standard test in accordance with EN 388
  - permeation tests in accordance with EN 374
  - special tests (e.g. antistatic/grip measurement/ climate test)
- individual certifications (e.g. for ingredients, coating compatibility, food product suitability)

### Information / e-services

- Chemical Expert System (CES)
- designer glove plan
- online product data sheets
- online user instructions
- online declaration of conformity
- online media database



For further information, please visit: [www.uvex-safety.de/usgfilm](http://www.uvex-safety.de/usgfilm)

# EN 388:2016

## 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.

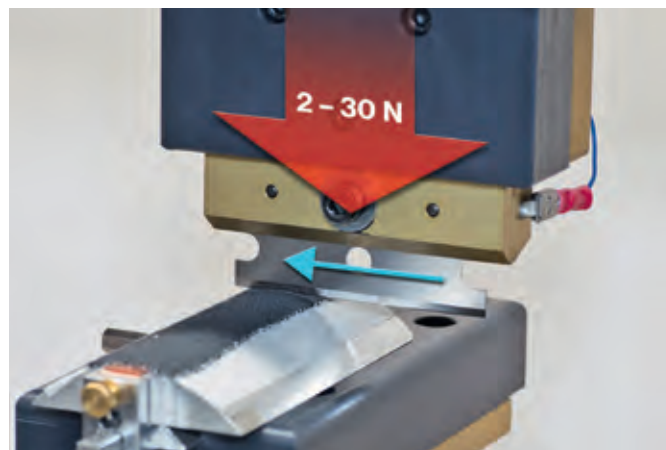
Performance class	1	2	3	4	5
Index	≥ 1,2	≥ 2,5	≥ 5	≥ 10	≥ 20

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/](http://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)



# EN ISO 374-1:2016

## Modification to the Standard for chemical safety gloves

Chemical safety gloves must meet the requirements of European standard EN ISO 374-1. This standard has undergone fundamental changes in terms of certification.

### Part 1 (Terminology and performance requirements for chemical risks) contains important modifications:

- Expansion of test chemicals from 12 to 18
- Omission of beaker glass for “water-resistant safety glove with low protection against chemical risks”
- Standardisation of types of gloves into type A, B or C
- Modification to labelling on the product:  
Pictogram of Erlenmeyer flask with differing number of letters for test chemicals depending on type

### New labelling of safety glove:

EN ISO 374-1:2016/Type A



**Permeation resistance of type A:**  
at least 30 minutes each with at least 6 test chemicals.

EN ISO 374-1:2016/Type B



**Permeation resistance of type B:**  
at least 30 minutes each with at least 3 test chemicals.

EN ISO 374-1:2016/Type C



**Permeation resistance of type C:**  
at least 10 minutes each with at least 1 test chemical.

As before, the application guidance of the manufacturer is of great importance. The specific protection requirement must be determined as part of a risk assessment of the actual works process taking account of the specific application conditions. A designated safety professional must define the individual requirements and secure conformation of the specific protection levels of the safety gloves from the manufacturer's data sheets.

### Expansion of test chemicals:

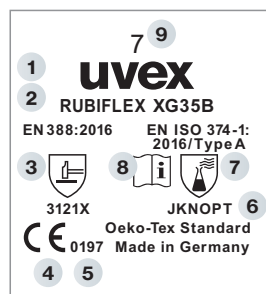
The test catalogue has been expanded in accordance with the new standard.

Letter symbol	Test chemical	CAS no.	Class
EXISTING	A Methanol	67-56-1	Primary alcohol
	B Acetone	67-64-1	Ketone
	C Acetonitrile	75-05-8	Nitrile
	D Dichloromethane	75-09-2	Chlorinated hydrocarbon
	E Carbon disulphide	75-15-0	Sulphur-containing organic compound
	F Toluene	108-88-3	Aromatic hydrocarbon
	G Diethylamine	109-89-7	Amine
	H Tetrahydrofuran	109-99-9	Heterocyclic and ether compounds
	I Ethyl acetate	141-78-6	Ester
	J n-heptane	142-82-5	Aliphatic hydrocarbon
	K Sodium hydroxide, 40%	1310-73-2	Inorganic base
	L Sulphuric acid, 96%	7664-93-9	Inorganic acid, oxidising
NEW	M Nitric acid, 65%	7697-37-2	Inorganic acid, oxidising
	N Acetic acid, 99%	64-19-7	Organic acid
	O Ammonia water, 25%	1336-21-6	Organic base
	P Hydrogen peroxide, 30%	7722-84-1	Peroxide
	S Hydrofluoric acid, 40%	7664-39-3	Inorganic acid
	T Formaldehyde, 37%	50-00-0	Aldehyde

With the uvex Chemical Expert System, uvex provides a multilingual, online platform to search for individual permeation times. In addition, experienced staff are available on-site and in the centre of expertise for safety gloves in Lüneburg to provide advice on all questions relating to safety gloves for protection against chemical risks.



## Labelling on the glove



- 1 Name of the manufacturer
- 2 Glove Product Name
- 3 Performance classes, mechanical
- 4 CE conformity mark
- 5 No. of Test Institute
- 6 Letters symbolise test chemicals against which the glove has a protection index of at least class 2.
- 7 Pictogram with designation of standard
- 8 Note enclosed instructions for use
- 9 Glove size

## Permeation

Time measured to penetration	Protection index
> 10 min	Class 1
> 30 min	Class 2
> 60 min	Class 3
> 120 min	Class 4
> 240 min	Class 5
> 480 min	Class 6

Permeation refers to molecular penetration through the safety glove material. The time required by the chemicals to permeate, determines the performance class in accordance with EN ISO 374-1. The actual period of protection at the workplace may vary depending on real-time process factors.

Your uvex account manager will be happy to provide advice.

# EN 16350:2014

## Protective gloves – electrostatic properties

### The new standard

Choosing the right personal protective equipment (PPE) is particularly important in working environments that are hazardous or harbour health risks. For workplaces at risk of fire and explosive atmospheres, “EN 16350:2014 – Protective gloves – electrostatic properties” is the first European standard to prescribe the test conditions and minimum requirements for electrostatic properties of safety gloves.

- ▶ vertical resistance must be less than  $1.0 \times 10^8 \Omega$  ( $R_v < 1.0 \times 10^8 \Omega$ ).
- ▶ test atmosphere: ambient temperature of  $23 \pm 1^\circ\text{C}$ , relative humidity of  $25 \pm 5\%$ .

#### Important notice:

**Electrostatic discharge safety gloves are only effective if the wearer is grounded with resistance of less than  $10^8 \Omega$ .**

### What should users take into account?

EN 16350:2014 is the first standard to define a limit value for vertical resistance for protective gloves; this value was not included in DIN EN 1149.

Users must therefore check the suitability of the protective gloves in line with EN 16350:2014.

References to EN 1149 are no longer sufficient, as this standard only describes the testing procedure and does not specify a limit value.

### Where can safety gloves certified in accordance with EN 16350:2014 be used?

Safety gloves which have been tested in accordance with EN 16350:2014 can be used in fire and explosive hazard zones, such as refineries. They are an essential part of an uninterrupted grounding chain, which consists of gloves, protective clothing, footwear, the ground and other control measures specified within the workplace. In connection with electrostatic properties, electrostatic discharge (ESD) in the area of product protection is also assessed. Safety gloves tested according to EN 16350:2014 are suited for all ESD product protection applications.



uvex unipur carbon

uvex rubiflex ESD

## Suitability grades for safety gloves in the food industry

Safety gloves for working with food must be designed in such a way that absolutely no components can be transferred to food which may pose a hazard to human health (migration) under normal and predictable conditions.

The following overview shows which uvex products are suited for working with food and lists potential areas of application.

Further information including testing specifications is available on request.



Area of application	Aqueous pH > 4.5	Acidic pH < 4.5	Alcoholic	Fatty	Dry, non fatty
Examples	Non-alcoholic beverages Fruit Eggs Vegetables Crustaceans	Vinegar Yeast Milk Yoghurt	Wine Spirits Liqueurs	R1 = olive oil R2 = butter, margarine R3 = fish, cheese, baked goods R4 = meat, poultry R5 = sandwiches fried food	Bread Pasta Rice Tea Spices Pulses
uvex profi ergo	YES	YES	YES	YES (R1 – R5)	YES
uvex contact ergo	YES	YES	YES	YES (R1 – R5)	YES
uvex phynomic C3	YES	YES	YES	YES (R1 – R5)	YES
uvex phynomic C5	YES	YES	YES	YES (R1 – R5)	YES
uvex rubiflex (orange)	YES	YES	YES	YES (R1 – R5)	YES
uvex rubiflex S (blue/green)	YES	YES	YES	YES (R1 – R5)	YES
uvex profastrong NF 33	YES	YES	YES	YES (R2 – R5)	YES
uvex u-fit	YES	YES	YES	YES (R3 – R5)	YES
uvex phynomic foam	YES	YES	YES	YES (R5)	YES
uvex phynomic lite/ uvex phynomic lite w	YES	YES	YES	YES (R1 – R5)	YES
uvex unilite thermo	YES	YES	YES	NO	YES
uvex u-fit strong N2000	YES	NO	YES	YES (R3 – R5)	YES
uvex u-fit lite	YES	NO	YES	YES (R3 – R5)	YES



# Safety Gloves

## Mechanical Risks



### Precision work

146 – 155



uvex phynomic range



uvex rubipor XS    uvex rubipor ergo    uvex unigrip range    uvex synexo Z200    uvex synexo M100



uvex unipur range    uvex unilite range



### All-round

146 – 157



uvex contact ergo    uvex profi ergo    uvex profi XG



### Heavy duty

156 – 158



uvex rubiflex    uvex compact    uvex unilite thermo range



### Heat protection

159



uvex nk    uvex k-basic etxra    uvex profatherm



### Cut protection

162 – 170



uvex phynomic range    uvex synexo impact 1    uvex synexo M500    uvex D500 foam



uvex C500 range    uvex C300 range    uvex unidur range    uvex protector range



# Safety Gloves

## Chemical Risks

### Safety gloves with cotton support

176 – 180

Coating: Nitrile



uvex rubiflex ESD



uvex rubiflex S XG



uvex rubiflex S



uvex rubiflex S



uvex rubiflex SZ



uvex u-chem 3000



uvex u-chem 3100

Coating: HPV



uvex profatrol



uvex profagrip

### Safety gloves without cotton support

181 – 182



Nitrile –  
uvex profastrong



Chloroprene –  
uvex profapren



Butyl –  
uvex profabutyl



Butyl/Viton® –  
uvex profaviton



### Disposable safety gloves

183 – 185



uvex u-fit strong



uvex u-fit strong N2000



uvex u-fit



uvex u-fit lite

# The uvex Glove Navigator

The fast way to find the right safety gloves

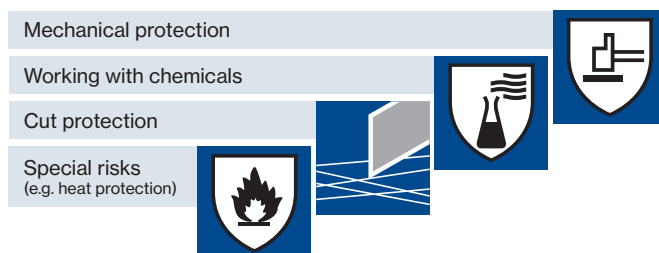
There are many factors which must be taken into consideration when selecting the appropriate safety gloves. To help you make the right choice, uvex has developed clear guidelines that include helpful symbols for selecting safety gloves for specific areas of application.



## 1. Identify and classify risk potential

### What is the main risk for users in the workplace?

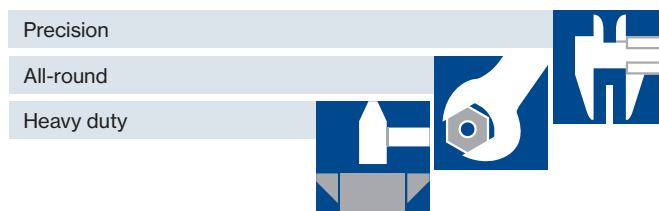
The symbols provide initial guidance to help you choose the right category for the appropriate safety gloves.



## 2. Determine individual requirements of the safety gloves

### What activities will primarily be carried out at the workplace in question?

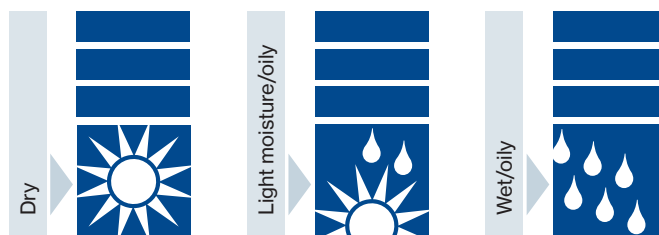
Will the nature of the work require precision, entail interchangeable all-round activities or place high demands on the wearer and the safety gloves?



## 3. Define the application environment

### Identify the general conditions of the workplace.

Will activities be carried out in wet/oily, damp or dry working conditions? All of our safety gloves come with one of these 3 environment classification guidelines. The degree of suitability is determined by the aggregate of workplace conditions.



Safety gloves certified according to Oeko-Tex® Standard 100.

**MADE IN GERMANY**

Safety gloves are developed and manufactured in Germany.

**pure standard**

Safety gloves meet the high criteria of the uvex pure standard. Gloves do not contain substances that are hazardous to health, free from solvents and accelerators, and offer optimum product protection.

**climazone**

Safety gloves meet the uvex climazone standard. Measureable increased breathability and reduced perspiration for greater wellbeing when wearing safety gloves.



Gloves demonstrate good skin tolerability during dermatological tests. The glove was clinically tested by the proDERM® Institute for Applied Dermatological Research (Hamburg, Germany) / (proDERM study: 11.0356-02, 11.0482-11, 13.0202-02, 15.0188-02, 15.0219-11).

**SIEMENS**

Non-binding recommendation for SIMATIC Industrial Monitors with gesture and multi-finger operation

Safety gloves approved for applications with industrial touchscreen monitors.

Detailed information on the award criteria applied by the certification bodies OEKO-TEX®, proDERM and Top100 can be found at: [uvex-safety.com/certificates](http://uvex-safety.com/certificates)

# Mechanical Risks

Area of application: precision/all-round

	 Precision	 All-round	 Heavy duty
	Activities where a high level of sensitivity is necessary.	General, multiple activities for which robust, stable safety gloves are required.	Tough activities requiring highly robust, abrasion resistant safety gloves.
	Examples: fine assembly work, working with small parts (e.g. screws), operating controls, end inspection.	Examples: servicing, transport work, light metal processing, standard assembly work, maintenance.	Examples: heavy transport work (e. g. palette transport), construction, servicing.
 dry	 uvex phynomic lite/lite w  uvex unipur range  uvex rubipor range	 uvex phynomic foam  uvex phynomic allround	 uvex synexo M100
 light moisture / oily		 uvex phynomic wet  uvex phynomic XG  uvex phynomic wet plus	 uvex synexo Z200  uvex phynomic pro  uvex unilite thermo
 wet / oily		 uvex contact ergo  uvex profi ergo	 uvex profi XG  uvex compact  uvex unilite thermo HD



Working areas which do not have any moisture (water, oil, fat, cooling lubricant, etc.). Safety gloves for these conditions are extremely breathable.  
Examples: quality control, assembly work, distribution, end processing.



Working areas with some moisture. Safety gloves for these conditions are less breathable. The water/oil-repelling coating is crucial and also guarantees slip-resistance.  
Examples: oil-coated parts, changing between dry and damp working environments.



Working areas in which hands should be protected from liquids (not chemicals). Sealed safety gloves with high slip-resistance are necessary.  
Examples: removing oily/wet parts from machines, outdoor activities (weather-related humidity).



# uvex phynomic

## Perfection in 3 dimensions

### 1. Perfect fit



#### 3D ergo technology – precision all the way to the fingertips

Ergonomic solution for every wearer:  
up to 8 perfectly coordinated sizes

The advantages for the wearer:

- the glove fits like a second skin
- natural touch
- maximum flexibility for fatigue-free work

### 2. Optimum functionality



#### Coatings perfectly adapted to the application at hand

- for dry areas:  
aqua-polymer waterproofing
- for dry and slightly damp areas: aqua-polymer foam coating
- for humid and oily areas:  
aqua-polymer xtra grip foam coating
- for wet and oily areas:  
aqua-polymer pro coating

### 3. Skin safe – product safe



#### Enhanced skin care and product protection

Health protection

- no skin irritation
- dermatologically approved\*
- certified in accordance with OEKO-TEX® Standard 100
- free from harmful solvents (DMF, TEA)
- free from allergenic substances

Product protection

- silicone-free according to imprint test
- suitable for sensitive surfaces
- does not leave any traces/marks
- certified for food processes\*\*

**climazone**

MADE IN GERMANY 

pure standard



\* The uvex phynomic series was clinically tested by the proDERM® Institute for Applied Dermatological Research (Hamburg, Germany). The extremely good skin tolerability of uvex phynomic safety gloves has been dermatologically tested (proDERM® studies: 11.0356-02, 11.0482-11, 13.0202-02, 15.0188-02, 15.0219-11). Detailed information on the award criteria applied by the certification bodies

OEKO-TEX®, proDERM and Top100 can be found at: [uvex-safety.com/certificates](http://uvex-safety.com/certificates)

\*\* Models uvex phynomic lite/lite w, uvex phynomic foam, uvex phynomic C3 and phynomic C5







# Mechanical Risks

Area of application: precision/all-round



MADE IN GERMANY

## uvex phynomic lite · uvex phynomic lite w

- the most lightweight safety glove in its class reduces the onset of fatigue
- good mechanical abrasion resistance thanks to the very thin but highly durable aqua-polymer impregnation
- good grip in dry and slightly damp areas
- very high level of breathability with the porous coating, which reduces sweating
- outstanding tactile feel when handling small parts

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

	uvex phynomic lite	uvex phynomic lite w
Art. no.	60040	60041
Design	knitted cuff	knitted cuff
Standard	EN 388 (3 1 2 1)	EN 388 (3 1 2 1)
Material	polyamide, elastane	polyamide, elastane
Coating	palm and fingertips with aqua-polymer impregnation	palm and fingertips with aqua-polymer impregnation
Suitable for	dry and slightly damp areas of application	dry and slightly damp areas of application
Colour	grey, grey	white, white
Sizes	5 to 12	5 to 12



# Mechanical Risks

Area of application: precision/all-round



## 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 allround

- light and dirt-resistant all-round safety glove for mechanical activities
- 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:

- maintenance
- assembly
- precision work
- transport/packaging work
- repair work



## uvex phynomic x-foam HV

- unique safety glove with break sections
- reduced tear resistance in the finger area with the integration of a seamless break section, which clearly reduces the risk of severe hand injuries when using hand-held power tools
- 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:

- partially suitable for dealing with moving machine parts
- **A thorough hazard analysis with the support of our uvex hand protection specialists is vital before use.**



Art. no.	uvex phynomic foam 60050	uvex phynomic allround 60049	uvex phynomic x-foam HV 60054
Design	knitted cuff	knitted cuff	knitted cuff
Standard	EN 388 (3 1 3 1)	EN 388 (3 1 3 1)	EN 388 (3 1 X 1)
Material	polyamide, elastane	polyamide, elastane	polyamide, elastane
Coating	palm and fingertips with aqua-polymer foam coating	palm and fingertips with aqua-polymer foam coating	palm and fingertips with aqua-polymer foam coating
Suitable for	dry areas and slightly damp areas	dry areas and slightly damp areas	dry areas and slightly damp areas
Colour	white, grey	grey, black	orange, grey
Sizes	5 to 12	5 to 12	6 to 12



## Mechanical Risks

Area of application: precision/all-round



60060



60061



pure standard

MADE IN GERMANY



60070



pure standard

MADE IN GERMANY

### uvex phynomic wet · uvex phynomic wet plus

- safety glove with water-repellent aqua-polymer 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 phynomic XG

- flexible and extremely durable assembly glove with the best oil grip in its class
- outstanding mechanical abrasion resistance thanks to the aqua-polymer Xtra Grip coating
- outstanding grip in oily areas
- high level of breathability with the porous foam coating
- very good tactile feel when assembling (oily) parts

Areas of application:

- precision work
- assembly
- maintenance
- repair work
- metal processing
- concrete/construction work

	uvex phynomic wet	uvex phynomic wet plus	uvex phynomic XG
Art. no.	60060	60061	60070
Design	knitted cuff	knitted cuff	knitted cuff
Standard	EN 388 (4 1 3 1)	EN 388 (4 1 3 1)	EN 388 (4 1 3 1)
Material	polyamide, elastane	polyamide, elastane	polyamide, elastane
Coating	aqua-polymer foam coating on palm and fingertips	palm and ¾ of the back of the hand with aqua-polymer foam coating	aqua-polymer xtra grip foam coating on palm and fingertips
Suitable for	damp and oily working conditions	damp and oily working conditions	damp and oily working conditions
Colour	blue, anthracite	blue, anthracite	black, black
Sizes	6 to 12	6 to 12	6 to 12





# Mechanical Risks

Area of application: precision/all-round/heavy duty

## uvex phynomic pro: comfort made by uvex

In addition to protective function, safety gloves for assembly work must meet a variety of other demands placed on them by the wearer. These include dexterity, a comfortable internal temperature, flexibility and a slip-resistant coating, of which all ensure the gloves do not hinder work.

These requirements are met by a number of safety gloves currently available on the market. However, the workplace often involves a combination of activities, when wearers still need to have an excellent sense of touch even if there is a significant amount of dirt or moisture. If open cell coatings continue to be used in these environments, the hands become dirty, wet or oily as well as reduced product life and regular replacement rates.

This is where uvex's new product concept comes into its own.

**The coating:** the innovative new aqua-polymer-pro coating features dirt and moisture-repellent properties. The gloves are coated up to and including the knuckles. It remains completely flexible and offers exceptional dry and wet grip (in both wet and oily applications).

**The liner:** uvex has already set new standards in cut protection with the patented Bamboo-TwinFlex® technology. The uvex phynomic pro represents a further ground-breaking development in the Cut 1 segment.

The new liner combines bamboo with polyamide/elastane. The dirt and moisture-repellent coating requires that it is particularly important that the fibre combination is absorbent and wicks moisture away from the skin. The silky feel of this natural fibre also feels pleasant on the skin.

**Purity "Made in Germany":** This product in the uvex phynomic range has also been tested by the proDERM® Institute to confirm the skin compatibility and dermatological tolerance through a comprehensive process of repeated patch tests and in-use studies.



60062



MADE IN GERMANY

## uvex phynomic pro

- high dexterity and dirt- and damp-resistant safety glove
- good mechanical abrasion resistance thanks to the durable aqua-polymer Pro coating
- very good grip in damp, wet and oily areas
- high level of breathability and very good moisture absorption thanks to the natural fibres in the supporting material
- very good tactile feel when handling parts
- outstanding wearer comfort on the skin thanks to the bamboo-polyamide-elastane liner

Areas of application:

- assembly
- maintenance
- repair work
- concrete/construction work
- outdoor activities



	uvex phynomic pro
Art. no.	60062
Design	knitted cuff
Standard	EN 388 (2 1 2 1)
Material	bamboo, polyamide, elastane
Coating	palm and ¾ of the back of the hand with aqua-polymer pro coating
Suitable for	damp and oily working conditions
Colour	blue, anthracite
Sizes	6 to 12



## uvex synexo

The perfect synergy between comfort and protection

uvex synexo combines the benefits of seamless safety gloves with specially designed protection zones. Whether used for fine precision work or where a secure grip is required, uvex synexo provides targeted protection right where it matters most, setting new standards for functionality and wearer safety.

### uvex synexo Z200

The thumb and index finger are most exposed to the risk of cut injuries. The uvex synexo Z200, features reinforcement in these areas to reduce risk and wear.

The white HPPE protection zone, which extends under the aqua-polymer XtraGrip coating, effectively increases tear resistance and cut protection without impairing wearer movement and comfort.



#### Hand injuries caused by contact with sharp objects

	Cut injury	Superficial skin injury
Thumb	4,210	15,141
Index finger	556	19,716
Middle finger	268	9,060
Ring finger	119	4,135
Little finger	106	4,390
Metacarpus	314	5,783
Entire hand	824	4,391

Source: Report – Statistics – German Institute for Occupational Health and Safety (DGUV), reporting year 2014

The special aqua-polymer XtraGrip coating provides the best in class grip.

For every application perfect protection

Whether it's reinforcement of the thumb crotch, damping elements on the palm or impact protection on the back of the hand and fingers, each glove in the uvex synexo range features specific design characteristics which provide optimum protection a wide range of applications.



**uvex synexo M100:**  
Reinforcement on the thumb crotch



**uvex synexo impact 1:**  
Protectors on the back of the hand and fingers

# Mechanical Risks

Area of application: precision/all-round/heavy duty



60020



MADE IN GERMANY



60021

## uvex synexo Z200

- flexible and extremely durable assembly glove with the best oil grip in its class
- outstanding mechanical abrasion resistance thanks to the aqua-polymer XtraGrip coating
- outstanding grip in oily areas
- high level of breathability thanks to the porous foam coating
- very good tactile feel when assembling (oily) parts
- partially reinforced protection zone around thumb and index finger for increased tear resistance and enhanced cut protection (level B)

Areas of application:

- precision work
- assembly
- repair work
- maintenance
- manual processing work

## uvex synexo M100

- seamless mechanic's glove with reinforced thumb joints for heavy-duty activities
- good grip in dry and damp areas
- good protection against shocks and impacts thanks to the extra padding in the palm area
- good fit
- highly flexible
- good wearer comfort
- flexible velcro fastening

Areas of application:

- heavy-duty mechanical work
- construction work
- mining
- repair work

	uvex synexo Z200
Art. no.	60020
Design	knitted cuff
Standard	EN 388 (4 X 31 B)
Material	polyamide, elastane, HPPE
Coating	aqua-polymer XtraGrip foam coating on palm and fingertips
Suitable for	damp and oily working conditions
Colour	black, white, black
Sizes	6 to 12

	uvex synexo M100
Art. no.	60021
Design	velcro fastening, padding in palm area, knitted cuff
Standard	EN 388 (3131)
Material	polyamide
Coating	palm and fingertips with NBR coating (nitrile rubber) and Grip finish
Suitable for	for dry areas and damp, oily working conditions
Colour	red, black
Sizes	7 to 11



# Mechanical Risks

Area of application: precision/all-round



## uvex rubipor XS

- lightweight, elastic safety glove with stretch cotton material
- good grip in dry areas
- very high level of breathability with the thin layer of NBR impregnation
- very good tactile feel through the flexible stretch cotton material with elastane
- ergonomic fit

- Areas of application:
- precision assembly work
  - inspection
  - sorting
  - product protection

	uvex rubipor XS2001	uvex rubipor XS5001 B
Art. no.	60276	60316
Design	knitted cuff	knitted cuff
Standard	EN 388 (01 2 1)	EN 388 (01 2 1)
Material	cotton interlock, elastane	cotton interlock, elastane
Coating	palm and fingertips coated with breathable	palm and fingertips coated with breathable
	NBR special impregnation	NBR special impregnation
Suitable for	dry areas of application	dry areas of application
Colour	white, white	white, blue
Sizes	6 to 10	6 to 10

## uvex rubipor ergo

- lightweight, elastic safety gloves
- good grip in dry areas
- very high level of breathability with the thin layer of NBR impregnation
- good tactile feel
- ergonomic fit

- Areas of application:
- precision assembly work
  - inspection
  - sorting
  - product protection

	uvex rubipor ergo E5001 B	uvex rubipor ergo E2001
Art. no.	60201	60234
Design	knitted cuff	knitted cuff
Standard	EN 388 (01 2 1)	EN 388 (01 2 1)
Material	cotton interlock	cotton interlock
Coating	palm and fingers coated with breathable	palm and fingers coated with breathable
	NBR special impregnation	NBR special impregnation
Suitable for	dry areas of application	dry areas of application
Colour	white, blue	white, orange
Sizes	6 to 10	6 to 10





# Mechanical Risks

Area of application: precision/all-round



MADE IN GERMANY

## uvex unipur carbon

- sensitive and anti-static safety glove for precision work with electronic parts
- very good grip
- fulfils requirement of DIN EN 16350:2014
- very high level of breathability
- outstanding tactile feel

Areas of application:

- working with touchscreens
- electrical industry
- work in anti-static areas
- assembly of electronic components

	uvex unipur carbon	uvex unipur carbon FT
<b>Art. no.</b>	60556	60587
<b>Design</b>	knitted cuff	knitted cuff
<b>Standard</b>	EN 388 (01 3 1) EN 16350: 2014	EN 388 (01 3 1) EN 16350: 2014
<b>Material</b>	polyamide, carbon	polyamide, carbon
<b>Coating</b>	palm with carbon micro-dots, fingertips with thin elastomer coating	fingertips with thin elastomer coating
<b>Suitable for</b>	dry areas of application	dry areas of application
<b>Colour</b>	grey, black, white	grey, white
<b>Sizes</b>	6 to 10	6 to 10

## uvex unipur 6630 · uvex unipur 6631

- light and very sensitive 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 unipur 6630	uvex unipur 6631
<b>Art. no.</b>	60943	60944
<b>Design</b>	knitted cuff	knitted cuff
<b>Standard</b>	EN 388 (41 4 1)	EN 388 (41 4 1)
<b>Material</b>	polyamide	polyamide
<b>Coating</b>	palm and fingertips coated with polyurethane coating	palm and fingertips coated with polyurethane coating
<b>Suitable for</b>	dry and slightly damp areas	dry and slightly damp areas
<b>Colour</b>	white, white	grey, grey
<b>Sizes</b>	6 to 11	6 to 11



# Mechanical Risks

Area of application: precision/all-round



60321



60248



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

## 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 unipur 6639
Art. no.	60248
Design	knitted cuff
Standard	EN 388 (4 1 3 1)
Material	polyamide
Coating	palm and fingertips coated with polyurethane coating
Suitable for	dry and slightly damp areas
Colour	black, black
Sizes	6 to 11



# Mechanical Risks

Area of application: precision/all-round



60585



60573



## uvex unilite 7700

- flexible and durable safety glove for mechanical precision work
- good mechanical abrasion resistance with the polyamide-elastane liner and NBR polyurethane coating
- good grip in dry and slightly damp to slightly oily areas
- good 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 unilite 7700
Art. no.	60585
Design	knitted cuff
Standard	EN 388 (4 1 3 1)
Material	polyamide, elastane
Coating	palm and fingertips coated with NBR/polyurethane coating
Suitable for	dry and damp, oily working conditions
Colour	grey, black
Sizes	7 to 11

	uvex unilite 6605
Art. no.	60573
Design	knitted cuff
Standard	EN 388 (4 1 2 2)
Material	polyamide
Coating	palm and fingertips coated with nitrile foam coating
Suitable for	dry and slightly damp areas
Colour	black, black
Sizes	6 to 11



# Mechanical Risks

Area of application: all-round/heavy duty

	Precision	All-round	Heavy duty
Dry	 uvex phynomic lite/lite w  uvex unipur range  uvex rubipor range	 uvex phynomic foam  uvex phynomic allround	 uvex synexo M100
Light moisture/oily		 uvex phynomic wet  uvex phynomic XG	 uvex synexo Z200  uvex phynomic pro  uvex unilite thermo
Wet/oily		 uvex contact ergo  uvex profi ergo	 uvex profi XG  uvex compact  uvex unilite thermo HD



60150



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## uvex contact ergo

- thick, hard-wearing cotton interlock safety glove with NBR coating
- very good grip in damp, wet and oily areas
- good tactile feel
- ergonomic fit
- highly flexible
- good wearer comfort with high water vapour absorption of the cotton lining

Areas of application:

- assembly
- inspection
- repair work
- shipping/Logistics
- packaging

Art. no.	uvex contact ergo ENB20C
Design	60150
Standard	knitted cuff
Material	EN 388 (2 1 2 1)
Coating	cotton interlock
Suitable for	palm and fingers with special NBR coating (nitrile rubber)
Colour	oily and greasy areas of application
Sizes	white, orange
	6 to 10



# Mechanical Risks

Area of application: all-round/heavy duty

## uvex profi ergo

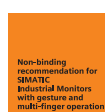
- cotton interlock safety glove with NBR coating for universal use
- very good grip in damp, wet and oily areas
- good tactile feel
- ergonomic fit
- high flexibility
- very good wearer comfort due to the high water vapour absorption of the cotton lining

Areas of application:

- assembly
- inspection
- maintenance
- light to medium metal processing



	uvex profi ergo ENB20A	uvex profi ergo ENB20
Art. no.	60147	60148
Design	knitted cuff	knitted cuff
Standard	EN 388 (2 1 2 1)	EN 388 (2 1 2 1)
Material	cotton interlock	cotton interlock
Coating	palm and ¾ of the back of the hand with special NBR coating (nitrile rubber)	palm and whole back of the hand with special NBR coating (nitrile rubber)
Suitable for	damp, oily or greasy areas of application	damp, oily or greasy areas of application
Colour	white, orange	white, orange
Sizes	6 to 11	6 to 10



Exceptional grip

## uvex profi ergo XG

- safety glove with uvex Xtra Grip Technology
- very good mechanical abrasion resistance thanks to the multi-layer design for increased service life
- outstanding grip in damp, wet and oily areas
- good tactile feel
- ergonomic fit
- highly flexible
- very good wearer comfort with high water vapour absorption of the cotton lining

Areas of application:

- assembly
- inspection
- maintenance
- light to medium metal processing
- concrete/construction work
- outdoor activities



	uvex profi ergo XG20A	uvex profi ergo XG20
Art. no.	60558	60208
Design	knitted cuff	knitted cuff
Standard	EN 388 (3 1 2 1)	EN 388 (3 1 2 1)
Material	cotton interlock	cotton interlock
Coating	palm and ¾ of the back of the hand with special NBR coating and Xtra Grip coating (nitrile rubber)	palm and whole back of the hand with special NBR and Xtra Grip coating (nitrile rubber)
Suitable for	damp, oily or greasy areas of application	damp, oily or greasy areas of application
Colour	white, orange, black	white, orange, black
Sizes	6 to 11	6 to 11



Xtra Grip

# Mechanical Risks

Area of application: Heavy duty/thermal risks



## uvex rubiflex

- fully coated cotton interlock safety glove for mechanical activities
- very good mechanical abrasion resistance with NBR coating
- good tactile feel
- ergonomic fit

Areas of application:

- inspection
- maintenance
- repair work
- light to medium metal processing
- varnishing

	uvex rubiflex NB27	uvex rubiflex NB35
Art. no.	89636	60235
Design	gauntlet, approx. 27 cm	gauntlet, approx. 35 cm
Standard	EN 388 (3 1 1 1)	EN 388 (3 1 1 1)
Material	cotton interlock	cotton interlock
Coating	fully coated with special NBR coating (nitrile rubber)	
Suitable for	damp, oily or greasy areas of application	
Colour	orange	orange
Sizes	7 to 11	7 to 11



## uvex compact

- very durable NBR safety glove for rough work and manual tasks involving raw materials
- very good mechanical abrasion resistance with NBR coating

Areas of application:

- concrete/construction work
- iron and steel industry
- wood-working
- shipping/logistics

	uvex compact NB27E	uvex compact NB27H
Art. no.	60946	60945
Design	canvas gauntlet	canvas gauntlet
Standard	EN 388 (4 2 2 1)	EN 388 (4 2 2 1)
Material	jersey cotton	jersey cotton
Coating	palm and ¾ of the back of the hand with NBR coating (nitrile rubber)	palm and whole back of the hand with NBR coating (nitrile rubber)
Suitable for	damp, oily or greasy areas of application	
Colour	white, blue	white, blue
Sizes	9 to 10	10



## uvex unilite thermo

- winter glove with dual-layer design
- good mechanical abrasion resistance with a polymer coating that is flexible at low temperatures
- very good thermal insulation in direct contact with cold objects
- good fit

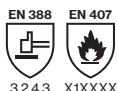
Areas of application:

- work in cold environments
- concrete/construction work
- refrigerated warehouse/stores
- forklift driver

	uvex unilite thermo	uvex unilite thermo plus	uvex unilite thermo HD
Art. no.	60593	60592	60942
Design	knitted cuff	knitted cuff	knitted cuff
Standard	EN 388 (3 2 3 1), EN 511 (01 0)	EN 388 (3 2 3 1), EN 511 (01 0)	EN 388 (3 2 3 1), EN 511 (1 2 X)
Material	acrylic and new wool mix (lining), polyamide and elastane (outer)	acrylic and new wool mix (lining), polyamide and elastane (outer)	cotton terry material and acrylic (lining), nylon (outer)
Coating	palm and fingertips with cold-flexible polymer coating	palm and ¾ of the back of the hand with cold-flexible polymer coating	palm and whole back of the hand with PVC coating, ¾ grip coating
Suitable for	dry and slightly damp working conditions	dry and slightly damp working conditions	damp, oily working conditions
Colour	black, black	black, black	red, black
Sizes	7 to 11	7 to 11	8 to 11

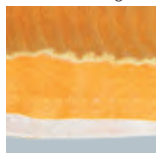
# Mechanical Risks

Area of application: Heat risks



60213

Sandwich lining



MADE IN GERMANY

## uvex nk

- safety glove for thermal applications
- good mechanical abrasion resistance
- very good grip in dry, damp and oily areas through the rough surface
- very good thermal insulation in direct contact with warm to hot objects
- suitable for contact heat up to +100 °C (as per EN 407)

Areas of application:

- handling heavy-duty tools
- sheet metal processing
- machinery and tool manufacturing
- handling cold or hot objects

	uvex NK2722	uvex NK4022
Art. no.	60213	60202
Design	gauntlet, approx. 27 cm	gauntlet, approx. 40 cm
Standard	EN 388 (3 2 4 3), EN 407 (X 1 X X X X)	EN 388 (3 2 4 3), EN 407 (X 1 X X X X)
Material	cotton interlock, aramid knit	cotton interlock, aramid knit
Coating	Fully coated with special NBR coating (nitrile rubber)	Fully coated with special NBR coating (nitrile rubber)
Suitable for	damp, oily or greasy areas of application	damp, oily or greasy areas of application
Colour	orange	orange
Sizes	9 to 10	9 to 10



60179

Cotton cladding



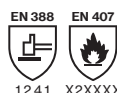
## uvex k-basic extra

- Kevlar® coarse-knitted glove for mechanical and thermal activities
- very good thermal insulation in direct contact with warm to hot objects
- suitable for contact heat up to +250 °C
- good cut protection
- good wearer comfort with cotton lining on the inside
- breathable

	uvex k-basic extra 6658
Art. no.	60179
Design	knitted cuff, 7-gauge
Standard	EN 388 (1 3 4 X)
Material	100 % Kevlar®, cotton lining (inside)
Coating	none
Suitable for	cut and heat-resistant
Colour	yellow
Sizes	8, 10, 12

Areas of application:

- light to medium metal processing
- glass handling
- automotive industry



60595

## uvex profatherm

- cotton terry safety glove for thermal applications
- very good thermal insulation in direct contact with warm to hot objects
- suitable for contact heat up to +250 °C
- good wearer comfort with the cotton terry material on the inside

Areas of application:

- light to medium metal processing
- iron/steel industry
- plastics processing industry

	uvex profatherm XB40
Art. no.	60595
Design	gauntlet, approx. 40 cm
Standard	EN 388 (1 2 4 1), EN 407 (X 2 X X X X)
Material	cotton terry
Coating	none
Suitable for	insulation against heat and cold
Colour	white
Sizes	11

# Mechanical Risks

Innovative products for effective protection

Effective hand protection means striking the perfect balance between reliable protection and a comfortable fit – as only safety gloves which are worn can fulfill their purpose. uvex is continuously developing innovative fibre and coating technologies such as the patented Bamboo TwinFlex® technology.

In everyday use, the relationship between cut and tear resistance properties is critical. The required level of cut protection is achieved through a high concentration of glass fibres, the tear resistance could be compromised.



Solid construction. Core – shell – thread.

The techniques used to combine materials such as glass or steel fibres, are key to determining wearer comfort and acceptance. Skin should only come into contact with fibres that are nonirritating and features such as fit and dexterity change yet again when coatings are applied. Equally coatings need to be highly durable to ensure cost effectiveness.

## The new classification of cut protection gloves in accordance with EN 388:2016/ISO 13997

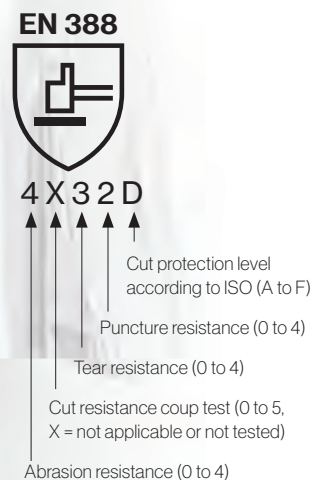
The modifications made to the new DIN EN 388:2016/ISO 13997 standard are of particular relevance to cut protection gloves made from materials that cause the blades used to become blunt (e.g. glass and steel fibres).

As a leading manufacturer of cut-protection products, we have invested in state-of-the-art measurement technology for both standards in our test laboratory, and are well placed to address questions on most matters at anytime.

Differences	EN 388:2003	EN 388:2016/ISO 13997				
Blade type	round	straight				
Cutting method	rotating with repeated contact	straight with single contact				
Application of force	constant at 5 N	variable between 2 and 30 N				
Classification of cut performance levels						
EN 388:2003	1	2	3	4	5	
Index	≥ 1,2	≥ 2,5	≥ 5	≥ 10	≥ 20	
EN 388:2016/ ISO 13997	A	B	C	D	E	F
Newton value	≥ 2	≥ 5	≥ 10	≥ 15	≥ 22	≥ 30

## Labelling of safety gloves






























The performance levels are identified in the EN 388:2016/ISO 13997 standard pictogram:





# Mechanical Risks

Cut protection at a glance

ISO Level 13997	 Precision	 All-round	 Heavy duty	
D		 uvex D500 foam	 uvex unidur 6679 foam	
				
				
C	 uvex C500			
	 uvex C500 dry			
	 uvex C300 dry			
B	 uvex phynomic C5	 uvex C500 foam	 uvex unidur 6659 foam	
		 uvex C500 M foam		
		 uvex synexo M500	 uvex C500 wet	
A	 uvex unidur 6642	 uvex phynomic C3	 uvex unidur 6641	
		 uvex unidur 6648	 uvex unidur 6649	
			 uvex unidur 6643	



Dry



Moisture/light oily



Wet/oily

For safety gloves with cut protection level E and above, uvex recommends products from HexArmor®.



# Mechanical Risks

Area of application: cut protection



## uvex phynomic C3

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

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

	uvex phynomic C3
Art. no.	60080
Design	knitted cuff
Standard	EN 388 (4 3 4 3)
Material	polyamide, elastane, HPPE, glass
Coating	aqua-polymer foam coating on palm and fingertips
Suitable for	dry areas and slightly damp areas
Colour	sky blue, grey
Sizes	6 to 12



## 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

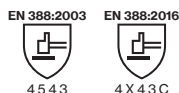


# Mechanical Risks

Areas of application: cut and impact protection

For heavy-duty applications, uvex offers safety gloves from the HexArmor® brand.

More information: [www.hexarmor.eu](http://www.hexarmor.eu)



60598

## uvex synexo impact 1

- seamless cut protection glove with impact protectors for heavy-duty activities, especially in the oil and gas industry
- very high level of cut protection with HPPE and glass fibre combination
- good grip in dry and damp areas
- good protection against shocks and impacts thanks to the extra padding in the palm area
- protectors on the back of the hand and reinforcements on the finger joints offer additional protection from impact and pinch injuries
- good fit
- high flexibility
- good wearer comfort

Areas of application:

- heavy-duty mechanical work
- mining
- oil and gas industry
- heavy-duty construction work

	uvex synexo impact 1
<b>Art. no.</b>	60598
<b>Design</b>	protectors on the back of the hand, velcro fastening, padding in the palm area knitted cuff
<b>Standard</b>	EN 388 (4 X 4 3 C)
<b>Material</b>	HPPE, glass, nylon
<b>Coating</b>	palm and fingertips with NBR coating (nitrile rubber) and Grip finish
<b>Suitable for</b>	for dry areas and damp, oily working conditions
<b>Colour</b>	yellow, black
<b>Sizes</b>	7 to 11



60022

## uvex synexo M500

- seamless mechanic's glove with outstanding cut protection and reinforced thumb joints for heavy-duty activities
- very high level of cut protection with HPPE and glass fibre combination
- good grip in dry and damp areas
- good protection against shocks and impacts thanks to the extra padding in the palm area
- good fit
- high flexibility
- good wearer comfort
- flexible velcro fastening

Areas of application:

- heavy-duty mechanical work
- construction work
- mining
- repair work

	uvex synexo M500
<b>Art. no.</b>	60022
<b>Design</b>	velcro fastening, padding in palm area, knitted cuff
<b>Standard</b>	EN 388 (4 X 4 2 C)
<b>Material</b>	HPPE, glass, nylon
<b>Coating</b>	palm and fingertips with NBR coating (nitrile rubber) and Grip finish
<b>Suitable for</b>	for dry areas and damp, oily working conditions
<b>Colour</b>	yellow, black
<b>Sizes</b>	7 to 11



# The comfort class in cut protection

The latest generation of Bamboo TwinFlex® technology

uvex cut protection gloves based on the latest generation of patented uvex Bamboo TwinFlex® technology set new standards in protection, comfort, flexibility, dexterity and economy. The comfort class in robust cut protection helps increase wearer acceptance – particularly when carrying out demanding activities. The unique combination of natural

bamboo and high-tech protective fibres ensures a high level of wearer comfort and good climate control while also providing effective protection. After all, a safety glove can only help to prevent accidents if the user actually wears it.

## Cut protection level C and D

Bamboo TwinFlex® technology –  
high-tech for added comfort

- robust and comfortable
- bamboo – environmentally friendly, renewable raw material
- cooling effect
- regular fit

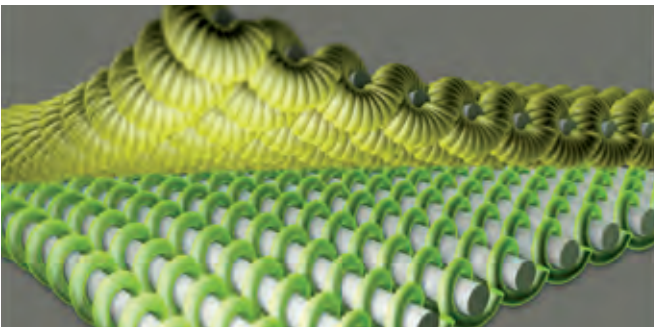
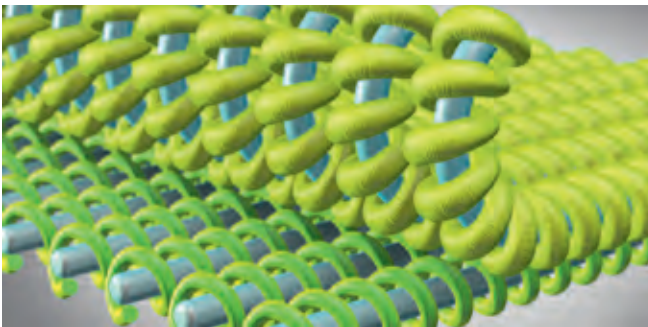




### Patented Bamboo TwinFlex® protection

Cut-resistant glass fibres and abrasion-resistant polyamide guarantee optimum mechanical protection. The use of steel fibres in combination with polyamide increases the cut protection to as high as level D.

### Patented Bamboo TwinFlex® comfort

Soft, comfortable bamboo yarn for a soft feel and perfect climate control combined with resistant HPPE fibres for high tear resistance. The combination of bamboo yarn with innovative DSM Dyneema® diamond fibres provides a further significant boost to tear and cut resistance.

### Bamboo TwinFlex® Technology<sup>1</sup>

Cut protection level C				Cut protection level D			
							
<b>Polyamide</b> (abrasion resistance)		<b>Bamboo</b> (wearer comfort)		<b>Polyamide</b> (abrasion resistance)		<b>Bamboo</b> (wearer comfort)	
							
<b>Glass fibres</b> (cut protection)		<b>High-grade HPPE fibres</b> (tear resistance)		<b>Steel fibres</b> (cut protection)		<b>DSM Dyneema® Diamond fibre<sup>2</sup></b> (cut resistance/tear resistance)	
<b>e.g. uvex C500 M, uvex C500 und uvex C300</b>				<b>e.g. uvex D500 foam</b>			





## uvex D500 foam

Uncompromisingly robust  
without loss of comfort



## First-class climate control

uvex climazone – measurably enhanced comfort

- reduced sweating
- high breathability
- significantly greater moisture absorption compared to other yarns

Wearer comfort and an improved microclimate are the ultimate benchmarks in safety gloves. This is why the uvex climazone glove climate control system is being continuously developed together with market-leading partners and renowned testing and research institutes, such as the Hohenstein Institute and the Pirmasens Institute (PFI). Individual measurement facilities, such as the PFI's Climatester, provide a specific insight into thermo-physiological and skin-sensory wearer comfort.



# Mechanical Risks

Area of application: cut protection



EN 388:2016  
4 X 4 2 D

60604



**climazone**  
MADE IN GERMANY



Crouch zone reinforcement



EN 388:2003  
4 5 4 2

EN 388:2016  
4 X 4 2 C

60498



**climazone**  
MADE IN GERMANY



## 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 C500 M foam

- cut protection safety gloves with outstanding wearer comfort
- outstanding mechanical abrasion resistance thanks to the innovative SoftGrip coating
- very good grip in dry and slightly damp environments
- very high level of cut protection with patented Bamboo TwinFlex® technology
- suitable for contact heat up to +100 °C, in line with EN 407
- partially reinforced thumb joints
- high flexibility
- very good tactile feel
- perfect fit with 3D Ergo man mould technology
- silicone-free according to imprint test

- Areas of application:
- automotive industry
  - construction
  - breweries and beverage production
  - glass industry
  - repair work
  - metalworking 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



	uvex C500 M foam
Art. no.	60498
Design	crouch zone reinforcement, knitted cuff
Standard	EN 388 (4 X 4 2 C)
Material	bamboo-rayon, HPPE, glass, polyamide
Coating	High Performance Elastomer (HPE), SoftGrip foam
Suitable for	for dry and slightly oily/damp areas
Colour	lime, black, anthracite
Sizes	7 to 11



# Mechanical Risks

Area of application: cut protection



**climazone**  
MADE IN GERMANY



## uvex C500

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

- models suitable for contact heat up to +100 °C, in line with EN 407 (uvex C500 foam and C500 wet)
- 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



Art. no.	uvex C500 sleeve	uvex C500	uvex C500 wet plus	uvex C500 XG
Design	60491- 07 underarm protection with velcro fastening, 34 cm (M), 40 cm (L)	60497 knitted cuff	60496 knitted cuff	60600 knitted cuff
Standard	EN 388 (2 X 4 X C)	EN 388 (1 X 4 X C)	EN 388 (4 X 4 2 C)	EN 388 (4 X 4 2 C)
Material	bamboo rayon, HPPE, glass, polyamide	bamboo rayon, HPPE, glass, polyamide	bamboo rayon, HPPE, glass, polyamide	bamboo rayon, HPPE, glass, polyamide
Coating	none	none	palm and ¾ of the back of the hand with high performance elastomer (HPE) coating	palm and whole back of the hand with high performance elastomer (HPE) and Xtra Grip coating
Suitable for	dry areas of application	dry areas of application	damp, oily or greasy areas of application	damp, wet, oily or greasy areas of application
Colour	lime	lime	lime, anthracite	lime, anthracite
Sizes	M L	7 to 11	7 to 11	7 to 11



# Mechanical Risks

Area of application: cut protection



## 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 dry	uvex C500 foam	uvex C500 wet
Art. no.	60499	60494	60492
Design	knitted cuff	knitted cuff	knitted cuff
Standard	EN 388 (X X 4 X C)	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	bamboo rayon, HPPE, glass, polyamide
Coating	palm and fingers with high performance vinyl (HPV) grip dots	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	dry areas of application	damp, oily or greasy areas of application
Colour	lime, anthracite	lime, anthracite	lime, anthracite
Sizes	7 to 11	7 to 11	7 to 11





# Mechanical Risks

Area of application: cut protection



EN 388:2003



4 3 4 4

60314

EN 388:2016



4 3 4 4 B



EN 388:2003



4 3 4 2

60516

EN 388:2016



4 3 4 2 B



EN 388:2003



4 5 4 3

60938

EN 388:2016



4 X 4 3 C



EN 388:2016



4 X 4 4 D

## uvex unidur 6643

- NBR cut protection safety glove with high-quality Special Cut Performance PE fibre
- outstanding mechanical abrasion resistance with NBR coating
- good grip in damp and oily areas
- good cut protection due to high-quality Special Cut Performance PE fibre
- good tactile feel
- highly flexible
- good wearer comfort

Areas of application:

- automotive industry
- maintenance
- assembly
- sheet metal processing
- repair work

## uvex unidur 6649

- PU cut protection glove with HPPE fibres
- outstanding mechanical abrasion resistance
- good grip in damp and oily areas
- good cut protection with HPPE fibres
- good tactile feel
- highly flexible
- good wearer comfort

Areas of application:

- automotive industry
- repair work
- light to medium metal processing
- packaging

## 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

Art. no.	uvex unidur 6643
60314	
Design	knitted cuff
Standard	EN 388 (4 3 4 4 B)
Material	HPPE, polyamide, elastane
Coating	palm and fingertips with NBR coating (nitrile rubber)
Suitable for	damp, oily or greasy areas of application
Colour	mottled grey, black
Sizes	7 to 10

Art. no.	uvex unidur 6649
60516	
Design	knitted cuff
Standard	EN 388 (4 3 4 2 B)
Material	HPPE, polyamide, elastane
Coating	palm and fingertips with polyurethane coating
Suitable for	dry areas and slightly damp areas
Colour	mottled blue, grey
Sizes	7 to 11

Art. no.	uvex unidur 6659 foam
60938	
Design	knitted cuff
Standard	EN 388 (4 X 4 3 C)
Material	HPPE, glass, polyamide
Coating	palm and fingertips with nitrile foam coating
Suitable for	dry areas and slightly damp areas
Colour	mottled grey, black
Sizes	6 to 11

Art. no.	uvex unidur 6679 foam
60969	
Design	knitted cuff
Standard	EN 388 (4 X 4 4 D)
Material	HPPE, steel, nylon, elastane
Coating	palm and fingertips with nitrile foam coating
Suitable for	dry areas and slightly damp areas
Colour	grey, black
Sizes	6 to 11



# Mechanical Risks

Area of application: cut protection

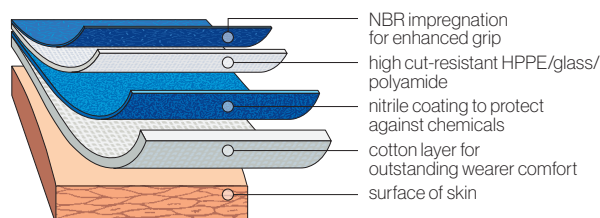


## uvex protector chemical

- very robust safety glove with multi-layer technology combining impermeability and optimal cut protection
- very high level of cut protection with the multi-layer design of the supporting material made from cotton, HPPE and glass
- good grip in damp, wet and oily areas
- uvex protector chemical also offers protection against chemicals
- good wearer comfort

### Areas of application:

- work with high cut hazard and contact with chemicals
- handling heavy-duty tools
- sheet metal processing
- machinery and tool manufacturing



	uvex protector chemical NK2725B	uvex protector chemical NK4025B
Art. no.	60535	60536
Design	gauntlet, approx. 27 cm	gauntlet, approx. 40 cm
Standard	EN 388 (4 X 4 4 C), EN 374 (J K L)	EN 388 (4 X 4 4 C), EN 374 (J K L)
Material	sandwich liner: cotton interlock, HPPE, glass, PA	sandwich liner: cotton interlock, HPPE, glass, PA
Coating	fully coated with special NBR coating (nitrile rubber)	fully coated with special NBR coating (nitrile rubber)
Suitable for	good resistance to oil, grease and many chemicals	good resistance to oil, grease and many chemicals
Colour	blue	blue
Sizes	9 to 10	9 to 10



# Mechanical Risks

## Leather safety gloves

### uvex top grade

The uvex top grade glove range offers high-quality all-round, welding, winter and cut protection safety gloves for many different applications.

The consistently high material quality, regular tests for harmful substances and the durable workmanship guarantee optimum protection, outstanding comfort and cost-efficiency.



Using high-quality leather

### Welding protection



### uvex top grade 8400

#### Characteristics

- Fingertip, wrist and knuckle protection
- Excellent mechanical abrasion resistance
- Exceptional grip on dry and (slightly) damp tools
- Outstanding comfort

#### Applications

- Assembly
- Inspection
- Light to medium metal processing
- Manual work

### uvex top grade 7000 · 7200 · 7100

#### Characteristics

- Excellent mechanical abrasion resistance
- Long cuff for underarm protection
- Soft, comfortable leather
- Superior comfort

#### Applications

- Manual work
- Metal processing
- Sheet metal processing
- Welding



Art. no.	60291	60287	60297	60286
Art. code	8400	7000	7200	7100
EN	388 (2 1 3 3)	388 (2 1 2 2), 407	388 (4 2 2 3), 407	388 (2 0 1 1)
Sizes	8, 9, 10, 11, 12	10, 11	10	9, 10, 11
Length	approx. 27 cm	approx. 35 cm	approx. 35 cm	ca. 35 cm
Leather thickness	approx. 1.1 mm (+/- 0.1 mm)	approx. 0.9 mm (+/- 0.1 mm)	approx. 1.3 mm (+/- 0.1 mm)	ca. 0.8 mm (+/- 0.1 mm)
Construction	100 % full-grain leather, cuff, driving glove, internal elastic collar on the back of hand	Glove 100 % full-grain leather, split-leather cuff, triple-stitched seams with Kevlar® thread	100 % split leather, Kevlar® threads	Glove 100 % nappa, Kevlar® seams, split-leather cuff
Base glove	Cotton on the palm	No lining	100% cotton	No lining
Colour	Leather: beige	grey	black	grey



## Selecting the right hand protection

As an active partner, uvex offers suitable product solutions and competent expert advice, including on-site visits. uvex's application technicians in Lüneburg (Germany) are on hand to contribute their expertise in order to co-develop the perfect solutions for any environment. In addition, uvex's test laboratory can create customer-specific permeation lists that are in accordance with the requirements of respective norms.

**We would be glad to provide you with individual advice on workplace analysis and resistance lists.**



# Chemical Risks

## Selecting the right hand protection

## Chemical Expert System: uvex online chemicals database

The choice and product life of chemical protection safety gloves is essentially determined by the resistance of the glove material to the chemicals being used.

As a manufacturer, uvex's comprehensive online chemicals database offers quick and clear support. Just a few steps is all it takes to find information on the resistance of uvex safety gloves when working with particular chemicals.

Benefits at a glance:

- online database is always available (24/7)
- easy to use in many different languages
- registered users have full access to test results for all listed chemicals
- personal account with premium functions
- individual creation of permeation lists and glove plans

<https://ces.uvex.de>



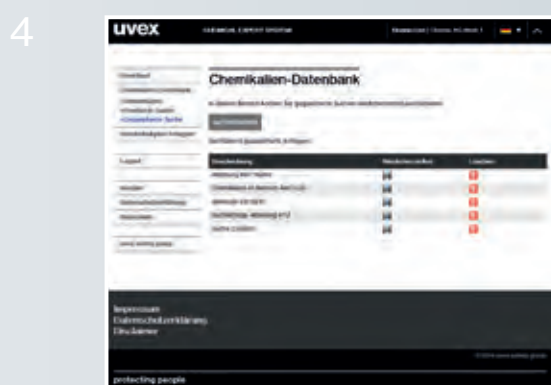
Entry page to chemicals database



Variety of different search options



Clear overview of results



Option to save search results



# Chemical Risks




















## Selecting the right hand protection

Alongside the right protective function, wearer comfort is extremely important in safety gloves.

Chemical protection safety gloves must be used in a wide variety of areas of application while still enabling wearers to complete tasks effectively.

With this in mind, uvex pays particular attention to the demands that will be placed on products in particular areas of application when it develops new chemical protection safety gloves.

The matrix provides guidance to assist in the selection of the right chemical glove for your workplace risks.

	 Precision	 All round	 Heavy duty			
Protective gloves with cotton support for outstanding wearer comfort						
NBR	 uvex rubiflex S (blau)	ESD ▶  uvex rubiflex ESD	Grip ▶  uvex u-chem 3000	seamless ▶  uvex rubiflex XG	 uvex rubiflex S	 uvex u-chem 31 00
			 uvex profatrol	 uvex profagrip		
Protective gloves without cotton support, some with lightly flocked finish						
NBR		flocked ▶  uvex profastrong				
Chloroprene		flocked ▶  uvex profapren				
Special materials		 uvex profabutyl	 uvex profaviton			
Disposable protective gloves for short-term use						
NBR	 uvex u-fit lite	 uvex u-fit	reinforced ▶  uvex u-fit strong N2000			
Chloroprene			reinforced ▶  uvex u-fit strong			

# Chemical Risks

## Product solutions “Made in Germany”



### uvex rubiflex (blue)

- the lightest and most flexible chemical protection safety gloves
- ergonomic fit: instant comfort guaranteed
- exceptional sensitivity
- extremely comfortable cotton interlock lining for high moisture absorption (reduced perspiration when compared with synthetic fibres such as acrylic and polyester)

### Further development



### uvex rubiflex ESD

Electrically conductive: fulfils requirements of EN 16350

The ideal solution for areas with explosive atmospheres

The high demands placed on safety gloves for use in areas with risk of explosions are defined in norm EN 16350. Contact resistance of safety gloves must be extremely low.

An innovative liner concept featuring a new conductive coating ensures chemical protection in addition to explosion protection.



### uvex rubiflex XG

Grip coating for optimised grip when working with oils



Good grip is essential in many environments. This also applies to hand protection as poor grip results in unnecessary exertion, unsafe working and increased risk of injury. The innovative uvex Xtra Grip Technology effectively and safely solves these problems.

### Effective grip – high flexibility – outstanding wearer comfort



#### Mechanical strength

Together with the multilayer design, the advanced surface structure ensures a greater resistance time.



#### Use in oily and wet environments

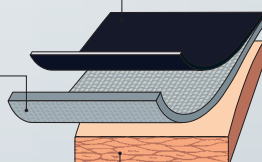
The canal structure of the uvex Xtra grip technology gloves absorbs liquids, helping maintain a secure grip on tools and components.

### Functional combination of liner and coating

Conductive NBR coating

Cotton support with carbon for high wearer comfort and excellent conductivity

Surface of skin



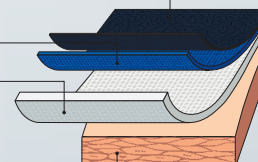
### The multilayer construction ensures safety and grip

Special coating improves grip

Robust nitrile coating

Cotton liner for outstanding wearer comfort

Surface of skin



# Chemical Risks

Safety gloves with cotton support: conductive NBR coating

## The ideal solution for areas with explosive atmospheres

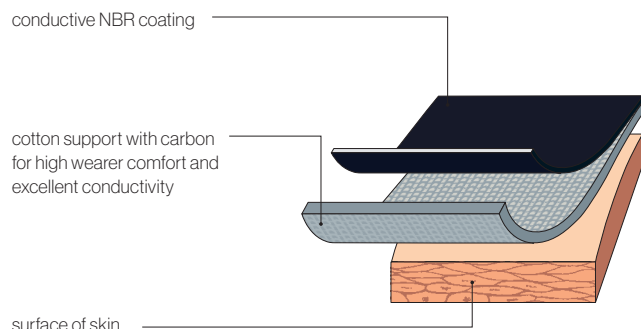
The introduction of the new standard EN 16350:2014 (Protective gloves – electrostatic properties) is the first standard to prescribe the electrostatic properties and testing procedure of safety gloves for work environments with risk of explosive atmospheres and fire.

The testing conditions and minimum requirements in accordance with EN 16350:2014 are as follows:

- The contact resistance must be less than  $1.0 \times 10^8 \Omega$  ( $R_V < 1.0 \times 10^8 \Omega$ ).
- Contact resistance  $R_V$  was tested in accordance with EN 1149-2:1997.
- Test atmosphere: ambient temperature  $23^\circ\text{C} \pm 1^\circ\text{C}$ , relative air humidity  $25\% \pm 5\%$ .

uvex rubiflex ESD fulfils the requirements of the new norm EN 16350:2014.

Functional combination of liner and coating



EN ISO 374-1:2016/Type A



EN 388:2016



60954



MADE IN GERMANY

### uvex rubiflex ESD

- lightweight, stockinette and anti-static NBR chemical protection glove for applications in areas with explosion risks
  - good mechanical abrasion resistance thanks to the NBR coating
  - good grip in damp and wet areas
  - good resistance to grease, mineral oils and many chemicals
  - meets the requirements of EN 16350:2014
  - outstanding tactile feel
  - ergonomic fit
  - outstanding wearer comfort due to the high-quality cotton interlock/carbon supporting material
  - extremely high flexibility
- Areas of application:
- automotive industry
  - chemical industry
  - paint shop
  - refineries
  - plastics processing operations
  - work in anti-static areas

	uvex rubiflex ESD NB35A
Art. no.	60954
Design	gauntlet, approx. 35 cm
Standard	EN 388 (2 1 1 1 X), EN ISO 374-1:2016 / Type A (J K L O P T), DIN EN 16350: 2014
Material	cotton interlock/carbon
Coating	fully coated with special conductive NBR coating (nitrile rubber), approx. 0.40 mm
Suitable for	good resistance to grease, mineral oils and many chemicals
Colour	black
Sizes	6 to 11



# Chemical Risks

## Safety gloves with cotton support: NBR coating

Exceptional grip



EN ISO 374-1:2016/Type A



JKN OPT

EN 388:2016



3121X

60557

XG Xtra Grip



MADE IN GERMANY

Lightweight and flexible



EN ISO 374-1:2016/Type A



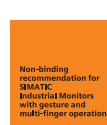
JKN OPT

EN 388:2016



2111X

60224



MADE IN GERMANY



### uvex rubiflex S XG

- lightweight, stockinette NBR chemical protection glove with optimal grip properties
- very good mechanical abrasion resistance and good lifecycle thanks to multi-layered structure
- outstanding grip in wet and oily areas thanks to uvex Xtra Grip technology
- good resistance to grease, mineral oils and many chemicals
- very good tactile feel
- ergonomic fit
- outstanding wearer comfort due to the high-quality cotton interlock supporting material
- extremely high flexibility

Areas of application:

- automotive industry
- chemical industry
- laboratories
- maintenance
- processing

Art. no.	uvex rubiflex S XG27B	uvex rubiflex S XG35B
Design	gauntlet, approx. 27 cm	gauntlet, approx. 35 cm
Standard	EN 388 (3 1 2 1 X) EN ISO 374-1:2016/Type A (J K N O P T)	EN 388 (3 1 2 1 X)
Material	cotton interlock	cotton interlock
Coating	fully coated with special NBR coating (nitrile rubber) and XG Grip coating, approx. 0.40 mm	fully coated with special NBR coating (nitrile rubber) and XG Grip coating, approx. 0.40 mm
Suitable for	very good resistance to grease, mineral oils and many chemicals	very good resistance to grease, mineral oils and many chemicals
Colour	blue, black	blue, black
Sizes	7 to 11	7 to 11

### uvex rubiflex S

- very lightweight, stockinette NBR chemical protection glove suited to handling a variety of chemicals
- good mechanical abrasion resistance thanks to the NBR coating
- good grip in damp and wet areas
- good resistance to grease, mineral oils and many chemicals
- outstanding tactile feel
- ergonomic fit
- outstanding wearer comfort due to the high-quality cotton interlock supporting material
- extremely high flexibility

Areas of application:

- automotive sector
- chemical industry
- laboratories
- varnishing
- food processing

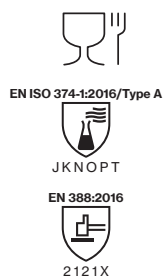
Art. no.	uvex rubiflex S NB27B	uvex rubiflex S NB35B
Design	gauntlet, approx. 27 cm	gauntlet, approx. 35 cm
Standard	EN 388 (2 1 1 1 X) EN ISO 374-1:2016/Type A (J K N O P T)	EN 388 (2 1 1 1 X)
Material	cotton interlock	cotton interlock
Coating	fully coated with special NBR coating (nitrile rubber), approx. 0.40 mm	fully coated with special NBR coating (nitrile rubber), approx. 0.40 mm
Suitable for	good resistance to grease, mineral oils and many chemicals	good resistance to grease, mineral oils and many chemicals
Colour	blue	blue
Sizes	7 to 11	6 to 11



# Chemical Risks

## Safety gloves with cotton support: NBR coating

Reinforced construction



89646



MADE IN GERMANY



89647



89651



MADE IN GERMANY

### uvex rubiflex S

- NBR chemical protection glove with reinforced cotton interlock supporting material
- good mechanical abrasion resistance thanks to the NBR coating
- good resistance to many chemicals, acids, alkalis, mineral oils and solvents
- good heat insulation with reinforced supporting material
- good tactile feel
- ergonomic fit

- outstanding wearer comfort due to the high-quality cotton interlock supporting material
- highly flexible

#### Areas of application:

- automotive industry
- chemical industry
- machinery and tool manufacturing
- metal processing
- sandblasting
- food processing

### uvex rubiflex S (long version)

- long NBR chemical protection glove with reinforced cotton interlock supporting material
- additional elastic collar at gauntlet end (NB60SZ/NB80SZ)
- good mechanical abrasion resistance thanks to the NBR coating
- good resistance to many chemicals, acids, alkalis, mineral oils and solvents
- good tactile feel
- ergonomic fit

- outstanding wearer comfort due to the high-quality cotton interlock supporting material
- highly flexible

#### Areas of application:

- chemical industry
- sewer construction
- municipal cleaning
- sandblasting

uvex rubiflex S	NB27S	NB35S	NB40S
<b>Art. no.</b>	89646	98891	98902
<b>Design</b>	gauntlet, approx. 27 cm	gauntlet, approx. 35 cm	gauntlet, approx. 40 cm
<b>Standard</b>	EN 388 (2 1 2 1 X), EN ISO 374-1:2016 / Type A (J K N O P T)		
<b>Material</b>	cotton interlock, reinforced	cotton interlock, reinforced	cotton interlock, reinforced
<b>Coating</b>	fully coated with NBR special coating (nitrile rubber), approx. 0.50 mm	fully coated with NBR special coating (nitrile rubber), approx. 0.50 mm	fully coated with NBR special coating (nitrile rubber), approx. 0.50 mm
<b>Suitable for</b>	very good resistance to grease, mineral oils and many chemicals		
<b>Colour</b>	green	green	green
<b>Sizes</b>	8 to 11	8 to 11	8 to 11

uvex rubiflex S	NB60S	NB80S	NB60SZ	NB80SZ
<b>Art. no.</b>	89647	60190	89651	60191
<b>Design</b>	gauntlet, approx. 60 cm	gauntlet, approx. 80 cm	elastic collar at gauntlet end, approx. 60 cm	elastic collar at gauntlet end, approx. 80 cm
<b>Standard</b>	EN 388 (2 1 2 1 X), EN ISO 374-1:2016/Type B (J K O P T)			
<b>Material</b>	cotton interlock, reinforced	cotton interlock, reinforced	cotton interlock, reinforced	cotton interlock, reinforced
<b>Coating</b>	fully coated with special NBR coating (nitrile rubber), approx. 0.50 mm			
<b>Suitable for</b>	very good resistance to grease, mineral oils and many chemicals			
<b>Colour</b>	green	green	green	green
<b>Sizes</b>	9 to 11	9 to 11	9 to 11	9 to 11

# Chemical Risks

Safety gloves with cotton support: NBR coating



60961



60968

## uvex u-chem 3000

- full chemical protection glove, certified in line with EN 374 (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 u-chem 3100

- the perfect combination of chemical protection and grip
- very good mechanical protection
- comfortable fit due to seamless cotton liner
- good resistance to many chemicals
- very good grip in wet and oily conditions
- highly flexible

Areas of application:

- chemical industry
- automotive industry
- metal working
- mechanical industries, sand blasting



	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)
Material	cotton interlock
Coating	NBR (nitrile butadiene rubber), approx. 0.50 mm
Suitable for	good resistance to grease, mineral oils and many chemicals
Colour	green
Sizes	7 to 11

	uvex u-chem 3100
Art. no.	60968
Design	cuff, fully coated
Standard	EN 388 (4 1 2 1 X), EN ISO 374-1:2016 / Type A (A J K L M O)
Material	cotton (seamless)
Coating	NBR (nitrile butadiene rubber), approx. 0.50 mm
Suitable for	good resistance to grease, mineral oils and many chemicals
Colour	black
Sizes	8 to 10

# Chemical Risks

Safety gloves with cotton support: HPV\* coating



98897



MADE IN GERMANY



89675



MADE IN GERMANY

## uvex profatrol

- HPV chemical protection glove that is flexible at low temperatures and can be used in a range of fields
- good mechanical abrasion resistance thanks to the durable HPV coating
- good grip in damp and wet areas
- good resistance to many mineral oils, grease, acids and alkalis
- very good protection from mineral oils, grease, acids and alkalis

- ergonomic fit
- good wearer comfort with the cotton interlock supporting material
- highly flexible

Areas of application:

- chemical industry
- mineral oil industry
- shipping/logistics
- petrochemicals

uvex profatrol	PB27M	PB35M
<b>Art. no.</b>	98897	60192
<b>Design</b>	gauntlet, approx. 27 cm	gauntlet, approx. 35 cm
<b>Standard</b>	EN 388 (3 1 2 1 X), EN ISO 374-1:2016 / Type A (K L N O P T)	
<b>Material</b>	cotton interlock	cotton interlock
<b>Coating</b>	fully coated with high performance vinyl (HPV), approx. 0.50 mm	fully coated with high performance vinyl (HPV), approx. 0.50 mm
<b>Suitable for</b>	very good resistance to mineral oils, grease, acids and alkalis	very good resistance to mineral oils, grease, acids and alkalis
<b>Colour</b>	black	black
<b>Sizes</b>	9 to 11	9 to 11

## uvex profagrip

- HPV chemical protection glove with anti-slip granulation that is flexible at low temperatures and can be used in a range of fields
- good mechanical abrasion resistance thanks to the durable HPV coating
- very good grip in damp, wet and oily areas thanks to the additional granulation
- good resistance to many mineral oils, grease, acids and alkalis
- ergonomic fit

- good wearer comfort with the cotton interlock supporting material
- highly flexible

Areas of application:

- construction industry
- sewage works and sewers
- chemical industry
- disposal
- metal processing industry
- petrochemicals

uvex profagrip	PB27MG	PB35MG
<b>Art. no.</b>	89675	60193
<b>Design</b>	gauntlet, approx. 27 cm	gauntlet, approx. 35 cm
<b>Standard</b>	EN 388 (3 1 2 1 X), EN ISO 374-1:2016 / Type A (K L N O P T)	
<b>Material</b>	cotton interlock	cotton interlock
<b>Coating</b>	fully coated with high performance vinyl (HPV) and granulated, approx. 0.50 mm	fully coated with high performance vinyl (HPV) and granulated, approx. 0.50 mm
<b>Suitable for</b>	very good resistance to mineral oils, grease, acids and alkalis	very good resistance to mineral oils, grease, acids and alkalis
<b>Colour</b>	black	black
<b>Sizes</b>	9 to 11	9 to 11



# Chemical Risks

Safety gloves with flocked cotton liner: NBR/chloroprene



## uvex profastrong

- sensitive NBR chemical protection glove with flocked cotton
- outstanding mechanical abrasion resistance
- good grip in damp and wet areas thanks to the Grip structure in the palm
- 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 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



# Chemical Risks

## Unsupported safety gloves



EN ISO 374-1:2016/Type A  
ABIKLP  
EN 388:2016  
2120X

60949

MADE IN GERMANY

### uvex profabutyl

- chemical protection glove without stockinette made from butyl rubber
- good grip in damp and wet areas
- good resistance to polar bonds such as esters, ketones, aldehydes, amines and saturated saline solutions, plus acids and alkalis
- good fit
- highly flexible
- satisfies the requirements of DIN EN 16350:2014

Areas of application:

- chemical industry
- working in antistatic areas

	uvex profabutyl B-05R
<b>Art. no.</b>	60949
<b>Design</b>	gauntlet, rolled edge, approx. 35 cm
<b>Standard</b>	EN 388 (2 0 1 0 X), EN 374 (A B I K)
<b>Material</b>	without stockinette
<b>Coating</b>	seamlessly coated with bromobutyl (approx. 0.50 mm)
<b>Suitable for</b>	good resistance to polar bonds acids and alkalis
<b>Colour</b>	black
<b>Sizes</b>	7 to 11



EN ISO 374-1:2016/Type A  
AFKLMN  
EN 388:2016  
2120X

60957

MADE IN GERMANY

### uvex profaviton

- chemical protection gloves made from butyl rubber with Viton® outer layer
- good grip in damp and wet areas
- good resistance to aliphatic and aromatic hydrocarbons (e.g. hexane, benzene, toluene, xylene and others), halogenated hydrocarbons (e.g. trichloroethylene, perchloroethylene, dichloromethane and others) organic and inorganic acids (diluted to concentrated), as well as saturated saline solutions
- good fit
- highly flexible

Areas of application:

- chemical industry

	uvex profaviton BV-06
<b>Art. no.</b>	60957
<b>Design</b>	gauntlet, rolled edge, approx. 35 cm
<b>Standard</b>	EN 388 (2 1 2 0 X), EN ISO 374-1:2016/Type A (A F K L M N)
<b>Material</b>	without stockinette
<b>Coating</b>	seamlessly coated with bromobutyl (approx. 0.40 mm) and Viton® outer layer (approx. 0.20 mm)
<b>Suitable for</b>	good resistance to aliphatic and aromatic hydrocarbons, halogenated hydrocarbons
<b>Colour</b>	black
<b>Sizes</b>	8 to 11

# Chemical Risks

## Disposable safety gloves

The uvex u-fit product range, provides high-quality disposable safety gloves, which guarantee a high level of safety and functionality.

uvex u-fit gloves ensures reliable wearer protection throughout industry, including the chemical, medical, food and light industry sectors enabling comfortable and precise work.

uvex disposable safety gloves are available in four different materials to cater for a wide range of application areas:

uvex u-fit lite  
uvex u-fit  
uvex u-fit strong  
uvex u-fit strong N2000

	uvex u-fit lite	uvex u-fit	uvex u-fit strong	uvex u-fit strong N2000
Material	accelerator-free NBR (nitrile rubber)	NBR (nitrile rubber)	chloroprene	NBR (nitrile rubber)
	wall thickness 0.08mm	wall thickness 0.10mm	wall thickness 0.21 mm	wall thickness 0.20 mm
	silicone-free	silicone-free	silicone-free	silicone-free
	powder-free	powder-free	powder-free	powder-free
	no latex proteins	no latex proteins	no latex proteins	no latex proteins
Certification	EN 374	EN 374	EN ISO 374	EN ISO 374
	handling foodstuffs	handling foodstuffs	–	handling foodstuffs
Characteristics	high level of sensitivity	good mechanical abrasion resistance	optimum fit, long gauntlet	very good abrasion resistance
	hypo-allergenic	good chemical resistance (splashproof)	increased chemical resistance (splash-proof)	increased chemical resistance (splash-proof)
Handling	reinforced rolled edge – easy to put on	reinforced rolled edge – easy to put on	very elastic material – easy to put on	reinforced rolled edge – easy to put on



Please contact us if you require a copy of our complete resistance list.

Detailed information can also be found in the uvex Chemical Expert System online at <https://ces.uvex.de>

Area of application	uvex u-fit lite	uvex u-fit	uvex u-fit strong	uvex u-fit strong N2000
Precision assembly work, dry/oily	++	+	–	–
Assembly work, dry/oily	+	+	++	++
Product protection	++	++	+	+
Gentle cleaning	+	+	++	++
Inspection	++	++	+	+
Food handling	+	+	–	+
Chemicals	short-term work, in acc. with resistance list	short-term work, in acc. with resistance list	in acc. with resistance list	in acc. with resistance list
Paint shop	as splash protection	as splash protection	full contact in acc. with resistance list	full contact in acc. with resistance list

# Chemical Risks

## Disposable safety gloves



EN ISO 374-1:2016 / Type A  
K L M N P T

60953



EN ISO 374-1:2016 / Type A  
J K L O P S T

60962



### uvex u-fit strong

- reinforced and highly elastic disposable glove made from chloroprene (0.21 mm)
- adequate chemical protection certification as per EN ISO 374
- good mechanical resistance
- outstanding tactile feel
- extremely high flexibility due to the malleable material
- very good fit

#### Areas of application:

- precision assembly work
- inspection
- short periods handling chemicals
- gentle cleaning
- product protection

### uvex u-fit strong N2000

- reinforced disposable glove made from nitrile rubber (0.20 mm)
- for protection against many chemicals
- good grip
- outstanding tactile feel
- very high mechanical strength
- silicone-free according to imprint test

#### Areas of application:

- laboratories
- chemical industry
- precision assembly work
- painting work
- cleaning
- food industry

	uvex u-fit strong
<b>Art. no.</b>	60953
<b>Design</b>	textured fingertips, approx. 29 cm
<b>Standard</b>	EN ISO 374-1:2016/Type A (K L M N P T)
<b>Material</b>	without stockinette
<b>Coating</b>	chloroprene
<b>Suitable for</b>	good resistance to many chemicals
<b>Colour</b>	green
<b>Sizes</b>	XS to XL
<b>Contents</b>	box of 50

	uvex u-fit strong N2000
<b>Art. no.</b>	60962
<b>Design</b>	textured surface of fingertips, approx. 28 cm
<b>Standard</b>	EN ISO 374-1:2016/Type A (J K L O P S T)
<b>Material</b>	no lining
<b>Coating</b>	NBR (nitrile butadiene rubber)
<b>Suitable for</b>	good resistance to grease, mineral oils and many chemicals
<b>Colour</b>	blue
<b>Sizes</b>	S to XXL
<b>Contents</b>	box of 50



# Chemical Risks

## Disposable safety gloves



### uvex u-fit lite

- very light and thin NBR disposable glove (0.08 mm)
- good grip with the roughened fingertips
- good mechanical resistance
- reliable spray protection when handling chemicals such as acids, alkalis, solids or aqueous saline solutions
- silicone-free according to imprint test
- outstanding tactile feel
- very good fit
- extremely high flexibility
- accelerator-free

#### Areas of application:

- precision assembly work
- inspection
- short periods handling chemicals
- paint shop (as splash protection)
- food processing
- gentle cleaning
- product protection

	uvex u-fit lite
<b>Art. no.</b>	60597
<b>Design</b>	roughened fingertips, approx. 24 cm
<b>Standard</b>	EN 374
<b>Material</b>	without stockinette
<b>Coating</b>	NBR (nitrile rubber), approx. 0.08 mm
<b>Suitable for</b>	highly resistant to grease and oil
<b>Colour</b>	indigo blue
<b>Sizes</b>	S to XL
<b>Contents</b>	box of 100



### uvex u-fit

- thin and reliable NBR disposable glove (0.10 mm)
- good grip with the roughened surface
- very good abrasion resistance
- reliable spray protection when handling chemicals such as acids, alkalis, solids or aqueous saline solutions
- silicone-free according to imprint test
- outstanding tactile feel
- very good fit
- extremely high flexibility

#### Areas of application:

- precision assembly work
- inspection
- short periods handling chemicals
- paint shop (as splash protection)
- food processing
- gentle cleaning
- product protection

	uvex u-fit
<b>Art. no.</b>	60596
<b>Design</b>	roughened surface, approx. 24 cm
<b>Standard</b>	EN 374
<b>Material</b>	without stockinette
<b>Coating</b>	NBR (nitrile rubber), approx. 0.10 mm
<b>Suitable for</b>	highly resistant to grease and oil
<b>Colour</b>	blue
<b>Sizes</b>	S to XL
<b>Contents</b>	box of 100



# Safety Gloves

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60022	uvex synexo M500	7 to 11	yellow, black	163
60040	uvex phynomic lite	5 to 12	grey, grey	146
60041	uvex phynomic lite w	5 to 12	white, white	146
60049	uvex phynomic allround	5 to 12	grey, black	147
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60054	uvex phynomic x-foam HV	6 to 12	orange, grey	147
60060	uvex phynomic wet	6 to 12	blue, anthracite	148
60061	uvex phynomic wet plus	6 to 12	blue, anthracite	148
60062	uvex phynomic pro	6 to 12	blue, anthracite	149
60070	uvex phynomic XG	6 to 12	black, black	148
60080	uvex phynomic C3	6 to 12	sky blue	162
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60122	uvex profastrong NF33	7 to 10	green	181
60147	uvex profi ergo ENB20A	6 to 11	white, orange	157
60148	uvex profi ergo ENB20	6 to 10	white, orange	157
60150	uvex contact ergo	6 to 10	white, orange	156
60179	uvex k-basic extra 6658	8, 10, 12	yellow	159
60190	uvex rubiflex S NB80S	9 to 11	green	178
60191	uvex rubiflex S NB80SZ	9 to 11	green	178
60192	uvex profatrol PB35M	9 to 11	black	180
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60201	uvex rubipor ergo E5001 B	6 to 10	white, blue	152
60202	uvex NK4022	9 to 10	orange	159
60208	uvex profi ergo XG20	6 to 11	white, orange, black	157
60213	uvex NK21 42	9 to 10	orange	159
60224	uvex rubiflex S NB35B	7 to 11	blue	177
60234	uvex rubipor ergo E2001	6 to 10	white, orange	152
60235	uvex rubiflex NB35	7 to 11	orange	158
60248	uvex unipur 6639	6 to 11	black, black	154
60271	uvex rubiflex S NB27B	7 to 11	blue	177
60276	uvex rubipor XS2001	6 to 10	white, white	152
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60499	uvex C500 dry	7 to 11	lime, anthracite	168
60516	uvex unidur 6649	7 to 11	mottled grey, grey	169
60535	uvex protector chemical NK21 45B	9 to 10	blue	170
60536	uvex protector chemical NK4025B	9 to 10	blue	170
60556	uvex unipur carbon	6 to 10	grey	153
60557	uvex rubiflex S XG35B	7 to 11	blue, black	177

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60592	uvex unilite thermo plus	7 to 11	black	158
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60595	uvex profatherm XB40	11	white	159
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60598	uvex synexo impact	7 to 11	yellow, black	163
60600	uvex C500 XG	7 to 11	lime, anthracite	167
60604	uvex D500 foam	7 to 11	lime, anthracite	166
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98897	uvex profatrol PB27M	9 to 11	black	180
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# uvex profi system construction

**The safety challenges in the construction industry are diverse and exist in all activity phases from preparatory site work and build to fit-out. To achieve great results each party involved must work in flawless synergy with its counterparts and the same is true for a complementary range of personal protective equipment.**

From its wide range, uvex has selected over 150 innovative safety products for the construction industry, each of which has been designed to meet the specific needs of wearers. Grouped into 12 distinct product categories, the uvex profi system construction provides leading edge solutions for wearer needs across a broad spectrum of applications. Optimum protection, value and wearability from uvex.



All products accompanied by this symbol are ideal for use in the construction industry. Further information can be found on the relevant product pages.



## Professional protection for construction professionals

Falling debris? Unstable ground? Abrasive material handling? Airborne dust? uvex provides optimum solutions for multiple head to toe applications. The safety experts at uvex understand the needs of the construction industry and can provide the clear advice to help our customers select the right PPE.

uvex pheos IES



uvex pheos cx2



uvex phynomic XG



uvex 2





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## uvex Safety Eyewear

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