

# uvex



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protecting people



# Innovation is the most important part of our company's DNA

Dear customers,

protecting people is our primary goal. We are driven by the desire to create products and services that afford you the maximum level of safety in the workplace. Each and every employee at the uvex safety group works tirelessly – day in, day out – to meet and even exceed your expectations of us and our products.

Innovation is a key factor to achieving this goal in all areas of our business.

We develop products that set new benchmarks in functionality and often go beyond the requirements of the relevant safety standard. We carry out extensive fundamental research across our range of products, which enables us to create the basis for new technologies, manufacturing processes and materials.

As a manufacturer, we can influence the entire value creation chain and we are constantly optimising our production processes. This makes it possible for us to develop and implement innovative sustainability concepts in all areas of our company.

Another key focus of our innovation strategy is digitalising our company and our services. In addition to expanding our digital business processes and developing our online expertise, we are focusing on designing entirely new product concepts in wearable technology. Through intelligent product and service solutions, we provide comprehensive support that can be individually tailored to optimise the safety of your employees.

We make every effort to ensure that the uvex safety group is – and will always be – a competent and trustworthy partner when it comes to the safety of your employees. It is our pleasure to assist you with the important task of protecting people.

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

Stefan Brück (CEO)  
Stefan Wehner  
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, offering our entire product and service portfolio.

## Innovation

Always including customer requirements and investing in innovative production and process technologies, 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.

## 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.

## Digital transformation

supports our existing core competences, creates additional customer value, facilitates the development of new business models (second speed, separate, independent business units) 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.

## 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 and increasingly digital group of companies. We support the cultural change in the context of digital transformation.

## The winner’s podium

is our ultimate target.





# protecting people – our mission and responsibility



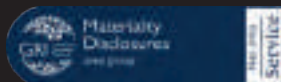
## “Made in uvex”

The sustainability goals of uvex cover the topics of ecology, economy, working conditions and human rights, employees and society, as well as products. A particular focus area is the expansion and modernisation of production facilities owned by uvex. When customers choose an uvex product, they are choosing the “Made in uvex” principle.

“Made in uvex” represents the company’s focus on the production facilities it owns and the many years of fruitful collaboration it has enjoyed with strategic partners, many of whom are located in Germany and across Europe. As a result, we are either responsible for the entire value creation chain or we can have a considerable influence over it – from product conception and development through production and finally to sales.



Watch our film now:  
**“protecting people  
– our mission,  
responsibility and  
commitment”**



**For more information,**  
please refer to the uvex group's sustainability report, which has been prepared in accordance  
with GRI standards: [uvex-group.com/en/responsibility](http://uvex-group.com/en/responsibility)



“ For over 90 years, we have been producing and distributing high-quality products to protect people in sports, leisure and at work. Any company wanting to protect people must accept the responsibility that comes with it. It is exactly this mission that instils our commitment to work sustainably and with social responsibility. ”

Michael Winter, Managing Partner of the uvex group

## uvex is committed to CO<sub>2</sub>-neutral growth

One of the company's most ambitious targets relates to CO<sub>2</sub> emissions – it is aiming to achieve CO<sub>2</sub>-neutral growth over the next few years. The fact that the uvex safety group has already been able to reduce its CO<sub>2</sub> emissions by almost a quarter in the last three years only serves to show that achieving this objective is not just a vision for the future. In some plants, emissions have been reduced significantly further: uvex safety gloves in Lüneburg, Germany, has reduced its CO<sub>2</sub> emissions by 63% since 2016. At the plant in Fürth, Germany, emissions from the production of safety spectacles have been reduced by 40% over the same time period.

### uvex Arbeitsschutz, Fürth (Germany)

- construction of a new recycling centre in preparation for the introduction of DIN EN ISO 14001
- installation of a CO<sub>2</sub>-reducing lighting system
- installation of innovative and resource-efficient flood cells for coating spectacle lenses
- certification of the energy management system in accordance with DIN EN ISO 50001

### uvex safety gloves, Lüneburg (Germany)

- certification of the environmental management system in accordance with DIN EN ISO 140001
- waste management (target of 98% separate collection rate)
- conversion of the shock dryer to gas operation
- certification of the energy management system in accordance with DIN EN ISO 50001

### uvex safety Cagi, Ceva (Italy)

- certification of the environmental management system in accordance with DIN EN ISO 140001
- PUR Waste Offensive – project to promote recycling and cut polyurethane waste (recycling target of 35%)



# uvex profisystem construction

**There is a range of challenges which must be faced in the construction industry, with tasks ranging from preparatory site works and civil engineering to building installation and interior fitting. To achieve optimal results, everyone involved must work in flawless synergy with each other – as must all items of personal protective equipment.**



uvex has developed and selected over 150 innovative PPE products for the construction industry, all of which are designed to meet the specific needs of the sector. With 12 product categories, the uvex profi system construction provides the perfect solutions for all areas of application, offering the wearer maximum safety, functionality and wearer comfort.



**uvex occupational safety shop for  
professionals**

Discover the complete range of PPE and numerous other products that have been specially designed for the construction industry in the uvex occupational safety shop for business customers:

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







## Professional protection for construction professionals

Extreme noise? Dangerous sparks? Hazardous residual contamination? uvex has the right solution for any application – providing professional protection from head to toe. The safety experts at uvex understand the needs of the construction industry and can provide clear advice to help our customers select the right PPE.



All products accompanied by this symbol are ideal for use in the construction industry.

# Outstanding. In innovation and design.

**The uvex brand has an outstanding reputation worldwide and has received countless national and international prizes for first-class performance.**



Deutsche Standards named uvex a brand of the century, with its innovative safety eyewear representing an entire category of products in 2016.

uvex pheos cx2 safety spectacles won the German Innovation Award in 2018 – this prestigious prize focuses on the people whose future will be positively influenced by the award-winning products.

As one of the most innovative SMEs in Germany, uvex has also been awarded the TOP 100 quality seal on a number of occasions.

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.





**Winner 2019:** uvex 1 sport  
uvex suXXeed  
collection

**Nominee 2019:** uvex x-fit pro  
uvex x-fit

**Winner 2018:** uvex pheos cx2  
uvex sportsline

**Winner 2017:** uvex professional  
metal processing  
system

**Special 2016:** uvex 2 VIBRAM  
(6502, 6503)



**Best product 2018:**  
uvex x-fit pro

**Best product 2017:**  
uvex 2

**Best workwear brand 2017:**  
uvex workwear  
uvex suXXeed



**2018**  
**Quality, design and functionality:**  
uvex x-fit pro

**2017**  
**Quality, design, functionality  
and ergonomics:**  
uvex suXXeed

**2016/2017**  
**Innovation, quality, design,  
functionality and ergonomics:**  
uvex 2



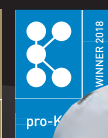
**Winner 2018:**  
uvex pheos cx2 — presented with the  
German Innovation Award 2018



**Winner 2018:** uvex 1 sport  
**Winner 2016:** uvex pheos cx2



**Winner 2018:** uvex x-fit pro  
uvex x-fit  
uvex 1 sport  
**Gold 2016:** uvex 2 VIBRAM  
(6502, 6503)



**Winner 2018:** uvex perfeXXion  
**Winner 2017:** uvex pheos cx2  
**Gold 2016:** uvex pheos  
helmet system

uvex



# uvex safety + uvex sports. One brand. One mission.



**uvex products protect people at work, in sport and for leisure. As a partner of international top-level sport, uvex equips over 1000 professional athletes worldwide, 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 is evident in our supravision coating technology, for example, which is used equally by both uvex safety and uvex sports. This unique coating ensures maximum anti-fogging properties on sports goggles and safety spectacles, enabling the wearer to put in their very best performance at work or at play.





Safety Eyewear



# Focus on innovation and quality

uvex eye protection centre of expertise

Whether you need safety glasses, goggles, prescription spectacles or laser protection eyewear: In Fürth, Bavaria, uvex develops and produces innovative safety eyewear that meets the highest quality standards. erfüllen.

The uvex plant is certified in accordance with ISO 9001:2015 and ISO 50001:2011, and uses state-of-the-art technology together with close collaboration with strategic partners to develop pioneering technologies.

## Because "standard" is not enough

All uvex industrial safety eyewear undergoes stringent testing in our own test centre. As well as satisfying national and international safety standards, every uvex product must fulfil the exacting uvex standards that measure functionality, ergonomics, durability and wearer comfort.

Innovative coating technologies are one of uvex's core competencies, resulting in first-class, highly practical industrial safety eyewear that are perfectly equipped for their intended area of use.



## New: uvex i-5 and uvex megasonic

Examples of such innovation include the new uvex i-5 and uvex megasonic, which were presented for the first time at the A+A 2019 trade fair. You can find more information about our products on pages 46 and 47.

Only when a product fulfils all the requirements  
of the applicable standards  
does it earn the uvex name.





# Perfect vision for maximum safety

uvex coating expertise



## **The quality of the lens coating: an absolutely crucial element of safety eyewear**

Looking through lenses that are fogged up, scratched or dirty significantly increases the risk of accidents during the work day. uvex has been synonymous with pioneering coating technologies for decades: In our centre of expertise in Fürth, we develop and produce innovative lenses and coatings for a multitude of applications.

## **Two sides of the lens – two sets of requirements**

The unique manufacturing process makes the difference: Unlike conventional processes, the unique uvex process applies different coatings to either side of the lens.

## **Knowing and exceeding the standard**

Standard safety eyewear combines anti-fog and scratch-resistance properties on both sides of the lens – at the expense of optimum performance. Scratch resistance is limited and regular cleaning of the safety eyewear completely removes the anti-fog performance over time, rendering the eyewear ineffective and unusable.

## **Perfect performance at all times**

The performance and durability of uvex eyewear coatings, by contrast, last for the life of the product and take into consideration the varying workplace environments, resulting in a range of coatings that enhances the wearer experience (see following pages).

For example, at uvex, an unbeatably hard and easy-to-clean, scratch-resistant coating can be applied to the outside of the lens, which is prone to getting scratched and becoming dirty. The coating for the inside of the lens, meanwhile, has a long-lasting anti-fog effect, which remains permanently on the lens – meaning it stays put for the life of the product with no drop in performance, even after repeated cleaning.

**The result is safety eyewear that is functional, durable and comfortable – for all-day clear vision and maximum safety.**

## dry 0% RH



### uvex supravision excellence

- uvex has a unique process of applying different coatings to each side of the lens, allowing them to perform at maximum efficiency
- the outside of the lens, which is prone to dirt and abrasion, has an extremely scratch- and chemical-resistant coating
- highly effective anti-fog coating on the inside of the lens where it is needed most
- anti-fog properties are permanent and won't wash off, even after repeated cleaning
- areas of application: suitable for a wide range of workplace applications

## cold -20°C



-10°C

-5°C

### uvex supravision plus

- permanent anti-fog and scratch-resistant coating applied to both sides of the lens
- anti-fog properties are permanent and won't wash off, even after repeated cleaning
- areas of application: environments with frequent temperature and humidity fluctuations

### 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.

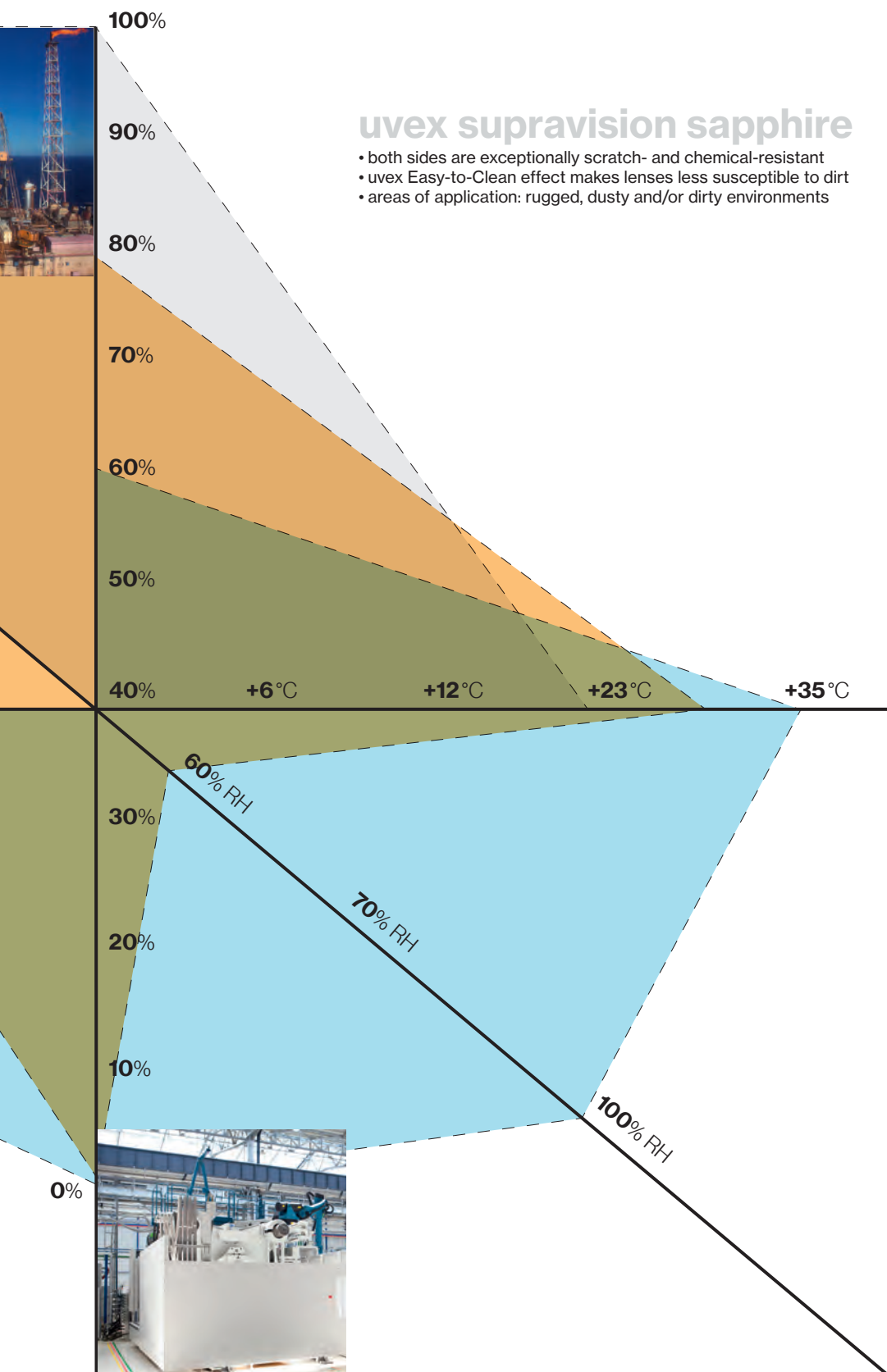


# Coating technology

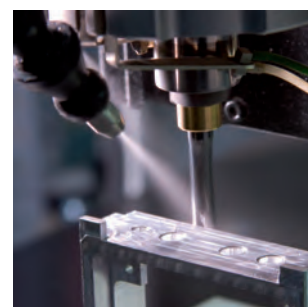
dirty

## uvex supravision sapphire

- both sides are exceptionally scratch- and chemical-resistant
- uvex Easy-to-Clean effect makes lenses less susceptible to dirt
- areas of application: rugged, dusty and/or dirty environments



hot +35°C



wet 100% RH

clean

## Special coatings



### **uvex supravision extreme**

The lenses have a scratch-resistant coating on the outside and a highly effectively anti-fog coating on the inside. The inside of the lenses will not fog up as the coating never reaches the point of saturation. The anti-fog properties are permanent and won't wash off, even after repeated cleaning. Suitable for workplaces with prolonged exposure to high levels of condensation and dirt.



### **uvex supravision ETC (extreme temperature conditions)**

Coated lenses will not fog up, as the coating never reaches the point of saturation. The anti-fog properties are permanent and won't wash off, even after repeated cleaning. Suitable for workplaces that are subjected to frequent temperature and humidity fluctuations.



### **uvex supravision variomatic**

Lenses contain self-tinting filters that react when exposed to UV radiation. Lenses automatically darken within 10 seconds and lighten within 30 seconds when UV light is reduced. Featuring uvex's proven supravision excellence technology (highly effective anti-fog coating on the inside of the lens and extremely scratch-resistant coating on the outside). 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 15 to 20 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.

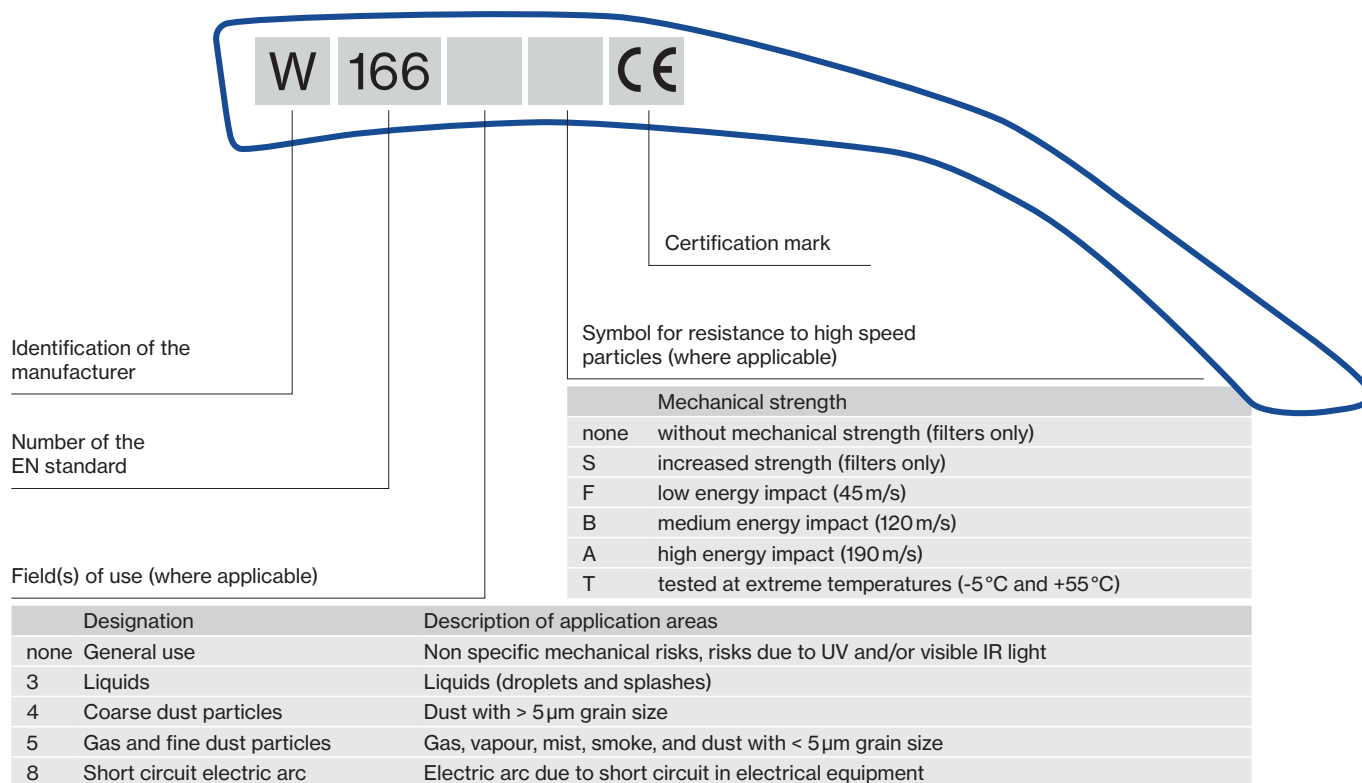
### **uvex infradur plus**

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

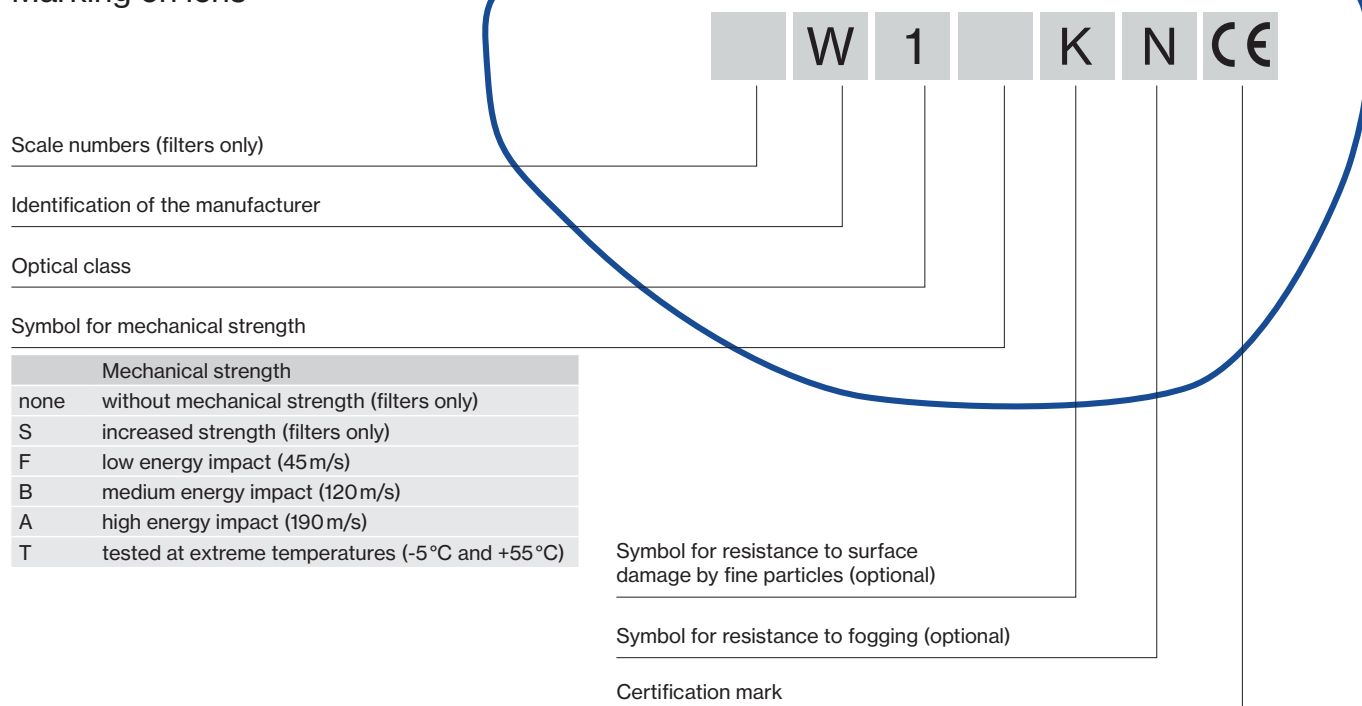


# Labelling and norms

## Marking on frame



## Marking on lens



# Lens tinting

A lens solution for every light environment



## CLEAR

Protection: UV400  
UV/markings: 2(C)-1.2  
Transmission: approx. 91%  
Standards: EN 166, EN 170

**Anti-glare mechanical hazard**  
protection



## AMBER

Protection: UV400  
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: UV400  
Markings: 5-1.4  
Transmission: 65%  
Standards: EN 166, EN 172

Protection **offering relaxing,**  
**focused vision**

uvex sportstyle (p. 29)  
uvex pheos cx2 (p. 30)  
uvex super f OTG (p. 45)  
uvex pheos cx2 sonic (p. 48)



## AR (anti-reflective)

Protection: UV400  
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 (p. 29)  
uvex i-3, uvex i-3 s (p. 34, 35)

tint with glare protection not necessary



74–100%  
transmission



58–80%  
transmission



# Lens tinting



## BROWN

Protection: UV400  
Marking: 5-2.5  
Transmission: 20%  
Standards: EN 166, EN 172

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

uvex i-vo (p. 39), uvex skyper (p. 40), uvex ultrasonic (p. 51)



## POLAVISION

Protection: UV400  
Marking: 5-3.1  
Transmission: 14%  
Standards: EN 166, EN 172

**Reduction** of irritating surface reflection by **filtering scattered light**  
uvex polavision (p. 43)

tint with contrast adjustment recommended



## SILVER MIRROR 53%

Protection: UV400  
Marking: 5-1.7  
Transmission: 53%  
Standards: EN 166, EN 172

Protection in **changing light conditions**  
uvex pheos/uvex pheos s (p. 31, 32)



## SILVER MIRROR 12%

Protection: UV400  
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. 34)  
uvex pheos cx2 (p. 30)  
uvex sportstyle (p. 29)

tint with contrast adjustment not necessary



## GREY 23%

Protection: UV400  
Marking: 5-2.5  
Transmission: 23%  
Standards: EN 166, EN 172

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



## GREY 14%

Protection: UV400  
Marking: 5-3.1  
Transmission: 14%  
Standards: EN 166, EN 172

Protection against **natural glare** with **signal colour recognition**  
uvex astrospec 2.0 (p. 36)  
uvex u-sonic (p. 49)

tint with contrast adjustment not necessary

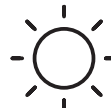
tint with glare protection recommended



43-58%  
transmission



18-29%  
transmission



8-18%  
transmission

## uvex UV400

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

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



**“The reasons why the WHO recommends UV400 protection are clear. The outer tissues of the eye, cornea and lens fully absorb UV light. While UVB light primarily damages the genetic material, UVA rays penetrate deeper, cause thermal damage and magnify the effects of UVB light.”**

Univ.-Prof. Dr. rer. nat. Olaf Strauß



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

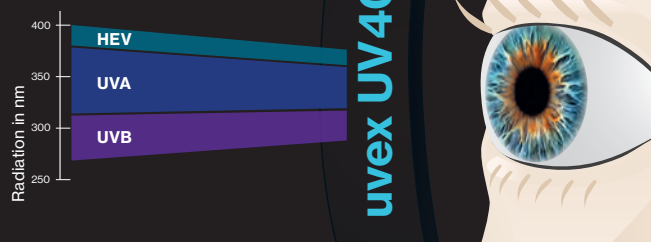
Whether you choose clear or tinted lenses, all uvex safety spectacles are equipped with uvex UV400 effective UV protection as standard – as well as pleasant wearer comfort, a sporty design and top-quality lens coatings.

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

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

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

For the eye and surrounding skin



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

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

uvex safety eyewear,  
100% safety.





# uvex CBR65

Fatigue-free, comfortable vision

## Preventive protection against blue light

The properties of uvex CBR65 lens technology are significantly different to those of uvex UV400.

uvex CBR65 blocks 100% of UV rays and filters high-energy visible light (HEV) – which causes particular strain on the retina in the range from 380 nm to 450 nm – by up to 50%. Above the 450 nm range, only 60–70% of light can reach the retina.

## Contrast

### Contrast enhancement

Better contrast for clearer vision, helping to reduce strain on the eyes – even in diffused light.

## Bluelight reduction

### Blue light reduction

In workplaces with extremely harsh lighting conditions, blue light is reduced by up to 50%.

## Relaxed vision

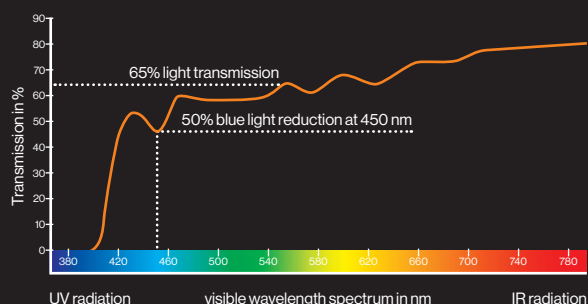
### Relaxed vision

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

## 65% transmission

### Slight tint

Provides protection against glare even in extremely bright artificial light or natural light.



Strain on the eye caused by blue light has increased enormously as a result of intensive use of electronic devices (PCs, smartphones, tablets, LED TVs, etc.) and the switch from incandescent light bulbs to LEDs. The short-term effects of this include eye strain, headaches or poor concentration, while in the long term there is an increased risk of age-related macular degeneration.

uvex CBR65 reliably protects the eye against health risks without disrupting the body's internal clock.

For more information, visit  
[uvex-safety.com/en/product-group/uvex-cbr65/](http://uvex-safety.com/en/product-group/uvex-cbr65/)



9193064



9198064



9169164



9309064



Art. no.	uvex sportstyle CBR65	uvex pheos cx2 CBR65	uvex super f OTG CBR65	uvex pheos cx2 sonic CBR65
Version	9193064	9198064	9169164	9309064
Standard	uvex supravision extreme	uvex supravision excellence	uvex supravision excellence	uvex supravision extreme
Frame	sun protection	sun protection	sun protection	sun protection
Lens	EN 166, EN 172	EN 166, EN 172	EN 166, EN 172	EN 166, EN 172
Weight	white, black	white, black	black, white	white, black
Order quantity multiples	W 166 FT CE	W 166 FT CE	W 166 F CE	W 166 34 BT CE
	PC CBR65	PC CBR65	PC CBR65	PC CBR65
	UV400	UV400	UV400	UV400
	5-1,4 W1 FTKN CE	5-1,4 W1 FTKN CE	5-1,4 W1 FTKN CE	5-1,4 W1 BTKN CE
	23 g	28 g	39 g	34 g
	5 PC	5 PC	5 PC	5 PC



**uvex**

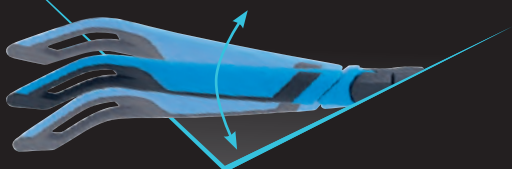
## uvex i-5

detailed – modern – trusted

Reliable protection thanks to the innovative and modern design: with its x-tended eyeshield and sideshield, the uvex i-5 can be relied on to protect the eyes in any situation. Sophisticated features ensure superior wearer comfort even during long periods of use.



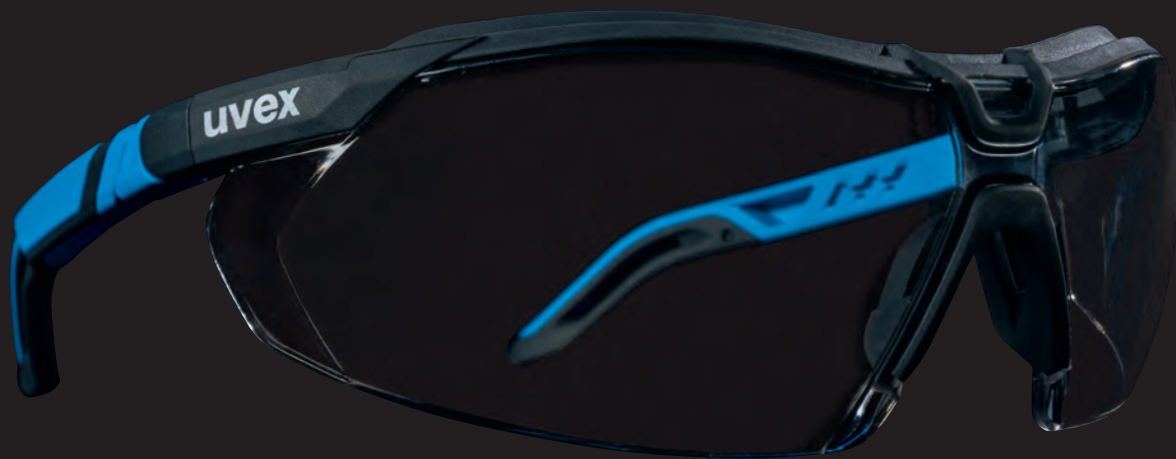
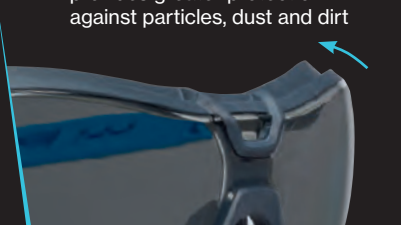
**Three-stage inclination**  
allows easy adjustment  
to any facial shape



**x-tended sideshield**  
provides optimum protection  
around the sides of the eyes



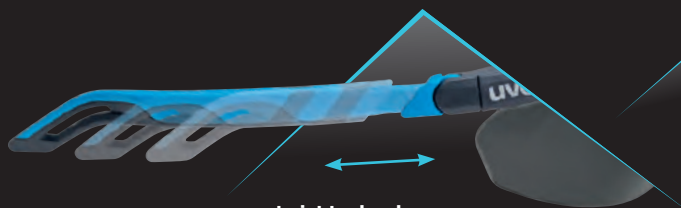
**x-tended eyeshield**  
provides greater protection  
against particles, dust and dirt



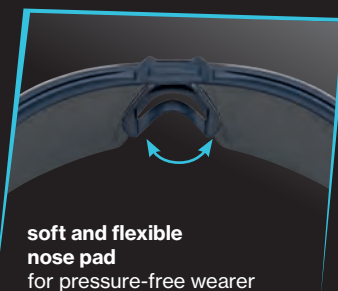
**uvex supervision**  
coating technology



**x-twist technology**  
for flexible and comfortable  
adjustment to any head shape



**soft and flexible  
nose pad**  
for pressure-free wearer  
comfort and a non-slip fit



**MADE IN GERMANY** 

# Safety Spectacles

uvex i-5



9183265



9183281



Further information can be found at  
[uvex-safety.com/en/i5](https://uvex-safety.com/en/i5)  
(or scan the QR code).

## uvex i-5

- soft, flexible nose pad for maximum comfort and a non-slip fit
- x-tended eyeshield provides additional protection from flying particles, dust and dirt
- x-tended sideshield for increased side protection
- 3-position side arm inclination adapts easily to any facial shape
- soft, extendable x-twist side arm technology offers adaptable, pressure-free comfort and a stable, non-slip fit
- soft side arm ends ensure a pressure-free and non-slip fit
- with proven uvex supravision lens coating technology
- metal-free

uvex i-5		
Art. no.	9183265	9183281
Version	uvex supravision excellence	uvex supravision excellence
Standard	EN 166, EN 170	sun protection
Frame	anthracite, blue	EN 166, EN 172
	W 166 FT CE	anthracite, lime
Lens	PC clear	W 166 FT CE
	UV400	PC grey 23%
	2C-1,2 W1 FTKN CE	UV400
Weight	29 g	5-2,5 W1 FTKN CE
Order quantity multiples	5 PC	29 g
		5 PC

**uvex**

## uvex x-fit pro

wearer comfort is clear to see

Optimally protected and perfectly equipped for almost every application: the uvex x-fit range of safety spectacles can be individually adjusted to meet your requirements. For greater safety and performance.



### proErgo | uvex Comfort Slider

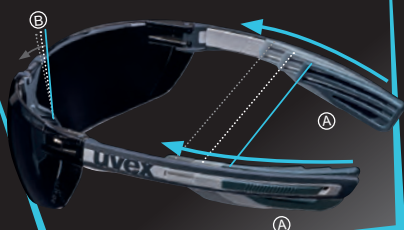
The flexible inclination of the side arms adapts ergonomically to all facial shapes – for optimum fit. Sliding the uvex Comfort Slider (A) adjusts the angle of the lens inclination (B).

### uvex x-fit lens geometry

The innovative lens geometry ensures optimum fit. The x-design of the lens ensures additional stability – for full protection.

### proGrip | uvex headband

The continuously adjustable, metal-free headband holds the safety spectacles securely in place. (art. no. 9958023)



Functional accessories can be simply hooked onto the intelligent side arm system

### proComfort | uvex nose piece and side arms

The soft nose piece of the striking x-design offers maximum wearer comfort even when worn for extended periods of time.

**uvex high-performance lens coating**  
uvex supravision coating technology with permanent anti-fog coating on the inside of the lens and scratch resistant outside ensures a perfect view.

### proLux | uvex LED mini light

The bright, adjustable LED light ensures optimum vision even under poor light conditions. (art. no. 9999100)

### proFix | uvex side arm system

Thanks to uvex duo component technology that combines hard and soft materials including the elastic side arms, ensures a pressure-free fit.

**MADE IN GERMANY**



# Safety Spectacles

uvex x-fit pro



9199005



9199247



9199245



9199240



9199277



9199276



9999100



9958023



## uvex x-fit pro

- Safety spectacles with a modern look
- innovative hinged side arm design
- soft nose piece with x-design for maximum wearer comfort
- elastic side arms ensure a pressure-free fit thanks to uvex duo component technology
- uvex Comfort Slider for flexible inclination of the side arms
- optimum fit thanks to innovative lens geometry
- flexible modular system allows attachment of functional accessories metal-free

### Accessories:

- uvex LED mini light: bright, adjustable LED light with matching left or right adapter to be attached on uvex x-fit and x-fit pro side arms, batteries: four button cells, type L736F
- uvex x-fit headband: can be adapted on uvex x-fit and x-fit pro models

uvex x-fit pro						
Art. no.	9199005	9199247	9199245	9199240	9199277	9199276
Version	uvex supravision sapphire	uvex supravision excellence without sliders	uvex supravision excellence	uvex supravision excellence contrast-enhancing	uvex supravision excellence sun protection, without sliders	uvex supravision excellence sun protection
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172	EN 166, EN 172
Frame	white, anthracite	blue, anthracite	blue, anthracite	yellow, anthracite	anthracite, light grey	anthracite, light grey
Lens	PC clear	PC clear	PC clear	PC amber	PC grey 23%	PC grey 23%
	UV400	UV400	UV400	UV400	UV400	UV400
	2C-1,2 W1 FTK CE	2C-1,2 W1 FTKN CE	2C-1,2 W1 FTKN CE	2C-1,2 W1 FTKN CE	5-2,5 W1 FTKN CE	5-2,5 W1 FTKN CE
Weight	28 g	24 g	28 g	28 g	24 g	28 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC	5 PC	5 PC

uvex mini LED light		uvex x-fit pro Headband	
Art. no.	9999100	Art. no.	9958023
Version	including 2 adapters (left and right)	Version	for attaching on uvex x-fit and x-fit pro, metal-free
Colour	Adapter+housing: black	Colour	black
	Light: white		
Order unit	PC	Order quantity multiples	5 PC

MADE IN GERMANY

**uvex**

## uvex x-fit

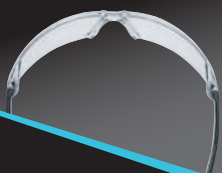
Stability through x-design

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

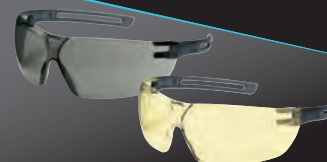


**x-design**  
for stability



**uvex supravision coating technology**

**UV400 protection**  
also available in an amber lens  
or as a sunglare filter lens



**MADE IN GERMANY** 

# Safety Spectacles

uvex x-fit



9199085



9199265



9199123



9199286



9199280



9958024

## uvex x-fit

- classic safety spectacles with optimum fit
- lightweight at just 23 grams
- uvex supravision coating technology
- innovative hinged side arm design with option of attaching the uvex Comfort Slider for an optimum fit
- metal-free

uvex x-fit					
Art. no.	9199085	9199265	9199123	9199286	9199280
Version	uvex supravision sapphire	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence contrast-enhancing	uvex supravision excellence sunglare filter
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172
Frame	grey translucent W 166 FT CE	blue translucent W 166 FT CE	pink translucent W 166 FT CE	grey translucent W 166 FT CE	grey translucent W 166 FT CE
Lens	PC clear UV400 2C-1.2 W1 FTK CE	PC clear UV400 2C-1.2 W1 FTKN CE	PC clear UV400 2C-1.2 W1 FTKN CE	PC amber UV400 2C-1.2 W1 FTKN CE	PC grey 23% sunglare filter UV400 5-2.5 W1 FTKN CE
Weight	23 g	23 g	23 g	23 g	23 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC	5 PC

uvex Comfort Slider	
Art. no.	9958024
Version	for attaching to uvex x-fit and x-fit pro side arms
Colour	anthracite
Order unit	BG
Content	5 Pair

MADE IN GERMANY



## uvex safety eyewear

Also ideal for narrow faces

The geometries of our spectacles are as different as the faces of the people who wear them. The products in this range can be worn by anyone, but are particularly suitable for people with narrow faces.

Their optimal fit and the fact that they can be adjusted mean that these safety spectacles fit different head shapes perfectly, providing the wearer with the best possible protection from particles, sparks or dust.

uvex has a range of safety eyewear  
to meet every need —  
including those  
with narrower faces.

uvex spectacles:



uvex i-3 s 9190



uvex pheos s 9192



uvex sportstyle 9193



uvex i-works 9194



uvex pheos cx2 9198



uvex x-fit 9199

uvex goggles:



uvex pheos s guard 9192



uvex carbonvision 9307



uvex u-sonic 9308



uvex pheos cx2 sonic 9309



# Safety Spectacles

uvex sportstyle



9193080



9193265



9193376



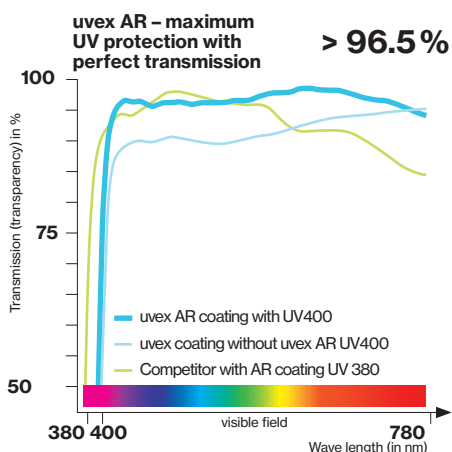
9193838



9193064



9193280



9193885



9193880

## uvex sportstyle

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

uvex sportstyle								
Art. no.	9193280	9193265	9193376	9193838	9193064	9193280	9193885	9193880
Design	uvex supravision extreme	uvex supravision excellence	uvex supravision extreme	uvex supravision AR super anti-reflective lenses	uvex supravision extreme	uvex supravision extreme	AF on the inside sun protection, silver mirror	uvex supravision variomatic self-tinting lenses
Standard	EN 166, EN 172	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172	EN 166, EN 172	EN 166, EN 172	EN 166, EN 170
Frame	white, black	black, lime	black, petrol	black, blue	white, black	white, black	black, grey	black, anthracite
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	W 166 FT CE
	PC grey 23%	PC clear	PC clear	PC clear	PC CBR65	PC grey 23%	PC silver mirror, grey	PC light green
	UV400	UV400	UV400	UV400	UV400	UV400	UV400	UV400
	5-2.5 W1 FTKN CE	2C-1.2 W1 FTKN CE	2C-1.2 W1 FTKN CE	2C-1.2 W1 FT CE	5-1.4 W1 FTKN CE	5-2.5 W1 FTKN CE	5-3,1 W1 FTN CE	2-1.2 W1 FTKN CE
Weight	23 g	23 g	23 g	23 g	23 g	23 g	23 g	23 g
Order quantity multiples/	5 PC	5 PC	5 PC	5 PC	5 PC	5 PC	5 PC	PC
Order unit								

MADE IN GERMANY

# Safety Spectacles

uvex pheos cx2



9198275  
9198257



9198258



9198261  
9198256



9198285



9198064



9198237



9198885

## uvex pheos cx2

- x-branded safety spectacles with a modern, sporty design
- comfortable protection with the x-tended eyeshield
- 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
- can easily be combined with other PPE
- uvex supravision coating technology

► Also available as wide-vision goggles (see page 48)



uvex pheos cx2					
Art. no.	9198275	9198257	9198258	9198256	9198261
Version	uvex supravision sapphire	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence	uvex supravision extreme
Standard Frame	EN 166, EN 170 blue, grey W 166 FT CE	EN 166, EN 170 blue, grey W 166 FT CE	EN 166, EN 170 red, grey W 166 FT CE	EN 166, EN 170 black, light blue W 166 FT CE	EN 166, EN 170 black, light blue W 166 FT CE
Lens	PC clear UV400 2C-1.2 W1 FTK CE	PC clear UV400 2C-1.2 W1 FTKN CE	PC clear UV400 2C-1.2 W1 FTKN CE	PC clear UV400 2C-1.2 W1 FTKN CE	PC clear UV400 2C-1.2 W1 FTKN CE
Weight	28 g	28 g	28 g	28 g	28 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC	5 PC

uvex pheos cx2				
Art. no.	9198285	9198064	9198237	9198885
Version	uvex supravision excellence contrast-enhancing	uvex supravision excellence sunglare filter	uvex supravision excellence sunglare filter	AF on the inside sunglare filter silver mirror
Standard Frame	EN 166, EN 170 black, yellow W 166 FT CE	EN 166, EN 172 white, black W 166 FT CE	EN 166, EN 172 white, black W 166 FT CE	EN 166, EN 172 blue, grey W 166 FT CE
Lens	PC amber UV400 2C-1.2 W1 FTKN CE	PC CBR65 UV400 5-1.4 W1 FTKN CE	PC grey 23% UV400 5-2.5 W1 FTKN CE	PC silver mirror, grey UV400 5-3.1 W1 FTKN CE
Weight	28 g	28 g	28 g	28 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC

**MADE IN GERMANY** 



# Safety Spectacles

uvex pheos



## 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 104



product  
design award



German  
Design Award

2012 ■ WINNER 2013

uvex pheos					
Art. no.	9192080	9192225	9192215	9192280	9192385
Design	uvex supravision plus	uvex supravision excellence	uvex supravision excellence	uvex supravision extreme	uvex supravision excellence
	standard size, Oil & gas	standard size	standard size	standard size	standard size, contrast-enhancing
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
Frame	black, grey	black, green	light grey, grey	black, grey	black, yellow
	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE
Lens	PC clear	PC clear	PC clear	PC clear	PC amber
	UV400	UV400	UV400	UV400	UV400
	2C-1.2 W1 FTKN CE	2C-1.2 W1 FTKN CE	2C-1.2 W1 FTKN CE	2C-1.2 W1 FTKN CE	2C-1.2 W1 FTKN CE
Weight	29 g	29 g	29 g	29 g	29 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC	5 PC

uvex pheos				
Art. no.	9192245	9192285	9192281	9192881
Design	uvex supravision excellence	uvex supravision excellence	uvex supravision extreme	AF on the inside
	standard size, sunglare filter	standard size, sunglare filter	standard size, sunglare filter	standard size, sunglare filter, silver mirror
Standard	EN 166, EN 172	EN 166, EN 172	EN 166, EN 172	EN 166, EN 172
Frame	black, orange	black, grey	black, grey	light grey, grey
	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE
Lens	PC grey 23%	PC grey 23%	PC grey 23%	PC silver mirror grey
	UV400	UV400	UV400	UV400
	5-2.5 W1 FTKN CE	5-2.5 W1 FTKN CE	5-2.5 W1 FTKN CE	5-1.7 W1 FTKN CE
Weight	29 g	29 g	29 g	29 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC

MADE IN GERMANY

# Safety Spectacles

uvex pheos s · uvex pheos guard · uvex pheos s guard



9192725  
narrow version



9192785  
narrow version



9192282  
narrow version



9192745  
narrow version



9192283  
narrow version



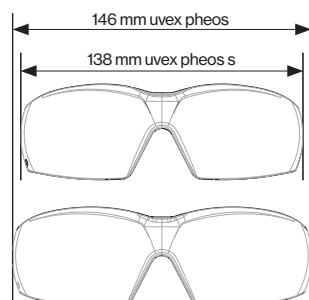
9192891  
narrow version



9192180  
9192680  
narrow version



9192181



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



Accessories: 9958020  
Headband

uvex pheos s						
<b>Art. no.</b>	9192725	9192785	9192282	9192745	9192283	9192891
<b>Design</b>	uvex supravision excellence narrow version	uvex supravision excellence narrow version	uvex supravision extreme narrow version	uvex supravision excellence narrow version, sunglare filter	uvex supravision extreme narrow version, sunglare filter	AF on the inside narrow version, sunglare filter
<b>Standard Frame</b>	EN 166, EN 170 white, green W 166 FT CE	EN 166, EN 170 anthracite, grey W 166 FT CE	EN 166, EN 170 black, grey W 166 FT CE	EN 166, EN 172 white, orange W 166 FT CE	EN 166, EN 172 black, grey W 166 FT CE	EN 166, EN 172 light grey, grey W 166 FT CE
<b>Lens</b>	PC clear UV400 2C-1.2 W1 FTKN CE	PC clear UV400 2C-1.2 W1 FTKN CE	PC clear UV400 2C-1.2 W1 FTKN CE	PC grey 23% UV400 5-2.5 W1 FTKN CE	PC grey 23% UV400 5-2.5 W1 FTKN CE	PC silver mirror grey UV400 5-1.7 W1 FTN CE
<b>Weight</b>	28 g	28 g	28 g	28 g	28 g	28 g
<b>Order quantity multiples</b>	5 PC	5 PC	5 PC	5 PC	5 PC	5 PC

uvex pheos guard			uvex pheos s guard		
<b>Art. no.</b>	9192180	9192181	9192680		
<b>Design</b>	uvex supravision extreme standard size, incl. extra frame and headband	uvex supravision extreme standard size, sunglare filter incl. extra frame and headband	uvex supravision extreme narrow version incl. extra frame and headband		
<b>Standard Frame</b>	EN 166, EN 170 black, grey W 166 FT CE	EN 166, EN 172 black, grey W 166 FT CE	EN 166, EN 170 black, grey W 166 FT CE		
<b>Lens</b>	PC clear UV400 2C-1.2 W1 FTKN CE	PC grey 23% UV400 5-2.5 W1 FTKN CE	PC clear UV400 2C-1.2 W1 FTKN CE		
<b>Weight</b>	46 g	46 g	45 g		
<b>Order quantity multiples</b>	4 PC	4 PC	4 PC		

Accessories			
<b>Art. no.</b>	9192001	9192002	9958020
<b>Design</b>	extra frame for uvex pheos standard size	extra frame for uvex pheos s narrow version	headband for uvex pheos and uvex pheos s
<b>Colour</b>	black	black	grey, black
<b>Order quantity multiples</b>	5 PC	5 PC	5 PC

**MADE IN GERMANY**



# Safety spectacles – matching your corporate identity

## Eye protection with “personality”

Give your team an unmistakeable image: uvex safety glasses offer various options for individual design – from printing your company’s logo on the side arms to frames in your company’s colours. You can coordinate your protective equipment perfectly with your corporate identity.

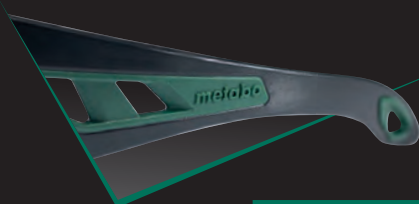
### Frames in the company colours

“Your” safety spectacles are recognisable at first glance: the frames are designed in your company colours.



### Insert in the side arms

Adding your company name to the soft components of the side arms is both bespoke and subtle.



### Pad printing on the side arms (1 to 4 colours)

The direct pad printing process is recommended for printing your logo in colour on the side arms.



### How individual can you be?

We are happy to advise you personally on the technical options for customising our safety glasses.

You can also use our online product configuration tool at

[www.uvex-safety.com/configurator](http://www.uvex-safety.com/configurator)

(or scan the QR code).

Here you can choose and design the spectacle model online.

Please note that the following minimum quantities must be ordered:

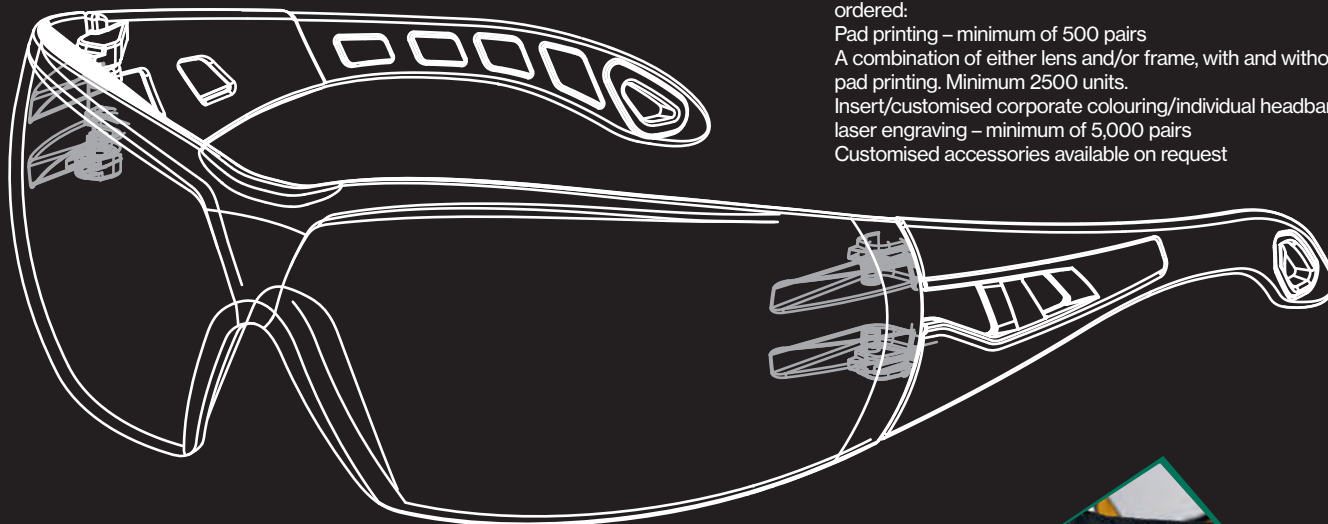
Pad printing – minimum of 500 pairs

A combination of either lens and/or frame, with and without pad printing. Minimum 2500 units.

Insert/customised corporate colouring/individual headband/

laser engraving – minimum of 5,000 pairs

Customised accessories available on request



### Customised accessories

Have your logo printed on your spectacle case.



### Laser engraving on the lens

Safety spectacles will retain 100% of their functionality even with customised laser engraving.



### Headband embroidery

Customise your spectacles by having your corporate logo embroidered on the headband.



# 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.	9190270	9190275	9190280	9190175	9190838
Replacement lens	–	9190258	9190258	–	–
Design	uvex supravision sapphire standard size	uvex supravision excellence standard size	uvex supravision excellence standard size	uvex supravision plus standard size Oil & gas	uvex supravision AR standard size super anti-reflective lenses
Standard Frame	EN 166, EN 170 anthracite, blue W 166 FT CE	EN 166, EN 170 anthracite, blue W 166 FT CE	EN 166, EN 170 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
Lens	PC clear UV400 2C-1.2 W1 FTK CE	PC clear UV400 2C-1.2 W1 FTKN CE	PC clear UV400 2C-1.2 W1 FTKN CE	PC clear UV400 2C-1.2 W1 FTKN CE	PC clear UV400 2C-1.2 W1 FT CE
Weight	30 g	30 g	30 g	30 g	30 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC	5 PC

uvex i-3					Extra frame
Art. no.	9190839	9190281	9190885	9190880	9190001
Replacement lens	–	–	–	–	–
Design	uvex supravision AR standard size super anti-reflective lenses	uvex supravision excellence standard size sunglare filter	AF on the inside standard size sunglare filter, silver mirror	uvex supravision variomatic standard size self-tinting lenses	Extra frame for uvex i-3 standard size
Standard Frame	EN 166, EN 170 black, blue W 166 FT CE	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 172 black, anthracite W 166 FT CE	black
Lens	PC clear UV400 2C-1.2 W1 FT CE	PC grey 23% UV400 5-2.5 W1 FTKN CE	PC silver mirror grey UV400 5-3.1 W1 FTN CE	PC light green UV400 2-1.2 W1 FTKN CE	
Weight	30 g	30 g	30 g	30 g	
Order quantity multiples/	5 PC	5 PC	5 PC	5 PC	5 PC
Order unit					

MADE IN GERMANY

# Safety Spectacles

uvex i-3 s



9190065



9190080



9190075



9190039



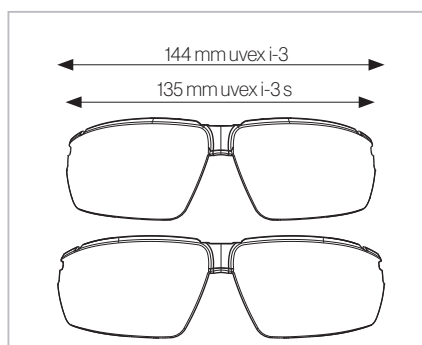
9190085



9190086

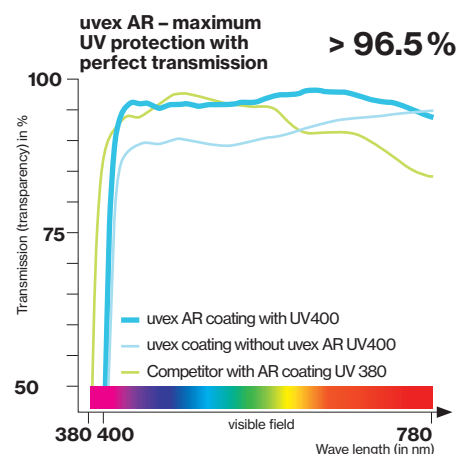


Accessories: 9958009  
Eyewear cord for uvex i-3 and uvex i-3 s



## Coating

The anti-reflective coating on both sides provides 100% protection against UV400 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.

uvex i-3 s			
Art. no.	9190065	9190080	9190075
Design	uvex supravision sapphire narrow version	uvex supravision plus narrow version Oil & gas	uvex supravision excellence narrow version
Standard Frame	EN 166, EN 170 blue, grey W 166 FT CE	EN 166, EN 170 black, grey W 166 FT CE	EN 166, EN 170 anthracite, lime W 166 FT CE
Lens	PC clear UV400 2C-1.2 W1 FTK CE	PC clear UV400 2C-1.2 W1 FTKN CE	PC clear UV400 2C-1.2 W1 FTKN CE
Weight	29 g	29 g	29 g
Order quantity multiples	5 PC	5 PC	5 PC

uvex i-3 s				Accessories
Art. no.	9190039	9190085	9190086	9958009
Design	uvex supravision AR narrow version super anti-reflective lenses	uvex supravision excellence narrow version contrast-enhancing	uvex supravision excellence narrow version sunglare filter	Eyewear cord for uvex i-3 and uvex i-3 s
Standard Frame	EN 166, EN 170 black, blue W 166 FT CE	EN 166, EN 170 anthracite, yellow W 166 FT CE	EN 166, EN 172 blue, grey W 166 FT CE	anthracite, grey
Lens	PC clear UV400 2C-1.2 W1 FT CE	PC amber UV400 2C-1.2 W1 FTKN CE	PC grey 23% UV400 5-2.5 W1 FTKN CE	
Weight	29 g	29 g	29 g	–
Order quantity multiples	5 PC	5 PC	5 PC	5 PC

MADE IN GERMANY



# Safety Spectacles

## uvex astrospec 2.0



9164065



9164187



9164285



9164275



9164220



9164246



9164387

## uvex astrospec 2.0

- innovative development of the world's most popular uvex astrospec spectacles
- 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
- panoramic lens with integrated side protectors for optimum protection of the whole eye area

- uvex ventilation system with labyrinth seal for enhanced eye comfort
- soft, non-slip sidearm pieces (uvex duo component technology) prevent pressure points
- fits easily into breast pocket due to flat-fold design



**reddot** award 2014  
winner

uvex astrospec 2.0							
Art. no.	9164065	9164187	9164285	9164275	9164220	9164246	9164387
Design	uvex supravision sapphire	uvex supravision plus	uvex supravision excellence	uvex supravision extreme	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172	EN 166, EN 172
Frame	blue, light blue	black, grey	black, lime	anthracite, petrol	black, yellow	neon orange, black	black, grey
Lens	PC clear, UV400	PC clear, UV400	PC clear, UV400	PC clear, UV400	PC clear, UV400	PC grey 23%, UV400	PC grey 14%, UV400
Weight	42 g	42 g	42 g	42 g	42 g	42 g	42 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC	5 PC	5 PC	5 PC

**MADE IN GERMANY**

# Safety Spectacles

uvex super g



9172085


9172110  
9172210


9172265



9172220



9172281

## 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
- maximum wear comfort is guaranteed by the lightweight design: just 18 grams
- metal-free

uvex super g						
<b>Art. no.</b>	9172085	9172110	9172210	9172265	9172220	9172281
<b>Replacement lens</b>	–	–	9172255	9172255	–	–
<b>Design</b>	uvex supravision sapphire	uvex supravision plus	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence
<b>Standard</b>	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
<b>Frame</b>	grey metallic, black	clear, grey	clear, grey	navy blue, white	grey metallic, black	anthracite, lime
	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE
<b>Lens</b>	PC clear	PC clear	PC clear	PC clear	PC clear	PC clear
	UV400	UV400	UV400	UV400	UV400	UV400
	2C-1.2 W1 FT CE	2C-1.2 W1 FTKN CE	2C-1.2 W1 FTKN CE	2C-1.2 W1 FTKN CE	2C-1.2 W1 FTKN CE	2C-1.2 W1 FTKN CE
<b>Weight</b>	18 g	18 g	18 g	18 g	18 g	18 g
<b>Order quantity multiples</b>	5 PC	5 PC	5 PC	5 PC	5 PC	5 PC

# Safety Spectacles

uvex super fit · uvex super fit ETC



9178065  
9178265



9178185



9178315



9178415



9178500



9178385



9178286

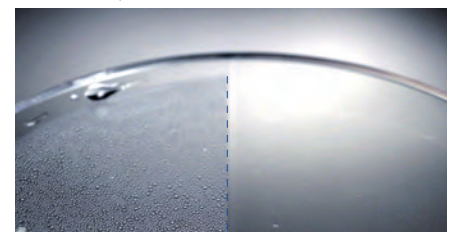
## uvex super fit

- lightweight safety spectacles with hinged side arms, a sporty design
- soft, adjustable nose piece
- soft, adjustable material around the nose bridge for a comfortable and pressure-free fit
- aerodynamically optimised lenses that are angled forwards to provide optimum ventilation
- excellent wearer comfort guaranteed by the lightweight design weighing just 21 grams

### Areas of application:

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

uvex supravision 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 supravision ETC

uvex super fit				
Art. no.	9178065	9178185	9178265	9178315
Replacement lens	–	–	9172255	9172255
Design	uvex supravision sapphire	uvex supravision plus	uvex supravision excellence	uvex supravision excellence
Standard Frame	EN 166, EN 170 navy blue, white W 166 FT CE	EN 166, EN 170 black, white W 166 FT CE	EN 166, EN 170 navy blue, white W 166 FT CE	EN 166, EN 170 white, lime W 166 FT CE
Lens	PC clear UV400 2C-1.2 W1 FT CE	PC clear UV400 2C-1.2 W1 FTKN CE	PC clear UV400 2C-1.2 W1 FTKN CE	PC clear UV400 2C-1.2 W1 FTKN CE
Weight	21 g	21 g	21 g	21 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC

uvex super fit				
Art. no.	9178415	9178500	9178385	9178286
Replacement lens	–	–	–	–
Design	uvex supravision ETC	uvex supravision clean autoclavable (15 cycles)	uvex supravision excellence contrast-enhancing	uvex supravision excellence sunglare filter
Standard Frame	EN 166, EN 170 white, grey W 166 FT CE	EN 166, EN 170 white, light blue W 166 FT CE	EN 166, EN 170 black, white W 166 FT CE	EN 166, EN 172 black, white W 166 FT CE
Lens	PC clear UV400 2C-1.2 W1 FTKN CE	PC clear UV400 2C-1.2 W1 FTKN CE	PC amber UV400 2C-1.2 W1 FTKN CE	PC grey 23% UV400 5-2.5 W1 FTKN CE
Weight	21 g	21 g	21 g	21 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC

**MADE IN GERMANY** 



# Safety Spectacles

uvex i-vo


9160065  
9160265

9160185  
9160285


9160275



9160520


9160268  
9160068


9160076



9160120

## uvex i-vo

- functional 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.	9160065	9160265	9160185	9160285	9160275
Replacement lens	9160055	9160255	–	9160255	9160255
Design	uvex supravision sapphire	uvex supravision excellence	uvex supravision plus	uvex supravision excellence	uvex supravision excellence
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
Frame	blue, orange	blue, orange	blue, grey	blue, grey	black, grey
	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE
Lens	PC clear	PC clear	PC clear	PC clear	PC clear
	UV400	UV400	UV400	UV400	UV400
	2C-1.2 W1 FT CE	2C-1.2 W1 FTKN CE	2C-1.2 W1 FTKN CE	2C-1.2 W1 FTKN CE	2C-1.2 W1 FTKN CE
Weight	33 g	33 g	33 g	33 g	33 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC	5 PC

Art. no.	9160520	9160268	9160068	9160076	9160120
Replacement lens	9160052			9160318	9160255
Design	uvex supravision sapphire contrast-enhancing	uvex supravision excellence sunglare filter	uvex supravision sapphire sunglare filter	uvex supravision sapphire sunglare filter	uvex supravision excellence with headband
Standard	EN 166, EN 170	EN 166, EN 172	EN 166, EN 172	EN 166, EN 172	EN 166, EN 170
Frame	blue, orange	blue, orange	blue, orange	black, grey	blue, grey
	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE	–
Lens	PC amber	PC brown	PC brown	PC grey 23%	PC clear
	UV400	UV400	UV400	UV400	UV400
	2C-1.2 W1 FT CE	5-2.5 W1 FTKN CE	5-2.5 W1 FT CE	5-2.5 W1 FT CE	2C-1.2 W1 FTKN 166 F CE
Weight	33 g	33 g	33 g	33 g	32 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC	5 PC

# Safety Spectacles

uvex skyper · uvex skyper sx2



9195075



9195265



9195078

## uvex skyper

- individually adjustable safety spectacles
- 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			
Art. no.	9195075	9195265	9195078
Replacement lens	–	9195255	–
Design	uvex supravision sapphire	uvex supravision excellence	uvex supravision sapphire sunglare filter
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172
Frame	black	blue	black
	W 166 F CE	W 166 F CE	W 166 F CE
Lens	PC clear	PC clear	PC brown
	UV400	UV400	UV400
	2C-1.2 W1 F CE	2C-1.2 W1 FKN CE	5-2.5 W1 F CE
Weight	29 g	29 g	29 g
Order quantity multiples	5 PC	5 PC	5 PC



9197065  
9197265



9197266

## 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.	9197065	9197265	9197266
Design	uvex supravision sapphire	uvex supravision excellence	uvex supravision excellence
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172
Frame	blue	blue	blue
	W 166 F CE	W 166 F CE	W 166 F CE
Lens	PC clear	PC clear	PC grey 23%
	UV400	UV400	UV400
	2C-1.2 W1 F CE	2C-1.2 W1 FKN CE	5-2.5 W1 FKN CE
Weight	30 g	30 g	30 g
Order quantity multiples	5 PC	5 PC	5 PC

# Safety Spectacles

uvex cybric · uvex cyberguard · uvex meteor · uvex futura


9188075  
9188175


9188076



9188121

## uvex cybric · uvex cyberguard

- sporty, twin-lens safety spectacles
- large face coverage
- 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 quattrofex side arms with four comfort cushions to ensure a comfortable, pressure-free fit around the ears

- uvex cyberguard with protection class 3 (liquids) and 4 (coarse dust particles)

	uvex cybric			uvex cyberguard
<b>Art. no.</b>	9188075	9188175	9188076	9188121
<b>Design</b>	uvex supravision sapphire	uvex supravision plus	uvex supravision sapphire sunglare filter	uvex supravision plus with headband and all-round seal
<b>Standard</b>	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172	EN 166, EN 170
<b>Frame</b>	black, orange	black, orange	black, orange	black
<b>Lens</b>	W 166 F CE PC clear UV400	W 166 F CE PC clear UV400	W 166 F CE PC grey 23% UV400	W 166 F 34 CE PC clear UV400
	2-1.2 W1 F CE	2-1.2 W1 F CE	5-2.5 W1 F CE	2-1.2 W1 F CE
<b>Weight</b>	28 g	28 g	28 g	35 g
<b>Order quantity multiples</b>	5 PC	5 PC	5 PC	5 PC


9134005  
9134002

9180015  
9180125

## 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>	9134005	9134002
<b>Design</b>	uvex supravision sapphire	uncoated
	lens 56 mm	lens 56 mm
	bridge width 15 mm	bridge width 15 mm
<b>Standard</b>	EN 166, EN 170	EN 166
<b>Frame</b>	grey, transparent	grey transparent
	W 166 F CE	W 166 F CE
<b>Lens</b>	PC clear	HG clear
	UV400	UV 330
	2-1.2 W1 FK	W1 S
<b>Weight</b>	28 g	44 g
<b>Order quantity multiples</b>	5 PC	5 PC

## uvex futura

- classic spectacles with large field of vision
- reliable protection provided by its customised fit: multi-level side arm inclination and four different side arm lengths allow the wearer to adjust the spectacles to suit their facial requirements
- soft, duo-flex ear pieces increase comfort

uvex futura		
<b>Art. no.</b>	9180015	9180125
<b>Replacement lens</b>	9180055	9180155
<b>Design</b>	uvex supravision sapphire	uvex supravision plus
<b>Standard</b>	EN 166, EN 170	EN 166, EN 170
<b>Frame</b>	brown	brown
	W 166 F CE	W 166 F CE
<b>Lens</b>	PC clear	PC clear
	UV400	UV400
	2-1.2 W1 FK CE	2-1.2 W1 FKN CE
<b>Weight</b>	49 g	49 g
<b>Order quantity multiples</b>	5 PC	5 PC



## Safety Spectacles

uvex polavision · uvex skyguard NT



9231960

### 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

<b>Art. no.</b>	9231960
<b>Design</b>	on both sides scratch-resistant sunglare filter
<b>Standard</b>	EN 166, EN 172
<b>Frame</b>	black, white W 166 F CE
<b>Lens</b>	PC grey 14% UV400 5-3.1 W 1 F CE
<b>Weight</b>	25 g
<b>Order unit</b>	PC



9175275



9175260  
9175160



9175261

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### 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

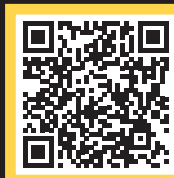
#### uvex skyguard NT

<b>Art. no.</b>	9175275	9175260	9175160	9175261
<b>Design</b>	uvex supravision excellence	uvex supravision excellence	uvex supravision extreme	uvex supravision excellence sunglare filter
<b>Standard</b>	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172
<b>Frame</b>	orange, grey W 166 34 F CE	blue, grey W 166 34 F CE	blue, grey W 166 34 F CE	blue, grey W 166 34 F CE
<b>Lens</b>	PC clear UV400 2-1.2 W1 FKN CE	PC clear UV400 2-1.2 W1 FKN CE	PC clear UV400 2-1.2 W1 FKN CE	PC grey 23% UV400 5-2.5 W1 FKN CE
<b>Weight</b>	42 g	44 g	44 g	44 g
<b>Order quantity multiples</b>	5 PC	5 PC	5 PC	5 PC

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# uvex academy

Industrial protective eyewear



You can find more information  
at [uvex-academy.com](http://uvex-academy.com)

## A practical introductory seminar on the selection, use and benefits of protective eyewear

- The basic applications of safety eyewear, including which products protect against mechanical dangers, chemical and radiation risks (e.g. welding protection), and products designed for specialised applications
- Demonstration and assessment of the dangers posed by mechanical risks, infrared and ultraviolet radiation (e.g. encountered during welding applications or during the use of chemicals), illustrated by case studies
- Assessment of the risk of eye injury in the workplace
- Explanation of how these risks can be dealt with efficiently in each workplace
- Comprehensive overview of the requirements of industrial safety eyewear, standards, applications, risk assessment and how to care for protective eyewear
- Information on the classification of protection products based on their labelling and the areas of application of the various types of equipment

### Target group

Those responsible for the work-related health and safety of employees within a company, e.g. health and safety officers, occupational nurses and specialist purchasers



For more information or to book a place, please visit [uvex-academy.de](http://uvex-academy.de), call +49 (0)911 9736 1710 or email [academy@uvex.de](mailto:academy@uvex.de)

## Overspecs

uvex 9161 · uvex super OTG



9161014



9161005  
9161305

### 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			
<b>Art. no.</b>	9161014	9161005	9161305
<b>Version</b>	without coating	uvex supravision sapphire	uvex supravision plus
<b>Standard</b>	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
<b>Frame</b>	clear	blue, black	blue, black
	W 166 F CE	W 166 F CE	W 166 F CE
<b>Lens</b>	PC clear	PC clear	PC clear
	UV400	UV400	UV400
	2C-1.2 W1 F CE	2C-1.2 W1 F CE	2C-1.2 W1 F CE
<b>Weight</b>	51 g	46 g	46 g
<b>Order quantity multiples</b>	5 PC	5 PC	5 PC



9169065  
9169260



9169080



9169081

### 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				
<b>Art. no.</b>	9169080	9169065	9169260	9169081
<b>Version</b>	uvex supravision sapphire	uvex supravision sapphire	uvex supravision excellence	uvex supravision sapphire sunglare filter
<b>Standard</b>	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172
<b>Frame</b>	black, light grey	blue, light grey	blue, light grey	black, light grey
	W 166 FT CE	W 166 FT CE	W 166 FT CE	W 166 FT CE
<b>Lens</b>	PC clear	PC clear	PC clear	PC grey 23%
	UV400	UV400	UV400	UV400
	2C-1.2 W1 FT CE	2C-1.2 W1 FT CE	2C-1.2 W1 FTKN CE	5-2.5 W1 FT CE
<b>Weight</b>	37 g	37 g	37 g	37 g
<b>Order quantity multiples</b>	5 PC	5 PC	5 PC	5 PC



# Overspecs

uvex super f OTG



9169585  
9169261



9169500



9169580



9169164



9169586



9169850



9169615

## 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

uvex super f OTG								
Art. no.	9169585	9169261	9169500	9169580	9169164	9169586	9169850	9169615
Version	uvex supravision sapphire	uvex supravision excellence	uvex supravision clean autoclavable (15 cycles)	uvex supravision sapphire contrast-enhancing sunglare filter	uvex supravision excellence sunglare filter	uvex supravision sapphire sunglare filter	uvex supravision variomatic	uvex supravision sapphire blocks blue light to 525 nm
Standard Frame	EN 166, EN 170 black, white W 166 FT CE	EN 166, EN 170 black, white W 166 FT CE	EN 166, EN 170 white, light blue W 166 FT CE	EN 166, EN 170 black, white W 166 FT CE	EN 166, EN 172 black, white W 166 FT CE	EN 166, EN 172 black, white W 166 FT CE	EN 166, EN 170 black, white W 166 FT CE	EN 166, EN 170 black, white W 166 FT CE
Lens	PC clear UV400 2C-12 W1 FT CE	PC clear UV400 2C-12 W1 FTKN CE	PC clear UV400 2C-12 1 FTKN CE	PC amber UV400 2C-12 W1 FT CE	PC CBR65 UV400 5-14 W1 FT KN CE	PC grey 23% UV400 5-2.5 W1 FT CE	PC light green UV400 2-12 W1 FTKN CE	PC orange UV 525 2-14 W1 FT CE
Weight	39 g	39 g	39 g	39 g	39 g	39 g	39 g	39 g
Order quantity multiples/ Order unit	5 PC	5 PC	5 PC	5 PC	5 PC	5 PC	PC	5 PC

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**uvex**

## uvex megasonic

Visionary technologies at a glance

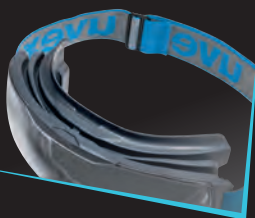
The uvex megasonic's revolutionary lens design does not restrict the wearer's field of vision, meaning users have the clearest possible view at all times – even under difficult conditions. It has a sporty, ergonomic design and is extremely comfortable to wear, making it a piece of equipment you can depend on during your everyday work.



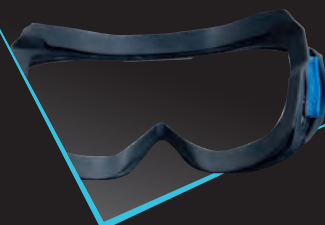
**Frameless and innovative lens design**  
for an optimum, unrestricted view



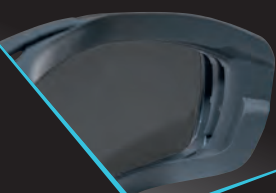
**x-frame design**  
for flexible adjustment  
to any face



**Ergonomic face piece**  
for a perfect fit and  
maximum comfort



**Fits comfortably over most prescription  
glasses**  
thanks to the unique frame design



**uvex supravision**  
coating technology



**Extra-wide headband**  
for an optimal fit and  
extra wearer comfort

**MADE IN GERMANY** 

# Safety Goggles

uvex megasonic



9320265



9320281



Further information can be found at  
**[uvex-safety.com/en/megasonic](https://uvex-safety.com/en/megasonic)**  
(or scan the QR code).

## uvex megasonic

- revolutionary goggles with exceptional field of vision
- unique frameless lens design
- OTG compatible with frame recess for side arms
- soft, adaptive face seal for incredible comfort and fit
- 30-mm-wide headband for a superior, no pressure fit
- easily interchangeable headband and lens
- highly compatible with other items of PPE
- uvex's proven supravision coating technology

uvex megasonic		
<b>Art. no.</b>	9320265	9320281
<b>Version</b>	uvex supravision excellence	uvex supravision excellence sunglare filter
<b>Standard</b>	EN 166, EN 170	EN 166, EN 172
<b>Frame</b>	anthracite, blue W 166 34 BT CE	anthracite, lime W 166 34 BT CE
<b>Lens</b>	PC clear UV400 2C-1.2 W1 BTKN CE	PC grey 23% UV400 5-2.5 W1 BTKN CE
<b>Weight</b>	96 g	96 g
<b>Order quantity multiples</b>	4 PC	4 PC



Safety Goggles  
uvex pheos cx2 sonic



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
- very soft, light textile headband for secure and comfortable fit
- can be easily combined with other PPE

uvex pheos cx2 sonic			
Art. no.	9309275	9309064	9309286
Version	uvex supravision extreme	uvex supravision extreme sunglare filter	uvex supravision extreme sunglare filter
Standard	EN 166, EN 170	EN 166, EN 172	EN 166, EN 172
Frame	white, black W 166 34 BT CE	white, black W 166 34 BT CE	white, black W 166 34 BT CE
Lens	PC clear UV400 2C-1.2 W1 BTKN CE	PC CBR65 UV400 5-1.4 W1 BTKN CE	PC grey 23% UV400 5-2.5 W1 BTKN CE
Weight	34 g	34 g	34 g
Order quantity multiples	5 PC	5 PC	5 PC

# Safety Goggles

uvex u-sonic



9308147



9308245



9308123



9308247



9308246



9308240



9308248



9308048 add-on lens

## uvex u-sonic

- 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

uvex u-sonic						
Art. no.	9308147	9308245	9308123	9308247	9308246	9308240
Version	uvex supravision plus Oil & gas	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence reduced ventilation	uvex supravision extreme reduced ventilation	uvex supravision excellence sunglare filter
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172
Frame	black, grey	anthracite, lime	anthracite, pink	black, red	anthracite, yellow	anthracite, lime
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
Weight	72 g	72 g	72 g	71 g	71 g	72 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC	5 PC	5 PC

uvex u-sonic		Add-on lens
Art. no.	9308248	9308048
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	
Lens	W 166 34 B CE	
Weight	107 g	
Order quantity multiples	5 PC	5 PC



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## 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 (15 to 20 times for 20 minutes each at a max. of 121°C).

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



9178500



9169500



9302500

### uvex super fit CR

- lightweight safety spectacles with hinged side arms and a sporty design
- 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	
<b>Art. no.</b>	9178500
<b>Design</b>	uvex supravision clean autoclavable (15 cycles)
<b>Standard</b>	EN 166, EN 170
<b>Frame</b>	white, light blue W 166 FT CE
<b>Lens</b>	PC clear UV400 2C-1.2 W1 FTKN CE
<b>Weight</b>	21 g
<b>Order quantity multiples</b>	5 PC

### 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	
<b>Art. no.</b>	9169500
<b>Design</b>	uvex supravision clean autoclavable (15 cycles)
<b>Standard</b>	EN 166, EN 170
<b>Frame</b>	white, light blue W 166 FT CE
<b>Lens</b>	PC clear UV400 2C-1.2 W1 FTKN CE
<b>Weight</b>	39 g
<b>Order quantity multiples</b>	5 PC

### 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
- with silicone headband

uvex ultrasonic CR	
<b>Art. no.</b>	9302500
<b>Replacement lens</b>	9302259
<b>Design</b>	uvex supravision clean autoclavable (20 cycles)
<b>Standard</b>	EN 166, EN 170
<b>Frame</b>	transparent, white W 166 34 B CE
<b>Lens</b>	PC clear, UV400 2C-1.2 W1 BKN CE
<b>Weight</b>	95 g
<b>Order quantity multiples</b>	4 PC

**MADE IN GERMANY** 



# Safety Goggles

uvex ultrasonic



9302245



9302285



9302281



9302275



9302601



9302600



9302500



9302247



9302286

## uvex ultrasonic

- goggles in sporty design, can also be worn over prescription spectacles
- 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.	9302245	9302285	9302281	9302275	9302601
Replacement lens	9302255	9302255	9302255	–	–
Version	uvex supravision excellence	uvex supravision excellence	uvex supravision excellence with neoprene headband	uvex supravision extreme	uvex supravision excellence reduced ventilation
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
Frame	grey, orange	black, grey	black, grey	anthracite, lime	black, red
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
Weight	83 g	83 g	85g	83 g	95 g
Order quantity multiples	4 PC	4 PC	4 PC	4 PC	4 PC

Art. no.	9302600	9302500	9302247	9302286
Replacement lens	–	9302259	9302257	9302256
Version	uvex supravision extreme reduced ventilation	uvex supravision clean autoclavable (20 cycles)	uvex supravision excellence sunglare filter	uvex supravision excellence sunglare filter
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172	EN 166, EN 172
Frame	blue, grey	transparent, white	grey, orange	black, grey
Lens	W 166 34 B CE	W 166 34 B CE	W 166 34 B CE	W 166 34 B CE
Weight	95 g	95 g	83 g	83 g
Order quantity multiples	4 PC	4 PC	4 PC	4 PC

## Safety Goggles

uvex ultravision CA



9301714



9301906



9301716



9301424

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
- polycarbonate lens with high mechanical strength (B: 120 m/s, T) in extreme temperatures
- mechanical strength of the cellulose acetate lens (F: 45 m/s)
- innovative indirect ventilation system helps maintain a comfortable climate around the eyes

uvex ultravision				
Art. no.	9301714	9301906	9301716	9301424
Replacement lens	9300517	9300956	9300517	9300517
Version	anti-fog	anti-fog	anti-fog	anti-fog
		wide nose piece, particularly well suited in combination with dust masks	with foam layer	with neoprene headband
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
Frame	transparent grey	transparent grey	transparent grey	transparent grey
	W 166 34 F CE	W 166 3 F CE	W 166 34 F CE	W 166 34 F CE
Lens	CA clear	CA clear	CA clear	CA clear
	UV 380	UV 380	UV 380	UV 380
	2-1.2 W1 FN CE	2-1.2 W1 FN CE	2-1.2 W1 FN CE	2-1.2 W1 FN CE
Weight	116 g	130 g	118 g	119 g
Order quantity multiples	4 PC	4 PC	4 PC	4 PC

# Safety Goggles

uvex ultravision



9301605



9301116



9301105



9301626



9301813



9301815



9301613



9301633

uvex ultravision					
Art. no.	9301605	9301116	9301105	9301626	9301813
Replacement lens	–	–	9301255	9301255	9301255
Tear-off films	–	–	–	–	9300316
Version	uvex supravision plus	uvex supravision plus with foam layer	uvex supravision excellence	uvex supravision excellence with foam layer	uvex supravision excellence with tear-off films, 2 units replacement films: 9300316
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
Frame	transparent grey	transparent grey	transparent grey	transparent grey	transparent grey
	W 166 34 BT CE	W 166 34 BT CE	W 166 34 BT CE	W 166 34 BT CE	W 166 34 BT CE
Lens	PC clear	PC clear	PC clear	PC clear	PC clear
	UV400	UV400	UV400	UV400	UV400
	2C-1.2 W1 BTKN CE	2C-1.2 W1 BTKN CE	2C-1.2 W1 BTKN CE	2C-1.2 W1 BTKN CE	2C-1.2 W1 BTKN CE
Weight	131 g	134 g	131 g	134 g	126 g
Order quantity multiples	4 PC	4 PC	4 PC	4 PC	4 PC

Art. no.	9301815	9301613	9301633
Replacement lens	9301255	9301255	–
Tear-off films	–	–	–
Version	uvex supravision excellence top ventilation closed	uvex supravision excellence closed ventilation (gas-proof)	uvex supravision excellence closed ventilation (gas-proof) heat-resistant frame material
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 170
Frame	transparent grey	yellow	red
	W 166 34 BT CE	W 166 345 BT CE	W 166 345 BT CE
Lens	PC clear	PC clear	PC clear
	UV400	UV400	UV400
	2C-1.2 W1 BTKN CE	2C-1.2 W1 BTKN CE	2C-1.2 W1 BTKN CE
Weight	131 g	133 g	133 g
Order quantity multiples	4 PC	4 PC	4 PC



# Safety Goggles

uvex ultravision faceguard · helmet mounted safety goggles



9301555  
Safety Goggle: 9301105



9301317



9301318

## uvex ultravision faceguard

- combines goggles with face guard
- completely seals the eyes and protects the face
- 9301555 and 9301318: Lifts via a hinge mechanism, aiding communication, drinking, etc.

Art. no.	Goggles with face protection	Face protection	Face protection
Version	9301555 Goggles with uvex supravision excellence (9301105) with faceguard (9301318)	9301317 for all models 9301 with PC lens without spectacles uncoated	9301318 for all models 9301 with PC lens without spectacles uncoated
Standard	EN 166, EN 170	–	–
Frame	transparent grey W 166 34 BT CE	transparent CE	transparent CE
Lens	PC clear UV400 2C-1.2 W1 BTKN CE	– – –	– – –
Weight	212 g	64 g	81 g
Order quantity multiples/	4 PC	PC	PC
Order unit			



9302510



9301544



9924010

## 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 (9924010) are required!

Art. no.	uvex ultrasonic	uvex ultravision	Adapter
Version	9302510 uvex supravision extreme reduced ventilation	9301544 anti-fog inside	9924010 Adapter for attaching without earmuffs
Standard	EN 166, EN 170	EN 166, EN 170	
Frame	blue, grey W 166 34 B CE	transparent grey W 166 34 F CE	
Lens	PC clear UV400 2C-1.2 W1 BKN CE	CA clear UV 380 2-1.2 W1 FN CE	
Weight	121 g	132 g	–
Order quantity multiples	4 PC	4 PC	4 PC
Content	–	–	1 pair

# Safety Goggles

uvex carbonvision · uvex 9305 · uvex 9405



9307375



9307365



9307276

## 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.	9307375	9307365	9307276
Version	uvex supravision extreme	uvex supravision extreme with neoprene headband	uvex supravision extreme sunglare filter
Standard	EN 166, EN 170	EN 166, EN 170	EN 166, EN 172
Frame	black, grey	black, grey	black, grey
Lens	PC clear	PC clear	PC grey
	UV400	UV400	UV400
	2C-1.2 W1 BKN CE	2C-1.2 W1 BKN CE	5-2.5 W1 BTKN CE
Weight	46 g	51 g	46 g
Order quantity multiples	5 PC	5 PC	5 PC



9305714



9305514



9405714

## uvex 9305

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

uvex 9305		
Art. no.	9305514	9305714
Version	anti-fog inside with rubber headband	anti-fog inside with textile headband
Standard	EN 166, EN 170	EN 166, EN 170
Frame	transparent grey	transparent grey
Lens	CA clear	CA clear
	UV 380	UV 380
	2C-1.2 W1 FN CE	2C-1.2 W1 FN CE
Weight	95 g	91 g
Order quantity multiples	4 PC	4 PC

## uvex 9405

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

uvex 9405	
Art. no.	9405714
Replacement lens	9400517
Version	anti-fog inside
Standard	EN 166, EN 170
Frame	transparent grey
Lens	W 166 34 F CE
	CA clear
	UV 380
	2C-1.2 W1 FN CE
Weight	84 g
Order quantity multiples	4 PC

# Welding Protection

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

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

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

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



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

The products do not provide protection against laser beams!

New grey tint offers increased impact protection than traditional green welding tint products

IR/UV filter for improved safety

Sun/glare protection filters

Perfect colour recognition

Marking K and N for uvex infradur plus coated lenses



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

Autogenous welding/gas welding

Level of protection	Use
1.7	For welding assistants, protection against UV radiation and bright scattered light
2	Lightweight oxyacetylene cutting
3	Flame derusting, flame cutting, lightweight oxyacetylene cutting
4	Welding and hard soldering with up to 70 l/h of acetylene, flame cutting with up to 900 l/h of oxygen, steel and grey cast iron welding, lightweight oxyacetylene cutting
5	Welding and hard soldering with 70 to 200 l/h of acetylene, flame cutting with 2000 to 4000 l/h of oxygen
6	Welding and hard soldering with 200 to 800 l/h of acetylene, flame cutting with 2000 to 4000 l/h of oxygen



# Welding Protection

uvex i-vo · uvex super fit



## uvex i-vo

- functional welding protection spectacles with adjustable side arms
- perfect colour recognition
- 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.	9160041	9160043	9160045
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 UV400 + IR 1.7 W1 FTKN CE	PC grey UV400 + IR 3 W1 FTKN CE	PC grey UV400 + IR 5 W1 FTKN CE
Weight	33 g	33 g	33 g
Order quantity multiples	5 PC	5 PC	5 PC



## uvex super fit

- low weight welding safety spectacles with hinged side arms in a sporty design
- perfect colour recognition
- 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.	9178041	9178043
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 UV400 + IR 1.7 W1 FTKN CE	PC grey UV400 + IR 3 W1 FTKN CE
Weight	21 g	21 g
Order quantity multiples	5 PC	5 PC

# 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
- 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.	9164141	9164143	9164144	9164145	9164146
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 UV400 + IR 1.7 W1 FTKN CE	PC grey UV400 + IR 3 W1 FTKN CE	PC grey UV400 + IR 4 W1 FTKN CE	PC grey UV400 + IR 5 W1 FTKN CE	PC grey UV400 + IR 6 W1 FTKN CE
Weight	42 g	42 g	42 g	42 g	42 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC	5 PC

# Welding Protection

uvex futura



## uvex futura

- classic welding protection spectacles with outstanding coverage
- perfect colour recognition
- 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					
Art. no.	9180141	9180143	9180144	9180145	9180146
Version	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
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 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
Lens	PC grey UV400 + IR 1.7 W1 FTK CE	PC grey UV400 + IR 3 W1 FTK CE	PC grey UV400 + IR 4 W1 FTK CE	PC grey UV400 + IR 5 W1 FTK CE	PC grey UV400 + IR 6 W1 FTK CE
Weight	49 g	49 g	49 g	49 g	49 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC	5 PC



# Welding Protection

uvex 9116



9116041



9116043



9116045



9116044



9116046

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
  - 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.	9116041	9116043	9116044	9116045	9116046
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
	UV400 + IR	UV400 + IR	UV400 + IR	UV400 + IR	UV400 + IR
	1.7 W1 FTK CE	3 W1 FTK CE	4 W1 FTK CE	5 W1 FTK CE	6 W1 FTK CE
Weight	27 g	27 g	27 g	27 g	27 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC	5 PC

# Welding Protection

uvex 9104



9104041



9104043



9104044



9104045



9104046

## 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
- 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.	9104041	9104043	9104044	9104045	9104046
Flip-up replacement part	9104081	9104083	9104084	9104085	9104086
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	EN 166, EN 169, EN 170	EN 166, EN 169, EN 170	EN 166, EN 169, EN 170	EN 166, EN 169, EN 170	EN 166, EN 169, EN 170
Frame	black, green	black, green	black, green	black, green	black, green
Lens	W 166 S CE PC clear UV400	W 166 S CE PC clear UV400	W 166 S CE PC clear UV400	W 166 S CE PC clear UV400	W 166 S CE PC clear UV400
Additional lens	2-1.2 W1 FKN CE PC grey, UV400 + IR uvex infradur, 1.7 W1 FTK CE	2-1.2 W1 FKN CE PC grey, UV400 + IR uvex infradur, 3 W1 FTK CE	2-1.2 W1 FKN CE PC grey, UV400 + IR uvex infradur, 4 W1 FTK CE	2-1.2 W1 FKN CE PC grey, UV400 + IR uvex infradur, 5 W1 FTK CE	2-1.2 W1 FKN CE PC grey, UV400 + IR uvex infradur, 6 W1 FTK CE
Weight	42 g	42 g	42 g	42 g	42 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC	5 PC

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# Welding Protection

uvex 9161 · uvex super f OTG



## uvex 9161

- welding overspecs for wearers of prescription glasses
- perfect colour recognition
- 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.	9161141	9161143	9161144	9161145	9161146
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
	UV400 + IR	UV400 + IR	UV400 + IR	UV400 + IR	UV400 + IR
	1.7 W1 FT CE	3 W1 FT CE	4 W1 FT CE	5 W1 FT CE	6 W1 FT CE
Weight	46 g	46 g	46 g	46 g	46 g
Order quantity multiples	5 PC	5 PC	5 PC	5 PC	5 PC



## uvex super f OTG

- welding overspecs with arm-hinge concept for wearers of prescription glasses
- perfect colour recognition
- unrestricted peripheral vision
- soft arm ends for increased comfort

uvex super f OTG			
Art. no.	9169541	9169543	9169545
Version	uvex infradur plus	uvex infradur plus	uvex infradur plus
	welding protection level 1.7	welding protection level 3	welding protection level 5
Standard	EN 166, EN 169	EN 166, EN 169	EN 166, EN 169
Frame	black, green	black, green	black, green
	W 166 FT CE	W 166 FT CE	W 166 FT CE
Lens	PC grey	PC grey	PC grey
	UV400 + IR	UV400 + IR	UV400 + IR
	1.7 W1 FTKN CE	3 W1 FTKN CE	5 W1 FTKN CE
Weight	39 g	39 g	39 g
Order quantity multiples	5 PC	5 PC	5 PC

MADE IN GERMANY 



# Welding Protection

uvex ultrasonic flip-up · uvex ultravision



9302043



9302045

## uvex ultrasonic flip-up

- welding goggles in sporty design, can also be worn over prescription spectacles
- lenses can be changed
- perfect colour recognition
- with flip-up and easily replaceable filter
- 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.	9302043	9302045
Replacement lens flip-up	9302083	9302085
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
	W 166 34 B CE	W 166 34 B CE
Lens	PC clear, UV400	PC clear, UV400
	2-1.2 W1 BKN CE	2-1.2 W1 BKN CE
Additional lens	PC grey, UV400 + IR	PC grey, UV400 + IR
	uvex infradur	uvex infradur
	3 W1 CE	5 W1 FTK CE
	welding protection level 3	welding protection level 5
Weight	123 g	123 g
Order quantity multiples	4 PC	4 PC



9301145

## uvex ultravision

- classic style welding goggle with unrestricted field of vision
- can be worn over prescription spectacles
- perfect colour recognition
- outstanding wearability thanks to the indirect ventilation system

uvex ultravision	
Art. no.	9301145
Version	uvex infradur plus welding protection level 5
Standard	EN 166, EN 169
Frame	black
	W 166 3 BT CE
Lens	PC grey
	UV400 + IR
	5 W1 BTKN CE
Weight	131 g
Order quantity multiples	4 PC

## Accessories

uvex cleaning accessories



9970005



9972101



9963000

### uvex spectacle cleaning station

- including
- 2 x 9971000
- 1 x 9972103
- 1 x 9973101

uvex spectacle cleaning station

Art. no. 9970005  
Order unit PC

#### Plastic pump

- for uvex cleaning fluid 9972103

Plastic pump

Art. no. 9973101  
Order unit PC

#### uvex cleaning fluid

- 0.5 l cleaning fluid
- suitable for all viewing lenses

uvex cleaning fluid

Art. no. 9972103  
Content 500 ml  
Order unit PC

#### Cleaning papers

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

Cleaning papers

Art. no. 9971000  
Order unit PC

#### Magnetic wall bracket

- for easy mounting of the uvex cleaning station (9970005)

Magnetic wall bracket

Art. no. 9963004  
Order unit PC

### uvex cleaning fluid

- Note:
- does not fit in the uvex spectacle cleaning station (9970005 and 9970002)

uvex cleaning fluid

Art. no. 9972101  
Content 500 ml  
Order unit PC

- Note:
- spare parts for 9970002

uvex cleaning fluid (for 9970002)

Art. no. 9972100  
Content 500 ml  
Order unit PC

Plastic pump (for 9970002)

Art. no. 9973100  
Order unit PC

Spare parts for uvex cleaning station 9970002 only

### uvex lens cleaning towelettes

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

uvex cleaning towelettes

Art. no. 9963000  
Order unit PC

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

Wall mount

Art. no. 9963001  
Order unit PC



9972103



9971000



9973101



9963004



9963001

## Accessories

uvex display · uvex microfibre cloth · uvex SECU Box



9957503

### uvex display

- with integrated mirror
- for four safety spectacles and one pair of wide-vision goggles

uvex Display	
Art. no.	9957503
Order unit	PC



9972130

### uvex microfibre cloth

- for cleaning spectacle and goggle lenses

uvex microfibre cloth	
Art. no.	9972130
Order unit	BG
Content	5 PC



9957502

### 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.	9957502
Order unit	PC



## Accessories

uvex safety eyewear cases



9954600

### 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>	9954600
<b>Order quantity multiples</b>	5 PC



9954500

### uvex eyewear case

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

uvex eyewear case	
<b>Art. no.</b>	9954500
<b>Order quantity multiples</b>	5 PC



9954501

### 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>	9954501
<b>Order quantity multiples</b>	5 PC

## Accessories

uvex safety eyewear cases · uvex carry case



6118002



9954650



9954355



9954360



9954326

### 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.	6118002
Order quantity multiples	1 PC

### uvex eyewear case

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

uvex eyewear case	
Art. no.	9954650
Order quantity multiples	5 PC

### uvex microfibre case

- elegant microfibre case
- for uvex spectacles models

uvex microfibre case	
Art. no.	9954355
Order quantity multiples	5 PC

- elegant microfibre case
- for uvex goggles and overspecs

uvex microfibre case	
Art. no.	9954360
Order quantity multiples	5 PC

### uvex carry case

- with adjustable storage compartments (Velcro)
- also suitable for goggles
- Spectacles capacity: 12 units (3 x 4)

- colour: black
- with length-adjustable shoulder strap

uvex carry case	
Art. no.	9954326
Order unit	1 PC

## Accessories

uvex hang-cords · uvex headband



9958017



9958003

### uvex eyewear cord

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

uvex eyewear cord	
Art. no.	9958017
Order quantity multiples	5 PC

### uvex headband

- fully adjustable
- metal-free

uvex headband	
Art. no.	9958003
Order quantity multiples	5 PC



9958020



9958009

### uvex pheos headband

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

uvex pheos headband	
Art. no.	9958020
Order quantity multiples	5 PC

### uvex i-3 eyewear cord

- eyewear cord for uvex i-3 and uvex i-3 s

uvex i-3 eyewear cord	
Art. no.	9958009
Order quantity multiples	5 PC

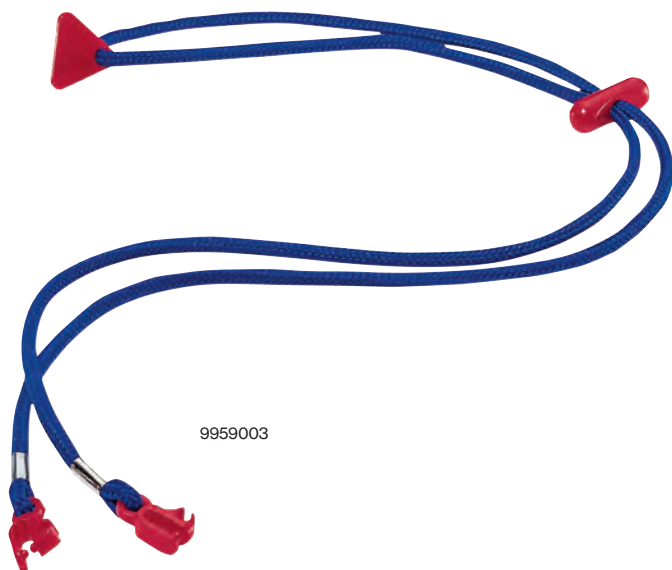
see page 34, 35

see page 31, 32



## Accessories

uvex hang-cords · uvex headband



9959003

### uvex eyewear cord

- individual length adjustment

uvex eyewear cord	
Art. no.	9959003
Order quantity multiples	5 PC



9959004

### uvex eyewear cord

- metal-free
- individual length adjustment

uvex eyewear cord	
Art. no.	9959004
Order quantity multiples	5 PC



9959002

### uvex eyewear cord

- suitable for all uvex spectacles

uvex eyewear cord	
Art. no.	9959002
Order quantity multiples	10 PC



9958023

















### uvex x-fit headband

- for attaching to uvex x-fit and uvex x-fit pro
- individual length adjustment
- metal-free

uvex x-fit headband	
Art. no.	9958023
Order quantity multiples	5 PC

see page 25

# Cord/case matrix

Model	Name	Cords/straps								Cases							
																	
9104	uvex 9104																
9116	uvex 9116																
9134	uvex meteor																
9137	uvex ceramic																
9155	uvex mercury																
9159	uvex winner																
9160	uvex i-vo																
9161	uvex 9161																
9164	uvex astrospec 2.0																
9169	uvex super OTG																
9169	uvex super f OTG																
9172	uvex super g																
9175	uvex skyguard NT																
9178	uvex super fit																
9180	uvex futura																
9183	uvex i-5																
9188	uvex cybric																
9188	uvex cyberguard																
9190	uvex i-3 / i-3 s																
9192	uvex pheos / pheos s																
9192	uvex pheos guard / s																
9193	uvex sportstyle																
9194	uvex i-works																
9195	uvex skyper																
9197	uvex skyper sx2																
9198	uvex pheos cx2																
9199	uvex x-fit																
9199	uvex x-fit pro																
9231	uvex polavision																
9301	uvex ultravision																
9302	uvex ultrasonic																
9305	uvex 9305																
9307	uvex carbonvision																
9308	uvex u-sonic																
9309	uvex pheos cx2 sonic																
9320	uvex megasonic																
9405	uvex 9405																

2 goggles or 3-4 spectacles  
or 1 goggles + 2 spectacles



compatible



not compatible

# Applications

Always the perfect solution

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



# Safety Eyewear

## Overview

Model	Name	Product	Order quantity multiples/ Order unit	uvex supravision sapphire	supravision plus	uvex supravision excellence	uvex supravision extreme	uvex supravision ETC	uvex supravision clean	uvex supravision AR	Silver mirror, inside anti-fog	uvex supravision variomatic	uvex infradur	uvex infradur plus	CA uncoated	CA anti-fog on the inside	Scratch-resistant on both sides	Scratch-resistant + anti-fog	Uncoated
9104	uvex 9104	Safety spectacles – welding protection	5 PC																
9104	uvex 9104	Replacement lenses Flip-up	5 PC																
9116	uvex 9116	Safety spectacles – welding protection	5 PC																
9134	uvex meteor	Plastic temple spectacles	5 PC																
9137	uvex ceramic	Metal temple spectacles	5 PC																
9155	uvex mercury	Metal temple spectacles	5 PC																
9159	uvex winner	Metal temple spectacles	5 PC																
9160	uvex i-vo	Plastic temple spectacles	5 PC																
9160	uvex i-vo	Replacement lenses	5 PC																
9160	uvex i-vo	Safety spectacles – welding protection	5 PC																
9161	uvex 9161	Plastic temple spectacles	5 PC																
9161	uvex 9161	Safety spectacles – welding protection	5 PC																
9164	uvex astrospec 2.0	Plastic temple spectacles	5 PC																
9164	uvex astrospec 2.0	Safety spectacles – welding protection	5 PC																
9169	uvex super OTG	Plastic temple spectacles	5 PC																
9169	uvex super f OTG	Plastic temple spectacles	5 PC																
9169	uvex super f OTG	Plastic temple spectacles	PC																
9169	uvex super f OTG	Plastic temple spectacles UV 525	5 PC																
9169	uvex super f OTG CR	Plastic temple spectacles	5 PC																
9169	uvex super f OTG	Safety spectacles – welding protection	5 PC																
9172	uvex super g	Plastic temple spectacles	5 PC																
9172	uvex super g	Replacement lenses	5 PC																
9175	uvex skyguard NT	Plastic temple spectacles	5 PC																
9178	uvex super fit	Plastic temple spectacles	5 PC																
9178	uvex super fit ETC	Plastic temple spectacles	5 PC																
9178	uvex super fit CR	Plastic temple spectacles	5 PC																
9178	uvex super fit	Safety spectacles – welding protection	5 PC																
9180	uvex futura	Plastic temple spectacles	5 PC																
9180	uvex futura	Replacement lenses	5 PAA																
9180	uvex futura	Safety spectacles – welding protection	5 PC																
9183	uvex i-5	Plastic temple spectacles	5 PC																
9188	uvex cybric	Plastic temple spectacles	5 PC																
9188	uvex cyberguard	Plastic temple spectacles	5 PC																
9190	uvex i-3/uvex i-3s	Plastic temple spectacles	5 PC																
9190	uvex i-3	Plastic temple spectacles	PC																
9190	uvex i-3	Replacement lenses	5 PC																
9192	uvex pheos/uvex pheos s	Plastic temple spectacles	5 PC																
9192	uvex pheos guard/uvex pheos s guard	uvex pheos headband version	4 PC																
9192	uvex pheos/uvex pheos s	Extra frame	5 PC																
9193	uvex sportstyle	Plastic temple spectacles	5 PC																
9193	uvex sportstyle	Plastic temple spectacles	PC																
9194	uvex i-works	Plastic temple spectacles	5 PC																
9195	uvex skyper	Plastic temple spectacles	5 PC																
9195	uvex skyper	Replacement lenses	5 PC																
9197	uvex skyper sx2	Plastic temple spectacles	5 PC																
9198	uvex pheos cx2	Plastic temple spectacles	5 PC																
9199	uvex x-fit	Plastic temple spectacles	5 PC																

Model	Name	Product	Order quantity multiples/ Order unit	uvex supravision sapphire	supravision plus	uvex supravision excellence	uvex supravision extreme	uvex supravision ETC	uvex supravision clean	uvex supravision AR	Silver mirror, inside anti-fog	uvex supravision variomatic	uvex infradur	uvex infradur plus	CA uncoated	CA anti-fog on the inside	Scratch-resistant on both sides	Scratch-resistant + anti-fog	Uncoated
9199	uvex x-fit pro	Plastic temple spectacles	5 PC																
9199	uvex x-fit pro (without Slider)	Plastic temple spectacles	5 PC																
9231	uvex polavision	Plastic temple spectacles	PC																
9301	uvex ultravision	Safety goggles	4 PC																
9301	uvex ultravision	Replacement lenses	4 PC																
9300	uvex ultravision	Tear-off films	10 PC																
9301	uvex ultravision faceguard	Safety goggles	4 PC																
9301	uvex ultravision	Goggles with helmet attachment	4 PC																
9301	uvex ultravision	Mouth shield	PC																
9301	uvex ultravision	Safety goggles – welding protection	4 PC																
9302	uvex ultrasonic	Safety goggles	4 PC																
9302	uvex ultrasonic	Replacement lenses	4 PC																
9302	uvex ultrasonic	Goggles with helmet attachment	4 PC																
9302	uvex ultrasonic CR	Safety goggles	4 PC																
9302	uvex ultrasonic flip-up	Safety goggles – welding protection	4 PC																
9302	uvex ultrasonic flip-up	Replacement lenses	4 PC																
9305	uvex 9305	Safety goggles	4 PC																
9307	uvex carbonvision	Safety goggles	5 PC																
9308	uvex u-sonic	Safety goggles	5 PC																
9308	uvex u-sonic	Safety goggles	5 PC																
9309	uvex pheos cx2 sonic	Safety goggles	5 PC																
9320	uvex megasonic	Safety goggles	4 PC																
9405	uvex 9405	Safety goggles	4 PC																
9405	uvex 9405	Replacement lenses	4 PC																
6118		Safety eyewear case	5 PC																
9972		Microfibre cloth	BG																
9954		Safety eyewear case	5 PC																
9954		Carry case	PC																
9954		Carry case	5 PC																
9957		Display	PC																
9957		SECU box	PC																
9958	uvex x-fit/x-fit pro	Comfort Slider	BG (incl. 5 PR)																
9958		Neck hang cord	5 PC																
9958		Headband	5 PC																
9958	uvex pheos/uvex pheos s	Headband	5 PC																
9958	uvex i-3/uvex i-3s	Neck hang cord	5 PC																
9958	uvex x-fit/x-fit pro	Headband	5 PC																
9959		Neck hang cord	5/10 PC																
9963		Cleaning towelettes	PC																
9963		Wall holder	PC																
9963		Magnetic wall bracket	PC																
9970		Cleaning station	PC																
9971		Replacement cleaning papers	PC																
9972		Cleaning fluid	PC																
9973		Plastic pump	PC																
9999	uvex x-fit/x-fit pro	uvex LED mini light including adapter (right and left)	PC																

uvex safety creates  
around 80%  
of its value-added  
in its own production sites.







Hearing Protection

# 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.

## Adverse health effects caused by harmful noise levels

Listed below are the maximum period of time a person should be exposed to harmful noise per day without wearing hearing protection.

85 dB	8 hours	103 dB	7.5 minutes
88 dB	4 hours	106 dB	4 minutes
91 dB	2 hours	109 dB	2 minutes
94 dB	1 hour	112 dB	1 minute
97 dB	30 minutes	115 dB	30 seconds
100 dB	15 minutes		





## 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 9001/2015 and OHSAS 18001:2007.

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
- X Extremely flat attenuation hearing protection
- E Signals audible for multiple-unit drivers and shunting train drivers in railway operations
  - E<sub>1</sub>: very high suitability
  - E<sub>2</sub>: high suitability
  - E<sub>3</sub>: limited suitability

## Abbreviations for protection values with explanations

SNR	Single Number Rating/average protection capacity
f/Hz	Frequency given as a unit of Hertz
(MA) Mean Attenuation	Mean attenuation
(SD)	Standard Deviation
(APV) Assumed Protection Value	Assumed protection value
HML value	H: Attenuation value at high frequencies
	M: Attenuation value at medium frequencies
	L: Attenuation value at low frequencies





# Hearing protection

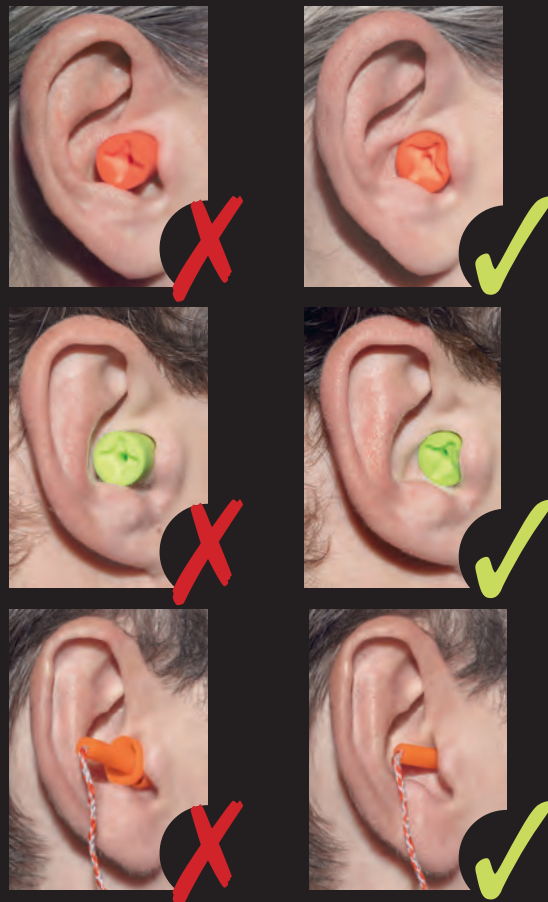
## Size and fit

Everyone's ear canal is unique — much like a fingerprint. Which is why it's all the more important that you choose adequate and suitable hearing protection that is the correct size to achieve a good fit. uvex offers a complete range of hearing protection to ensure all wearers are able to achieve a fit that's right for them.

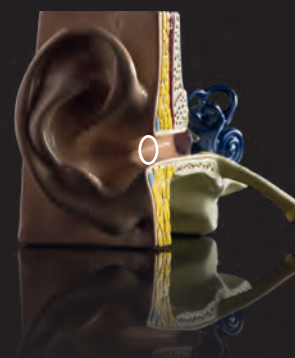
**Choosing the wrong size can severely reduce the protection value, exposing wearers to harmful noise, and makes the ear plugs uncomfortable to wear.**

- if the earplugs are too large, they are unlikely to sit deep enough in the ear canal, so the specified protection level cannot be achieved. They'll also feel uncomfortable
- if the earplugs are too small, although they may be comfortable to wear, there could be noise leakage and reduced protection capacity which over time can cause noise-induced hearing loss.
- round earplugs don't necessarily completely seal an oval-shaped ear canal. It is on this premise that we developed the uvex xact-fit range of hearing protectors.

It is best to try different sizes to find the one that gives you the best protection and fit. With the uvex com4-fit and uvex x-fit, we offer something for the majority of ear canal shapes.



## Look out for the different sizes



The cross-section of an ear canal is oval shaped

Anyone can get used to wearing hearing protection; you just need to choose the right type of protection for you.

- wearing time
- noise levels
- choose earplugs according to the size of your ear canal
- earmuffs are not recommended for hot workplaces
- fitting accuracy (glasses wearers)

- for earmuff wearers, the weight should be taken into consideration
- handling (dirty hands, gloves, disabilities)
- compatibility with other PPE (helmet, glasses, respiratory protection)

**The right hearing protection can make even the loudest noises more comfortable.**

# Hearing protection

## The uvex xact-fit family



**Using earplugs has never been easier**

Easy, fast and accurate insertion

Medium protection capacity for excellent speech and signal recognition for easy communication

Replacement earplugs are available, for a cost-effective and environmentally conscious choice

No rolling required, so they can be used with dirty hands or while wearing gloves

Ergonomically shaped stems make fitting easy, hygienic, accurate and achieves a high level of wearer comfort

Thumb indentations with left and right marking ensures correct insertion and easy fitting

The shape means it fits most ear canals securely and comfortably



## The uvex xact-fit family



**uvex xact-fit**

Catalogue page 86



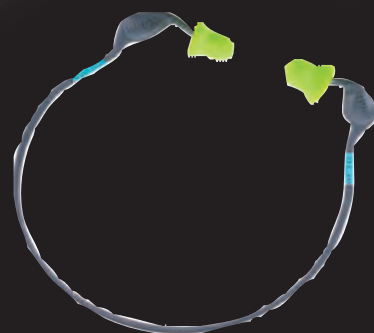
**uvex xact-fit detec**

Catalogue page 88



**uvex xact-fit multi reusable**

Catalogue page 86



**uvex xact-band**

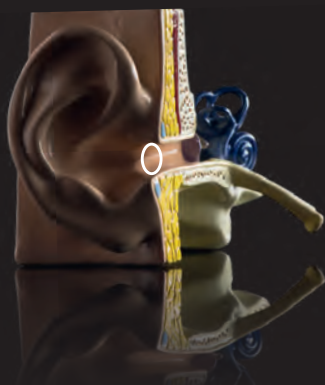
Catalogue page 90

# Hearing protection

The uvex xact-fit family

## uvex xact-fit – intelligent ergonomics

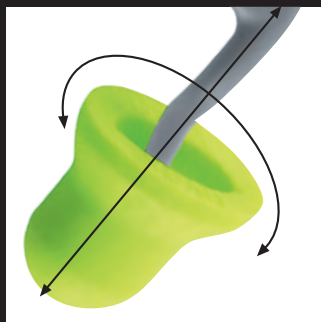
A new dimension of wearer comfort



The cross-section of an ear canal is oval shaped

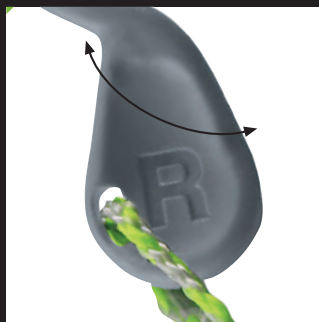
The stem is ergonomically shaped to fit either the left or right ear to increase wearer comfort and make the earplugs easier to insert and remove.

The design is easily identifiable from a distance, making it easier to monitor usage in accordance with your company's regulations.



### Perfect fit

Oval-shaped foam earplugs mimic the natural shape of the ear canal for low pressure fit and enhanced comfort



### Ergonomic thumb indentations

The ergonomic thumb indentations with left and right marking ensures correct insertion and easy fitting



### Adjustable cord



# Hearing Protection

Different situations, different ears



A unique design, even inside the earplugs

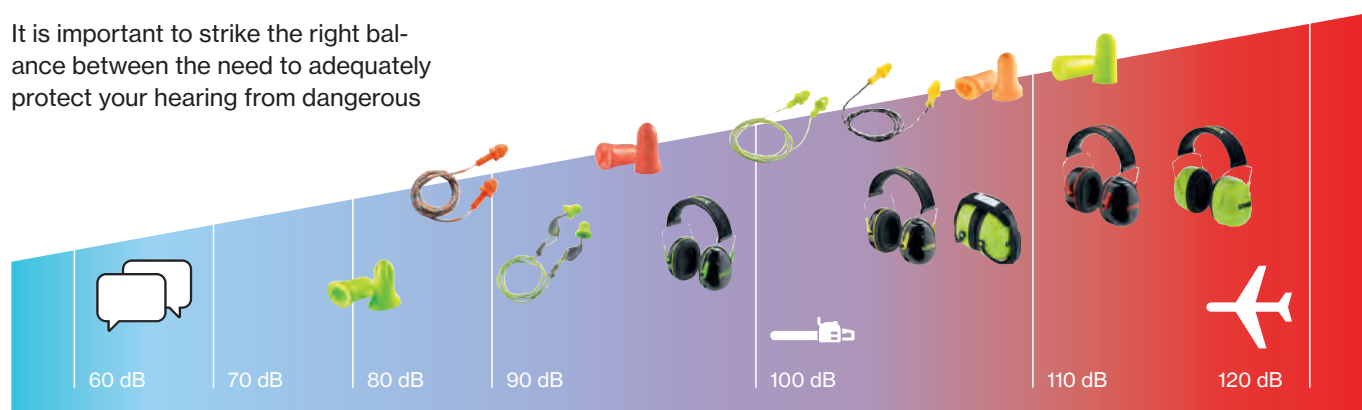
<b>uvex xtra-fit</b>				<ul style="list-style-type: none"> <li>• intricate recess design for long-term wearer comfort</li> <li>• designed to minimise pressure in the ear canal</li> </ul>
<b>uvex x-fit</b>				<ul style="list-style-type: none"> <li>• grip section for easy insertion and removal</li> </ul>
<b>uvex com4-fit</b>				
<b>uvex hi-com</b>				Defined protection zone for controlled noise reduction, resulting in excellent speech and signal recognition and good communication
<b>uvex xact-fit</b>				

## 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.

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.

It is important to strike the right balance between the need to adequately protect your hearing from dangerous



# Hearing Protection

Disposable ear plugs

## uvex hi-com

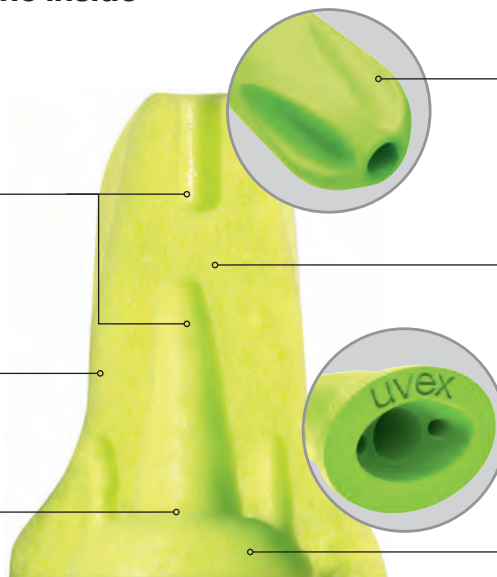
A unique design – even on the inside

patented

Designed to minimise pressure in the ear canal

Reduced risk of over protection and feelings of isolation

Intricate recess design for long-term wearer comfort



Large surface area delivers softer acoustics and absorbs inner ear sounds which can become obvious when wearing hearing protection in quieter areas

Defined protection zone for controlled noise reduction, resulting in excellent speech and signal recognition and good communication

Grip recess for easy removal



2112100  
2112095



2112106



2112095  
Table-top dispenser box



2112101

## uvex hi-com

- 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
- available in two colours
- additional requirement: W

uvex hi-com		
Art. no.	2112100	2112101
Design	without cord	with cord
Standard	EN 352-2	EN 352-2
Colour	lime	lime
Order unit	CT	CT
Content	200 PR, packed in pairs in CT	100 PR, packed in pairs in CT

uvex hi-com		
Art. no.	2112095	2112106
Design	without cord	without cord
Standard	EN 352-2	EN 352-2
Colour	lime	beige
Order unit	CT	CT
Content	100 PR, packed in pairs in CT	200 PR, packed in pairs in CT

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

Refill boxes for uvex "one2click" dispenser on page 84

MADE IN SWEDEN

# Hearing Protection

## Disposable ear plugs



2112012


2112004  
2112096  
2112131

### uvex com4-fit

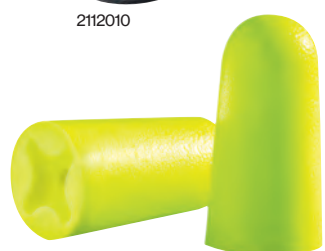
- disposable earplugs with a compact, ergonomic design
- perfect for narrow and smaller ear canals
- suitable for use in high noise environments
- patented x-grip technology reduces pressure on the ear canal and aids easy, hygienic removal
- increased wearing comfort, when worn for extended periods
- additional requirement: W, X, S, V, E<sub>1</sub>

uvex com4-fit				
Art. no.	2112004	2112096	2112131	2112012
Design	without cord	without cord	without cord	with cord
Standard	EN 352-2	EN 352-2	EN 352-2	EN 352-2
Colour	light orange	light orange	light orange	light orange
Order unit	CT	CT	CT	CT
Content	200 PR, packed in pairs in CT	100 PR, packed in pairs in CT	15 PR, loose in CT	100 PR, packed in pairs in CT

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



2112010


2112001  
2112094  
2112013  
2112133

### 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
- additional requirement: W, X, S, V, E<sub>1</sub>

uvex x-fit				
Art. no.	2112001	2112094	2112013	2112133
Design	without cord	without cord	without cord	without cord
Standard	EN 352-2	EN 352-2	EN 352-2	EN 352-2
Colour	lime	lime	lime	lime
Order unit	CT	CT	CT	CT
Content	200 PR, packed in pairs in CT	100 PR, packed in pairs in CT	50 PR, loose in CT	15 PR, in pairs in CT

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


2112060  
2112093

### 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
- additional requirement: W, X, S, V, E<sub>1</sub>

uvex xtra-fit				
Art. no.	2112060	2112093		
Design	without cord	without cord		
Standard	EN 352-2	EN 352-2		
Colour	orange	orange		
Order unit	BG	CT		
Content	200 PR, packed in pairs in BG	100 PR, packed in pairs in CT		

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



2112000  
2111988

2111989



2111990

2111991

2111992

## uvex dispenser “one2click”

- Easy-to-use and robust hearing protection dispenser with two different mounting options
- Earplugs available to hand with just one click
- ensures hygienic dispensing whenever it's needed
- magnetic wall mount requires no drilling
- can be refilled even if the container is not empty
- Collecting tray prevents earplugs from falling on the floor
- Suitable for all uvex disposable earplugs
- Quantities: 600 pairs (xtra-fit 500 pairs)
- Magnetic variant for flexible use on all magnetic surfaces (2112988)
- stationary wall mounting using screws (2112000)
- Magnetic wall mount can be retrofitted individually (2112989)

### uvex dispenser “one2click”

<b>Art. no.</b>	2112000	2111988
<b>Mounting</b>	empty, screw mounting	empty, magnetic mounting
<b>Order unit</b>	CT	CT

### uvex magnetic bracket for dispenser

<b>Art. no.</b>	2111989
<b>Mounting</b>	retrofit kit for dispenser for magnetic mounting
<b>Material</b>	polished steel
<b>Order unit</b>	CT

### uvex dispenser “one2click”

<b>Art. no.</b>	2111990	2111991	2111992
<b>Type</b>	ready to use (filled), screw mounting	ready to use (filled), screw mounting	ready to use (filled), screw mounting
	600 pairs of x-fit	600 pairs of com4-fit	600 pairs of hi-com
<b>Order unit</b>	CT	CT	CT

► For the ready-to-use magnetic version, the magnetic plate (2112989) must be ordered separately

## uvex dispenser “one2click” – Refill packs

	uvex x-fit	uvex com4-fit	uvex xact-fit
<b>Art. no.</b>	2112022	2112023	2124003
<b>Design</b>	without cord	without cord	replacement earplugs
<b>Standard</b>	EN 352-2 additional requirement: S, V, W, E,	EN 352-2 additional requirement: S, V, W, E,	EN 352-2 additional requirement: W
<b>SNR</b>	37 dB (see page 83)	33 dB (see page 83)	26 dB (see page 86)
<b>Colour</b>	lime	light orange	lime
<b>Size</b>	M	S	M
<b>Order unit</b>	CT	CT	CT
<b>Content</b>	300 PR, loose in CT	300 PR, loose in CT	400 PR, loose in CT

	uvex hi-com	uvex hi-com	uvex xtra-fit
<b>Art. no.</b>	2112118	2112119	2112061
<b>Design</b>	without cord	without cord	without cord
<b>Standard</b>	EN 352-2 additional requirement: W	EN 352-2 additional requirement: W	EN 352-2 additional requirement: S, V, W, E,
<b>SNR</b>	24 dB (see page 82)	24 dB (see page 82)	36 dB (see page 83)
<b>Colour</b>	lime	beige	orange
<b>Size</b>	M	M	L
<b>Order unit</b>	CT	CT	BG
<b>Content</b>	300 PR, loose in CT	300 PR, loose in CT	250 PR, loose in BG



# Hearing Protection

Making the right choice is essential



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

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

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

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

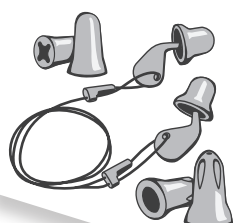
The objective when choosing suitable hearing protection is to achieve an effective residual noise level of between 70 dB and 80 dB for the wearer.

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

Example:

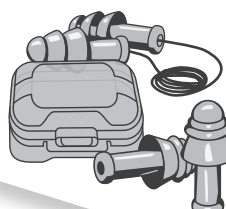
**Noise level 100 dB – uvex xact-fit, SNR 26 dB = 74 dB**

### RANGE



uvex disposable hearing protection plugs

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

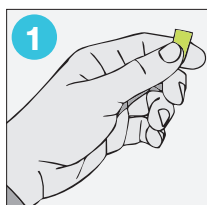


uvex reusable ear plugs

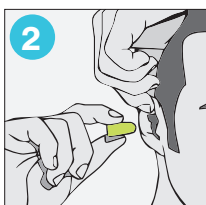
Readily available and easy to clean: uvex reusable ear plugs with hygiene box are reliable companions for your everyday work.

### USE

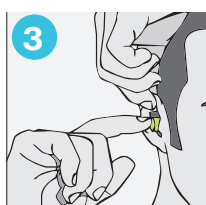
To guarantee optimum hearing protection, uvex disposable hearing protection plugs must be used correctly.



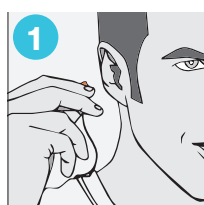
1 Briefly roll down uvex disposable hearing protection plugs.



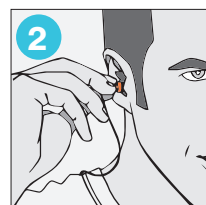
2 Put your arm over your head and move the ear slightly upwards to straighten your auditory canal. This achieves a better fit.



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.



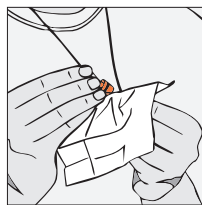
2 Insert uvex ear plugs into the auditory canal, applying gentle pressure.

### HYGIENE

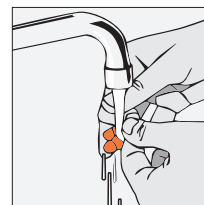
In dirty working environments, particles can easily stick to the surface of materials and cause minor injuries in the ears.



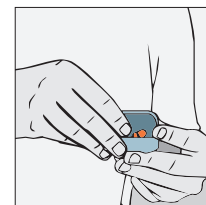
Please dispose of uvex disposable hearing protection plugs after each use.



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

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



Simply scan in the adjacent QR code with a smartphone or tablet.

You can also watch the application videos online using the following link: [uvex-safety.com/plugs](https://uvex-safety.com/plugs)

# Hearing Protection

Disposable earplugs · Reusable earplugs · uvex xact-fit



## 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
- additional requirement: W (2124001)

uvex xact-fit	uvex xact-fit replacement earplugs
<b>Art. no.</b> 2124001	2124002
<b>Design</b> with reusable pin, in minibox	replacement earplugs, in minibox
<b>Standard</b> EN 352-2	EN 352-2
<b>Colour</b> lime	lime
<b>Order unit</b> CT	CT
<b>Content</b> 50 PR, packed in pairs in CT	250 PR, CT of 5 pairs

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 xact-fit multi reusable

- Reusable earplugs with thumb indentations
- oval-shaped earplugs mimics the natural shape of the ear canal for optimum fit and comfort
- interchangeable replacement earplugs
- can be handled with dirty hands or while wearing gloves
- available in two sizes
- additional requirement: W

uvex xact-fit multi reusable S	
<b>Art. no.</b> 2124019	2124017
<b>Design</b> with oval-shaped reusable earplugs, in minibox	with oval-shaped reusable earplugs, in earplug box
<b>Standard</b> EN 352-3	EN 352-3
<b>Colour</b> grey, transparent	grey, transparent
<b>Size</b> S	S
<b>Order unit</b> CT	CT
<b>Content</b> 50 PR, packed in pairs in CT	50 PR, packed in pairs in CT

uvex xact-fit multi reusable M/L	
<b>Art. no.</b> 2124020	2124018
<b>Design</b> with oval-shaped reusable earplugs, in minibox	with oval-shaped reusable earplugs, in earplug box
<b>Standard</b> EN 352-3	EN 352-3
<b>Colour</b> grey, transparent	grey, transparent
<b>Size</b> M/L	M/L
<b>Order unit</b> CT	CT
<b>Content</b> 50 PR, packed in pairs in CT	50 PR, packed in pairs in CT

SNR: 26 dB	H: 27 dB	M: 23 dB	L: 22 dB					
f/Hz	125	250	500	1000	2000	4000	8000	
MA dB	26.9	25.4	26.1	28.3	31.9	32.8	37.2	
SD dB	4.4	4.5	5.4	5.5	4	6.9	6.7	
APV dB	22.5	20.9	20.7	22.8	27.9	25.9	30.5	



# Hearing Protection

## Reusable ear plugs


minibox  
2111201

2111237


minibox  
2111212

2111238



2111235

### uvex whisper

- easy-to-clean corded earplugs
- smooth, dirt-repellent surface can be easily cleaned using soap and water
- earplug box for hygienic storage when not in use
- with the cord, the earplugs are conveniently to hand – in low-noise areas, the earplugs can be worn comfortably around the neck
- additional requirement: W, S

uvex whisper	
Art. no.	2111201
Design	with cord, in minibox
Standard	EN 352-2
Colour	orange
Order unit	CT
Content	50 PR, in pairs in CT

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

### uvex whisper +

- easy-to-clean reusable corded earplugs
- smooth, dirt-repellent surface can be easily cleaned using soap and water
- earplug box for hygienic storage when not in use
- with the cord, the earplugs are conveniently to hand – in low-noise areas, the earplugs can be worn comfortably around the neck
- additional requirement: W, X, S, V, E<sub>1</sub>

uvex whisper +	
Art. no.	2111212
Design	with cord, in minibox
Standard	EN 352-2
Colour	lime
Order unit	CT
Content	50 PR, in pairs in CT

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

### uvex whisper supreme

- easy-to-clean reusable corded earplugs
- smooth, dirt-repellent surface can be easily cleaned using soap and water
- earplug box for hygienic storage when not in use
- with the cord, the earplugs are conveniently to hand – in low-noise areas, the earplugs can be worn comfortably around the neck
- additional requirement: W

uvex whisper supreme	
Art. no.	2111235
Design	with cord, in earplug box
Standard	EN 352-2
Colour	yellow
Order unit	CT
Content	50 PR, in pairs in CT

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

MADE IN SWEDEN

# Hearing Protection

## Detectable ear plugs



### 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
- additional requirement: W

uvex hi-com detec

Art. no.	2112114
Design	with cord, detectable
Standard	EN 352-2
Colour	blue
Order unit	CT
Content	100 PR, in pairs in CT

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	

### 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
- additional requirement: W, X, S, V, E<sub>1</sub>

uvex x-fit detec

Art. no.	2112011
Design	with cord, detectable
Standard	EN 352-2
Colour	blue
Order unit	CT
Content	100 PR, in pairs in CT

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 xact-fit detec

- disposable plugs with integrated metal elements make 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
- additional requirement: W (2124011)

uvex xact-fit detec

Art. no.	2124011	2124013
Design	with reusable pin, detectable	replacement earplugs
Standard	EN 352-2	EN 352-2
Colour	blue	blue
Order unit	CT	CT
Content	50 PR, in pairs in CT	400 PR, loose in CT

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	

MADE IN SWEDEN



# Hearing Protection

## Detectable ear plugs


minibox  
2111261

2111262

### uvex whisper detec

- easy-to-clean reusable corded earplugs
- smooth, dirt-repellent surface can be easily cleaned using mild soap and water
- earplug box for hygienic storage when not in use
- integrated metal parts and the blue colour ensure the earplugs can be detected in a production environment
- thanks to the cord, the earplugs are always conveniently to hand – in low-noise areas, the earplugs can be worn around the neck
- additional requirement: W, S

uvex whisper detec	
Art. no.	2111261
Design	with cord detectable, in minibox
Standard	EN 352-2
Colour	blue
Order unit	CT
Content	50 PR, in pairs in CT

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


minibox  
2111260

2111239

### uvex whisper+ detec

- easy-to-clean reusable corded earplugs
- smooth, dirt-repellent surface can be easily cleaned using mild soap and water
- earplug box for hygienic storage when not in use
- integrated metal parts and the blue colour ensure the earplugs can be detected in a production environment
- thanks to the cord, the earplugs are always conveniently to hand – in low-noise areas, the earplugs can be worn around the neck
- additional requirement: W, X, S, V, E<sub>i</sub>

uvex whisper+ detec	
Art. no.	2111260
Design	with cord detectable, in minibox
Standard	EN 352-2
Colour	blue
Order unit	CT
Content	50 PR, in pairs in CT

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

MADE IN SWEDEN

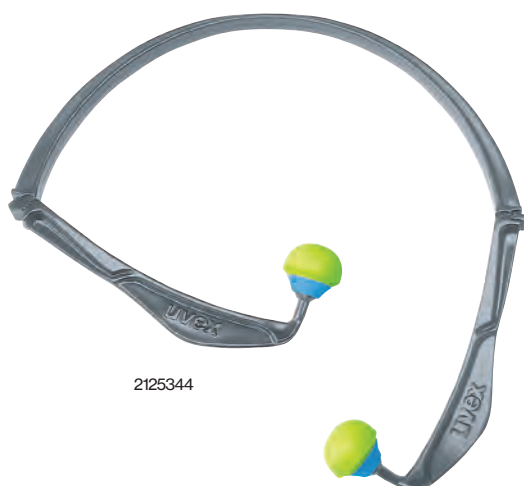


# Hearing Protection

## Banded hearing protection

SNR  
dB  
24


2125361

SNR  
dB  
23


2125344

SNR  
dB  
26

2124002  
2124003

2125372

### 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
- replaceable earplugs
- seal forms at the opening of the ear canal meaning there is no pressure in the ear
- additional requirement: W, E<sub>3</sub> (2125361)

uvex x-cap		
Art. no.	2125361	2125351
Design	with band	replacement earplugs
Standard	EN 352-2	
Colour	grey, sky blue, lime	sky blue, lime
Order unit	CT	CT
Content	15 PC, individually packed in CT	60 PR, CT of 5 pairs

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

uvex x-fold		
Art. no.	2125344	2125351
Design	with foldable band	replacement earplugs
Standard	EN 352-2	
Colour	grey, sky blue, lime	sky blue, lime
Order unit	CT	CT
Content	5 PC, individually packed in CT	60 PR, CT of 5 pairs

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

- extremely low weight – just 4 grams
- seal forms inside the ear canal, just like disposable plugs
- integrated sound absorbers reduce noise transmission through the band
- replacement earplugs can be dispensed through the standard uvex wall mounted dispenser unit
- banded ear protector
- thumb indentations on the stems for quick and easy fitting

uvex xact-band			
Art. no.	2125372	2124002	2124003
Design	with band	replacement earplugs	replacement earplugs
Standard	EN 352-2		
Colour	grey, sky-blue, lime	lime	lime
Order unit	CT	CT	CT
Content	5 PC, individually packed in CT	250 PR, CT of 5 pairs	400 PR, loose in CT

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

MADE IN SWEDEN

# Hearing Protection

## K series · Features



Padded headbands  
for optimum wearer comfort.

Low weight  
noticeably increases wearing  
comfort.

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

### 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 lightweight

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.



#### Dielectric

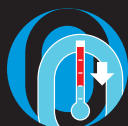
Metal-free earmuffs suitable for use in workplace environments with exposure to electrical voltage.

### 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 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 workplace environments with exposure to electrical voltage.

### uvex K1H · uvex K2H · uvex K1P · uvex K2P



#### 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

SNR  
dB  
28



2600001



### uvex K1

- earmuffs 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>	2600001
<b>Design</b>	with headband
<b>Standard</b>	EN 352-1
<b>Weight</b>	180 g
<b>Colour</b>	black, green
<b>Order unit</b>	PC

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

SNR  
dB  
32



2600002



### 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>	2600002
<b>Design</b>	with headband
<b>Standard</b>	EN 352-1
<b>Weight</b>	217 g
<b>Colour</b>	black, yellow
<b>Order unit</b>	PC

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

SNR  
dB  
31



2600012



### uvex K2 foldable

- Dielectric earmuffs with length adjustment and foldable headband
- Lightweight with a small cup
- Extra-soft memory foam ear cushions for wearer comfort
- Hi-vis design for improved wearer visibility

uvex K2 foldable	
<b>Art. no.</b>	2600012
<b>Design</b>	with foldable headband
<b>Standard</b>	EN 352-1
<b>Weight</b>	229 g
<b>Colour</b>	neon lime
<b>Order unit</b>	PC

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


**SNR  
dB**  
**33**


2600003



### 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>	2600003
<b>Design</b>	with headband
<b>Standard</b>	EN 352-1
<b>Weight</b>	297 g
<b>Colour</b>	black, red
<b>Order unit</b>	PC

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

**SNR  
dB**  
**35**


2600004



### 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>	2600004
<b>Design</b>	with headband
<b>Standard</b>	EN 352-1
<b>Weight</b>	356 g
<b>Colour</b>	neon lime
<b>Order unit</b>	PC

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

**SNR  
dB**  
**28**


2600200



### 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>	2600200
<b>Design</b>	with 360° headband rotatable
<b>Standard</b>	EN 352-1
<b>Weight</b>	173 g
<b>Colour</b>	black, ochre
<b>Order unit</b>	PC

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

**SNR**  
dB  
**29**



2600000



2600010



2600011



2600013



### uvex K Junior

- earmuffs with shorter headband
- suitable for head widths up to 145 mm, equivalent to sizes S/M
- padded headband and soft cushions for optimum wearer comfort

uvex K Junior				
Art. no.	2600000	2600010	2600011	2600013
Design	with shorter headband	with shorter headband	with shorter headband	with shorter headband
Standard	EN 352-1	EN 352-1	EN 352-1	EN 352-1
Weight	173 g	173 g	173 g	173 g
Colour	yellow	blue	lime	pink
Order unit	PC	PC	PC	PC

SNR: 29 dB	H: 34 dB	M: 29 dB	L: 21 dB						
f/Hz		125	250	500	1000	2000	4000	8000	
MA dB		15.9	17.0	27.2	37.0	34.5	39.9	39.1	
SD dB		3.6	2.4	2.7	3.3	3.3	3.1	3.6	
APV dB		12.3	14.6	24.5	34.0	31.2	36.8	35.6	

# Hearing Protection

## Helmet earmuffs



### uvex K1H

- for helmets with 30-mm Euroslot
- not compatible with the uvex pheos visor 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								
Art. no.	2600201							
Design	helmet earmuffs for 30-mm Euroslot							
Standard	EN 352-3							
Weight	210 g							
Colour	black, green							
Order unit	PR							

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

- for helmets with 30-mm Euroslot
- not compatible with the uvex pheos visor 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								
Art. no.	2600202							
Design	helmet earmuffs for 30-mm Euroslot							
Standard	EN 352-3							
Weight	251 g							
Colour	black, yellow							
Order unit	PR							

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	

## Combination options

Compatible with the following products:

uvex industrial safety helmets uvex pheos ABS, uvex pheos B, uvex pheos B-WR, uvex pheos B-S-WR, uvex pheos IES, uvex pheos alpine (page 102 onwards) together with the K1H or K2H helmet earmuffs (page 95) and the 9790 visor (page 122)



all uvex pheos models  
except uvex pheos E,  
as it is not dielectric



uvex pheos alpine



## 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 earmuffs

---

### 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 earmuffs

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

# Hearing Protection

## uvex pheos helmet earmuffs


SNR  
dB  
28


2600216


uvex pheos K2P  
bayonet connection

uvex pheos K2P  
magnetic connection

SNR  
dB  
30

2600214  
2600215


## uvex pheos K1P · uvex pheos K2P

- Wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods
- 360° rotation for standby and resting positions
- Helmet earmuffs can only be used with uvex pheos visors
- available as a bayonet variant so it can be attached and removed quickly and easily without tools

- available as a magnetic variant so the earmuffs can be quickly and easily attached and removed without having to take off the helmet
- easy, convenient height adjustment of earmuffs
- dielectric

### uvex pheos K1P

<b>Art. no.</b>	2600216
<b>Design</b>	bayonet connection
<b>Standard</b>	EN 352-3
<b>Weight</b>	191 g
<b>Colour</b>	black, grey
<b>Order unit</b>	PR

### uvex pheos K1P bayonet connection:

SNR: 28 dB	H: 34 dB	M: 25 dB	L: 18 dB					
f/Hz	125	250	500	1000	2000	4000	8000	
MA dB	14.2	17.5	24.3	32.9	37.5	37.3	38.3	
SD dB	2.4	2.6	3.1	3.1	3.2	3	2.7	
APV dB	11.8	14.9	21.3	29.8	34.3	34.3	35.5	

### uvex pheos K2P

<b>Art. no.</b>	2600214	2600215
<b>Design</b>	bayonet connection	magnetic connection
<b>Standard</b>	EN 352-3	EN 352-3
<b>Weight</b>	235 g	240 g
<b>Colour</b>	black, yellow	black, yellow
<b>Order unit</b>	PR	PR

### uvex pheos K2P bayonet connection:

SNR: 30 dB	H: 35 dB	M: 27 dB	L: 20 dB					
f/Hz	125	250	500	1000	2000	4000	8000	
MA dB	16.1	20	26.9	35.9	37.8	39.2	39.7	
SD dB	2.2	2.6	3.2	4	3.7	3.7	3.2	
APV dB	13.9	17.4	23.8	31.8	34	35.5	36.5	

### uvex pheos K2P magnetic connection:

SNR: 30 dB	H: 35 dB	M: 27 dB	L: 20 dB					
f/Hz	125	250	500	1000	2000	4000	8000	
MA dB	16.2	20.1	26.9	35.4	37.0	39.2	41.0	
SD dB	1.8	3.3	3.5	3.4	3.0	4.1	2.6	
APV dB	14.4	16.8	23.4	32.0	33.9	35.2	38.4	

### Magnetic helmet adapter

<b>Art. no.</b>	9790078
<b>Design</b>	helmet adapter for magnetic helmet earmuffs
<b>Order unit</b>	PR

The adapter can be retrofitted to a helmet at any time via the 30-mm Euroslot. The adapter only fits uvex pheos and uvex pheos alpine helmets.



9790078

# Hearing Protection

## Accessories



6177116



2111404



2134000



2599971  
2599972



2599978



2000002

### uvex clear otoplastics

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

uvex clear otoplastics	
Art. no.	6177116
Content	30 towelettes per PC
Order unit	PC

### uvex earplug box

- box for hygienic earplug storage
- compact and dirt-resistant design
- for one pair of reusable earplugs with cord
- or two pairs of reusable earplugs without cord

uvex earplug box	
Art. no.	2111404
Design	earplugs not included
Colour	transparent
Content	50 PC per Box
Order unit	CT

### Wall bracket for dispenser box

- plexiglas wall-mounted dispenser, suitable for uvex x-fit (2112001, 2112010, 2112011), uvex com4-fit (2112004, 2112012), uvex one-fit (2112045), uvex xtra-fit (2112060), uvex hi-com (2112100, 2112101, 2112106, 2112114).

Wall bracket for dispenser box	
Art. no.	2134000
Material	PMMA
Colour	transparent
Order unit	PC

### uvex K Series - Hygiene kits

	uvex K series hygienekit standard	uvex K series hygienekit-premium
Art. no.	2599971	2599972
Design	accessories for uvex K1, uvex K1H, uvex K1P, uvex K200, uvex K junior	accessories for uvex K2, uvex K2 folable, uvex K2H, uvex K2P, uvex K3, uvex K4
Content	2 ear pads and 2 muffling pads in BG	2 ear pads and 2 muffling pads in BG
Order unit	BG	BG

### uvex K series comfort pads "uvex dry pads"

- accessories for all models in the uvex K series
- the comfort pads can be attached to the sealing cushions to absorb moisture and sweat

uvex K series comfort pads "uvex dry pads"	
Art. no.	2599978
Design	self-adhesive, suitable for all models in the uvex K series
Content	10 Pads in BG
Order unit	BG

### uvex earmuff bag

uvex earmuff bag	
Art. no.	2000002
Design	with belt loop and hook-and-loop fastener
Order unit	PC



# Hearing protection

## Marketing material



### Hearing protection guide

- 25 pages
- with Euro holes
- includes all essential information about hearing protection
- art. no.: 1001.214 (German)
- art. no.: 1001.215 (English)



### Hearing protection tester box

Find the perfect hearing protection for you:

- box containing selection of uvex disposable/ reusable and detectable hearing protection earplugs plus uvex xact-band banded ear protectors
- article number: 1000929



### Sample case for ear-plugs

- empty, with six compartments for earmuffs
- art. no.: 2599966



### Usage poster

Article numbers

- 1001.165 (German)
- 1001.166 (English)
- Size: A2



### uvex Decibel app

- free from the App Store

# Hearing Protection

## Overview

Art. no.	Name	Product	Colour	Content
2000002		Earmuff bag		PC
2111201	uvex whisper	Reusable earplugs with cord in a mini box	orange	50 PR, in pairs in CT
2111212	uvex whisper+	Reusable earplugs with cord in a mini box	lime	50 PR, in pairs in CT
2111235	uvex whisper supreme	Reusable earplugs with cord in earplug box	yellow	50 PR, in pairs in CT
2111237	uvex whisper	Reusable earplugs with cord in earplug box	orange	50 PR, in pairs in CT
2111239	uvex whisper+ detec	Detectable reusable earplugs with cord in earplug box	blue	50 PR, in pairs in CT
2111260	uvex whisper+ detec	Reusable earplugs with cord in a mini box		50 PR, in pairs in CT
2111261	uvex whisper detec	Reusable earplugs with cord in a mini box		50 PR, in pairs in CT
2111262	uvex whisper detec	Reusable earplugs with cord in a mini box		50 PR, in pairs in CT
2111404		uvex earplug box	transparent	CT
2111988	one 2 click	dispenser, empty, magnetic		CT
2111989		Magnetic wall bracket for dispenser		CT
2111990	one 2 click	Dispenser filled with 600 pairs of x-fit earplugs		600 PR, x-fit
2111991	one 2 click	Dispenser filled with 600 pairs of com4-fit earplugs		600 PR, xcom4-fit
2111992	one 2 click	Dispenser filled with 600 pairs of hi-com earplugs		600 PR, hi-com
2112000	one 2 click	Dispenser for 600 pairs of earplugs, empty		CT
2112001	uvex x-fit	Disposable earplugs without cord	lime	200 PR, packed in pairs in CT
2112004	uvex com4-fit	Disposable earplugs without cord	light orange	200 PR, packed in pairs in CT
2112010	uvex x-fit	Disposable earplugs with cord	lime	100 PR, packed in pairs in CT
2112011	uvex x-fit detec	Detectable disposable earplugs with cord	blue	100 PR, in pairs in CT
2112012	uvex com4-fit	Disposable earplugs with cord	light orange	100 PR, packed in pairs in CT
2112013	uvex x-fit	Disposable earplugs without cord		50 PR, loose in CT
2112022	uvex x-fit	Refill box	lime	300 PR, loose in CT
2112023	uvex com4-fit	Refill box	light orange	300 PR, loose in CT
2112060	uvex xtra-fit	Disposable earplugs without cord	orange	200 PR, packed in pairs in BG
2112061	uvex xtra-fit	Refill box	orange	250 PR, loose in BG
2112093	uvex xtra-fit	Minidispenser Box	orange	100 PR, packed in pairs in CT
2112094	uvex x-fit	Minidispenser Box	lime	100 PR, packed in pairs in CT
2112095	uvex hi-com	Minidispenser Box	lime	100 PR, packed in pairs in CT
2112096	uvex com4-fit	Minidispenser Box	light orange	100 PR, packed in pairs in CT
2112100	uvex hi-com	Disposable earplugs without cord	lime	200 PR, packed in pairs in CT
2112101	uvex hi-com	Disposable earplugs with cord	lime	100 PR, packed in pairs in CT
2112106	uvex hi-com	Disposable earplugs without cord	beige	200 PR, packed in pairs in CT
2112114	uvex hi-com detec	Detectable disposable earplugs with cord	blue	100 PR, in pairs in CT
2112118	uvex hi-com	Refill box	lime	300 PR, loose in CT
2112119	uvex hi-com	Refill box	beige	300 PR, loose in CT
2112131	uvex com4-fit	Refill box	light orange	15 PR, loose in CT
2112133	uvex x-fit	Disposable earplugs without cord		15 PR, loose in CT
2124001	uvex xact-fit	Earplugs with cord and pin	lime, grey	50 PR, packed in pairs in CT
2124002	uvex xact-fit	Replacement earplugs	lime	250 PR, CT of 5 pairs
2124003	uvex xact-fit	Refill box	lime	400 PR, loose in CT
2124011	uvex xact-fit detec	Detectable earplugs with pin	blue	50 PR, in pairs in CT
2124013	uvex xact-fit detec	Refill box	blue	400 PR, loose in CT
2124017	uvex xact-fit multi reusable S	Reusable earplugs with oval-shaped reusable plugs	grey, transparent	50 PR, packed in pairs in CT
2124018	uvex xact-fit multi reusable M/L	Reusable earplugs with oval-shaped reusable plugs	grey, transparent	50 PR, packed in pairs in CT
2124019	uvex xact-fit multi reusable S	Reusable earplugs with oval-shaped reusable plugs	grey, transparent	50 PR, packed in pairs in CT
2124020	uvex xact-fit multi reusable M/L	Reusable earplugs with oval-shaped reusable plugs	grey, transparent	50 PR, packed in pairs in CT
2125344	uvex x-fold	Folding banded ear protector	grey, sky blue, lime	5 PC, individually packed in CT
2125351		Replacement earplugs for uvex x-cap and uvex x-fold	sky blue, lime	60 PR, CT of 5 pairs
2125361	uvex x-cap	Banded ear protector	grey, sky blue, lime	15 PC, individually packed in CT
2125372	uvex xact-band	Banded ear protector	grey, sky blue, lime	5 PC, individually packed in CT
2134000		Wall-mounted dispenser		PC
2599971		Hygiene kit uvex K series standard		2 ear pads and 2 muffling pads in BG
2599972		Hygiene kit uvex K series premium		2 ear pads and 2 muffling pads in BG
2599978		Comfort pads		10 Pads in BTL
2600000	uvex K junior	Passive earmuffs	yellow, black	PC
2600001	uvex K1	Passive earmuffs	black, green	PC
2600002	uvex K2	Passive earmuffs	black, yellow	PC
2600003	uvex K3	Passive earmuffs	black, red	PC
2600004	uvex K4	Passive earmuffs	neon lime	PC
2600010	uvex K junior	Passive earmuffs	blue	PC
2600011	uvex K junior	Passive earmuffs	lime	PC
2600012	uvex K2 foldable	Passive earmuffs	neon lime	PC
2600013	uvex K junior	Passive earmuffs	pink	PC
2600200	uvex K200	Passive earmuffs	black, ochre	PC
2600201	uvex K1H	Earmuffs with helmet attachment	black, green	PR
2600202	uvex K2H	Earmuffs with helmet attachment	black, yellow	PR
2600214	uvex pheos K2P	Earmuffs with helmet attachment	black, yellow	PR
2600215	uvex pheos K2P	Earmuffs with helmet attachment	black, yellow	PR
2600216	uvex pheos K1P	Earmuffs with helmet attachment	black, green	PR
6177116	uvex clear otoplastics	silicone-free towelettes		30 towelettes, PC
9790078		Helmet adapter	black	PR



Safety Helmets



# 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
- chinstrap 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 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



uvex pheos alpine



## 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.



#### Integrated Eyewear System

The nose piece of uvex pheos / pheos s / i-works safety spectacle is clicked into the mount and locked into the sliding element in the interior of the helmet.



#### 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.



9772040



9772140



9772240



9772340



9772540

### 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
- fitted with the 9760007 sweatband
- six-point textile band attachment ensures optimal fit and comfort

uvex pheos IES with wheel ratchet system					
Art. no.	9772040	9772140	9772240	9772340	9772540
Colour	white	yellow	orange	red	blue
Version	with long brim				
Material	HDPE	HDPE	HDPE	HDPE	HDPE
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
Order unit	PC	PC	PC	PC	PC
Outer packaging	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT

MADE IN GERMANY





# Safety Helmets

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



## 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)
- fitted with the 9760005 sweatband
- six-point textile band attachment ensures optimal fit and comfort

uvex pheos B with conventional suspension harness

Art. no.	9772020	9772120	9772220	9772320	9772520	9772920
Colour	white	yellow	orange	red	blue	black
Version	with long brim					
Material	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE
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
Order unit	PC	PC	PC	PC	PC	PC
Outer packaging	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT

uvex pheos B-WR with wheel ratchet system

Art. no.	9772030	9772130	9772230	9772330	9772430	9772530	9772930
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
Material	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE
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
Order unit	PC	PC	PC	PC	PC	PC	PC
Outer packaging	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT



## 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

- fitted with the 9760005 sweatband
- shorter brim for a wider field of upward vision
- six-point textile band attachment ensures optimal fit and comfort

uvex pheos B-S-WR with wheel ratchet system

Art. no.	9772031	9772131	9772231	9772332	9772531	9772832	9772932
Colour	white	yellow	orange	red	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
Material	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE
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
Order unit	PC	PC	PC	PC	PC	PC	PC
Outer packaging	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT

MADE IN GERMANY



# Safety Helmets

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



## 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)
- fitted with the 9760005 (uvex pheos E) or 9760009 (uvex pheos E-WR) sweatband
- six-point textile band attachment ensures optimal fit and comfort

uvex pheos E with conventional suspension harness		
Art. no.	9770020	9770120
Colour	white	yellow
Version	with long brim	with long brim
Material	HDPE	HDPE
Standard	EN 397	EN 397
	-30 °C, MM	-30 °C, MM
	EN 50365, 1000 V AC	EN 50365, 1000 V AC
Sizes	51 to 61 cm	51 to 61 cm
Order unit	PC	PC
Outer packaging	25 PC per CT	25 PC per CT

uvex pheos E-WR with wheel ratchet system							
Art. no.	9770030	9770130	9770230	9770330	9770430	9770530	9770830
Colour	white	yellow	orange	red	green	blue	dark grey
Version	with long brim	with long brim	with long brim	with long brim	with long brim	with long brim	with long brim
Material	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE
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
	EN 50365, 1000 V AC	EN 50365, 1000 V AC	EN 50365, 1000 V AC	EN 50365, 1000 V AC	EN 50365, 1000 V AC	EN 50365, 1000 V AC	EN 50365, 1000 V AC
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
Order unit	PC	PC	PC	PC	PC	PC	PC
Outer packaging	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT



## 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
- fitted with the 9760009 sweatband
- shorter brim for a wider field of upward vision
- six-point textile band attachment ensures optimal fit and comfort

uvex pheos E-S-WR with wheel ratchet system								
Art. no.	9770031	9770131	9770231	9770331	9770431	9770531	9770832	9770931
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
Material	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE
Standard	EN 397	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	-30 °C, MM
	EN 50365	EN 50365	EN 50365	EN 50365	EN 50365	EN 50365	EN 50365	EN 50365
	1000 V AC	1000 V AC	1000 V AC	1000 V AC	1000 V AC	1000 V AC	1000 V AC	1000 V AC
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	52 to 61 cm
Order unit	PC	PC	PC	PC	PC	PC	PC	PC
Outer packaging	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT	25 PC per CT

MADE IN GERMANY





# Safety Helmets

uvex 9780 antistatic · uvex 9780 antistatic-WR · reflex set



9780020



9780030

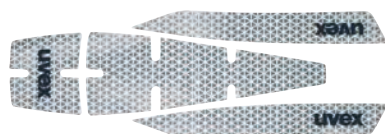


9780550

## uvex 9780 antistatic · uvex 9780 antistatic-WR

- three variable air vents for maximum ventilation
- side Euroslot adapters (30 mm) for attaching earmuffs
- meets standard EN 397 and additional requirement for molten metal (MM) splash
- antistatic in accordance with DIN EN 60079-32-2
- six-point textile band attachment ensures ideal fit and comfort
- fitted with the 9760005 sweatband
- conventional suspension harness for individual, comfortable adjustable fit (uvex 9780 antistatic)
- suspension harness with wheel ratchet system for variable width adjustment (uvex 9780 antistatic WR)

	uvex 9780 antistatic	uvex 9780 antistatic-WR	
<b>Art. no.</b>	9780020	9780030	9780550
<b>Colour</b>	white	white	sky blue
<b>Version</b>	with long brim	with long brim	with long brim
<b>Material</b>	PP	PP	PP
<b>Standard</b>	EN 397, MM	EN 397, MM	EN 397, MM
	IEC 60079-32	IEC 60079-32	IEC 60079-32
<b>Sizes</b>	51 to 61 cm	52 to 61 cm	52 to 61 cm
<b>Order unit</b>	PC	PC	PC
<b>Outer packaging</b>	25 PC per CT	25 PC per CT	25 PC per CT



9790018


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	
<b>Art. no.</b>	9790018
<b>Order unit</b>	PC

## 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
9772026	white	uvex pheos B with reflective sticker
9772126	yellow	uvex pheos B with reflective sticker
9772226	orange	uvex pheos B with reflective sticker
9772326	red	uvex pheos B with reflective sticker
9772526	blue	uvex pheos B with reflective sticker
9772926	black	uvex pheos B with reflective sticker
9772035	white	uvex pheos B-WR with reflective sticker
9772138	yellow	uvex pheos B-WR with reflective sticker
9772236	orange	uvex pheos B-WR with reflective sticker
9772437	green	uvex pheos B-WR with reflective sticker
9772538	blue	uvex pheos B-WR with reflective sticker
9772936	black	uvex pheos B-WR with reflective sticker
9772038	white	uvex pheos B-S-WR with reflective sticker
9772137	yellow	uvex pheos B-S-WR with reflective sticker
9772239	orange	uvex pheos B-S-WR with reflective sticker
9772334	red	uvex pheos B-S-WR with reflective sticker
9772537	blue	uvex pheos B-S-WR with reflective sticker
9770026	white	uvex pheos E with reflective sticker
9770126	yellow	uvex pheos E with reflective sticker
9770036	white	uvex pheos E-WR with reflective sticker
9770136	yellow	uvex pheos E-WR with reflective sticker
9770536	blue	uvex pheos E-WR with reflective sticker
<b>Order quantity multiples/ 25 PC</b>		
<b>Order unit</b>		

# Forestry worker set

Specially developed to meet the needs of forestry workers



## Perfect 'resting position' for the visor and hearing protection

Based on the uvex pheos visor system, the visor can be locked above the helmet shell when not required and the hearing protection can be folded back. Everything fits closely to the helmet and is perfectly balanced over the body's centre of gravity. This means the neck muscles are not placed under strain by any unnecessary weight, ensuring excellent wearer comfort and maximum freedom of movement. So hitting or getting caught on overhead branches is now a thing of the past. Plus, your view is not restricted by the visor when in the resting position (visor open) either.



## Perfect helmet climate:

Three variable air vents ensure maximum ventilation. In cold weather, the vents can easily be closed from the outside using sliders. Ventilation in the direction of movement ensures optimum air flow.

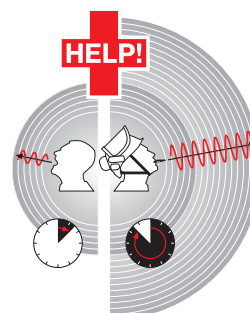


Emergency whistle included in uvex pheos forestry set



## Wide range of accessories

The set comes as standard with a four-point chin strap and signal whistle. In the event of an emergency, the signal whistle makes it possible to emit a sustained rescue or warning signal over two frequencies and is significantly louder than the human voice: extremely loud for maximum range. Made from a single piece without moving parts to reliably ensure long-term functionality. Clipped into the helmet and therefore always at hand in an emergency. Alternatively, the whistle can be attached to a key ring or a cord.



## High wearer comfort

Thanks to soft sweatband and wheel ratchet padding.



# Safety Helmets

uvex pheos forestry · uvex pheos ABS



Further information can be found at [uvex-safety.com/en/forestryset](https://uvex-safety.com/en/forestryset) (or scan the QR code).



## uvex pheos forestry

- set specially developed to meet the needs of forestry workers, consisting of the uvex pheos ABS B-S-WR, uvex pheos forestry visor and uvex pheos K2P mechanical
- labelled with label set, including pre-attached chin strap and signal whistle
- meets standards EN 166, 1731, 352-1 and 397 and additional requirement for very low temperatures (-30 °C)
- fully integrated metal mesh visor with high transmission (transparency) protects against foreign objects and ensures a clear view
- high-insulation earmuffs (SNR: 30 dB) round off the system perfectly and reliably protect against noise produced by chainsaws and brush cutters
- three variable air vents for maximum ventilation, offering ventilation in the direction of movement
- suspension harness with wheel ratchet system enables the width to be variably adjusted with just one hand

### uvex pheos forestry - pre-assembled set

Art. no.	9774236	9774237	9774238
Colour	yellow	orange	red
Version	with short brim	with short brim	with short brim
Material	ABS	ABS	ABS
Standard	EN 397, -30 °C, MM EN 1731:2006-F EN 352-3	EN 397, -30 °C, MM EN 1731:2006-F EN 352-3	EN 397, -30 °C, MM EN 1731:2006-F EN 352-3
Sizes	52 to 61 cm	52 to 61 cm	52 to 61 cm
Order unit	PC	PC	PC
Outer packaging	15 PC per CT	15 PC per CT	15 PC per CT

### uvex pheos forestry - spare parts

Art. no.		Order unit
9790210	Replacement visor (metal)	PC
2600214	uvex K2P mechanical	PC
9760106	Replacement suspension harness pheos ABS	PC
9760009	Sweatband pheos ABS	PC
9790021	Four-point chin strap	PC
9790146	Signal whistle	PC



MADE IN GERMANY



## uvex pheos ABS

- ABS safety helmet with slots for uvex visors, earmuffs and helmet lamps
- side Euroslot adapters (30 mm) for attaching earmuffs
- meets EN 397 standards and additional requirements for very low temperatures (-30°C)
- high lateral rigidity
- three variable air vents for maximum ventilation
- conventional suspension harness for comfortable adjustable fit (uvex pheos B)
- suspension harness fitted with wheel ratchet system (9760012) and sweatband (9760009)
- six-point textile band attachment ensures optimum fit and comfort

### uvex pheos ABS B-S-WR with wheel ratchet system

Art. no.	9772071	9772171	9772271	9772371
Colour	white	yellow	orange	red
Version	with short brim	with short brim	with short brim	with short brim
Material	ABS	ABS	ABS	ABS
Standard	EN 397 -30 °C, MM	EN 397 -30 °C, MM	EN 397 -30 °C, MM	EN 397 -30 °C, MM
Sizes	52 to 61 cm	52 to 61 cm	52 to 61 cm	52 to 61 cm
Order unit	PC	PC	PC	PC
Outer packaging	24 PC per CT	24 PC per CT	24 PC per CT	24 PC per CT



## uvex pheos alpine

Head protection doesn't get much more versatile than this



The uvex pheos alpine combines the various requirements of the industrial sector (in accordance with EN 397) and mountain climbing or working at height (in accordance with EN 12492) in one helmet with an unparalleled fit.



### Multifunctional

Thanks to the clip at the back of the helmet, the chin strap can be stored inside the helmet in line with EN 12492 and released as needed. Leather chin strap compatible with EN 397 also included.



### Excellent compatibility

The front and side slots make it easy to attach accessories.



### Additional comfort

Thanks to soft sweatband and wheel ratchet padding.



Clips for attaching goggles or LED head torches with headband.

# Safety Helmets

uvex pheos alpine



9773050



9773150



9773250



9773350



9773450



9773550



9773950

## uvex pheos alpine

- multifunctional helmet for working at heights and rescue operations
- combines the features of an industrial protection helmet (EN 397) with the requirements for a climbing helmet (EN 12492)
- light ABS helmet shell offers a high level of protection and durability
- shorter brim for a wider field of upward vision
- side Euroslot adapters (30 mm) for attaching earmuffs and visor
- options for attaching head torches and goggles
- permanently opened air vents
- meets standard EN 397 and additional requirements for very low temperatures (-30°C)
- riveted chin strap (art. no. 970005) for use in accordance with EN 397
- six-point textile band attachment ensures ideal fit and great comfort
- suspension harness with wheel ratchet system for variable width adjustment

- the helmet is delivered as standard with a black PU sweatband (art. no. 9760009); there is also an option of a light sweatband made of synthetic leather (art. no. 9760005)


product  
design award

2013

### uvex pheos alpine with wheel ratchet system

Art. no.	9773050	9773150	9773250	9773350	9773450	9773550	9773950
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
Material	ABS	ABS	ABS	ABS	ABS	ABS	ABS
Standard	EN 397, -30 °C EN 12492	EN 397, -30 °C EN 12492	EN 397, -30 °C EN 12492	EN 397, -30 °C EN 12492	EN 397, -30 °C EN 12492	EN 397, -30 °C EN 12492	EN 397, -30 °C EN 12492
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
Order unit	PC, individually packed in CT	PC, individually packed in CT	PC, individually packed in CT	PC, individually packed in CT	PC, individually packed in CT	PC, individually packed in CT	PC, individually packed in CT
Outer packaging	6 PC per CT	6 PC per CT	6 PC per CT	6 PC per CT	6 PC per CT	6 PC per CT	6 PC per CT

# Safety Helmets

## Accessories



9790065  
with safety helmet  
(helmet not included)



9790075  
with safety helmet  
(helmet not included)



9790076  
with safety helmet  
(helmet not included)



9790068



9790066



9790086  
with safety helmet  
(helmet not included)



9790086

### uvex winter cap

- winter cap for use in all uvex helmets
- windproof and waterproof outer material
- all-around reflective strip
- side mesh to increase the wearer's attention to environmental influences (ear area)
- warming fleece lining

### uvex balaclava

- uvex balaclava is the ideal addition to the winter cap – with continuous size adjustment through hinged Velcro fastening

### uvex neck protection

- uvex neck protection for protection against rain, dust, splinters and solar radiation
- for use with all uvex helmets
- fitted with mount 9790022 to attach the neck protection in the uvex pheos helmet shell

### uvex cooling neck protection

- with unique cooling function – up to 8 hours cooling effect, protection from sunlight

	uvex winter cap		uvex balaclava	uvex neck protection		uvex cooling neck protection
Art. no.	9790065	9790068	9790066	9790075	9790076	9790086
Version	polyester/fleece	polyester/fleece	fleece	polyester	polyester	polyester
Colour	hi-viz yellow	hi-viz orange	black	orange	yellow	yellow
Sizes	unisex	unisex	unisex	unisex	unisex	unisex
Order unit	PC	PC	PC	PC	PC	PC

9790006



9790010



9790015



9790016



9790012



### Paper caps · Winter caps

	Paper cap	Winter caps			
Art. no.	9790006	9790010	9790015	9790016	9790012
Version	gygienic visitor hoods	winter hat made of cotton and wool	winter hat made of polyester and wool	winter hat made of polyester and wool	winter hat made of cotton and wool
Colour	white	navy blue	black	black	navy blue
Sizes	unisex	unisex	S to M	L to XL	unisex
Order unit	100 PC	PC	PC	PC	PC



# Safety Helmets

## Accessories

### Elastic chin strap for uvex pheos helmet

	Elastic chin strap for uvex pheos helmet
Art. no.	9790031
Order unit	PC



9790031



9772001



9760007



9760012



9760011



9760009



9760014



9760000



9760001



9780001



9760005

### Sweatband for all uvex helmets (except pheos alpine, pheos E and pheos IES)

	Sweatband for all uvex helmets (except pheos alpine, E series and IES)
Art. no.	9760008
Version	textile/foam material
Order unit	PC



### Accessories for uvex pheos IES

	Suspension harness for IES For uvex pheos (Not pheos E and pheos alpine)	Sweatband for pheos IES
Art. no.	9772001	9760007
Version	Six-point textile suspension with textile sweatband with uvex pheos glasses clip	textile/foam material
Order unit	PC	PC

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

	Suspension harness for uvex pheos E-WR	Suspension harness for uvex pheos alpine
Art. no.	9760012	9760011
Version	Six-point textile attachment with sweatband	Six-point textile attachment with sweatband
Order unit	PC	PC

	Sweatband for uvex pheos alpine and uvex pheos E-WR	Wheel ratchet padding
Art. no.	9760009	9760014
Version	PU, leather	polyester
Order unit	PC	PC

### Accessories for uvex pheos and uvex 9780 antistatic

	Conventional suspension harness for uvex pheos	Suspension harness for uvex pheos (not for uvex pheos E) with wheel ratchet
Art. no.	9760000	9760001
Version	Six-point textile attachment with sweatband	Six-point textile attachment with sweatband
Order unit	PC	PC

	Suspension harness for uvex 9780 antistatic with wheel ratchet	Sweatband for uvex pheos, and uvex pheos alpine
Art. no.	9780001	9760005
Version	Six-point textile attachment with sweatband	Six-point textile attachment
Order unit	PC	PC

# Safety Helmets

## Accessories



9790005



9790007



9790035



9790021



9772002



9790023



9790022



9790106



9790071



9790077

## 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.	9790005	
Version	Robust leather design with plastic eyelets with metal rivets, Adjustable length	
Order unit	PC	

	Forked chin straps for uvex pheos	Leather chin strap for uvex pheos IES
Art. no.	9790007	9790035
Version	textile band with push-button quick-action fastener plastic eyelets and chin pad, length can be adjusted	Robust leather design with plastic eyelets with metal rivets, length can be adjusted
Order unit	PC	PC

	Forked chin straps for uvex pheos (not for uvex pheos alpine), uvex pheos E and uvex 9780 antistatic	
Art. no.	9790021	
Version	Textile strap with quick-release push-button fastening, plastic hooks and chin pad, adjustable length	
Order unit	PC	

	IES mount with sliding element for uvex pheos IES System	Penholder for uvex pheos and uvex pheos E
Art. no.	9772002	9790023
Version	plastic	plastic
Order unit	PC	PC

	Goggles clip for uvex pheos/ chin strap clip for uvex pheos alpine	
Art. no.	9790022	
Version	Textile strap with quick-release push-button fastening, plastic hooks and chin pad, adjustable length	
Order unit	PC	

	Business card holder	
Art. no.	9790106	
Content	10 holders + 20 PVC cards	
Order quantity multiples	10 PC	

	uvex helmet bag for storing and transporting the uvex safety helmet	Helmet slot sealing plug set
Art. no.	9790071	9790077
Version	polyester	plastic
Order unit	PC	PC

# Safety Helmets

## Accessories: Head torches

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



9790062  
9790063

### uvex head torch pheos Lights · pheos Lights EX

- LED helmet torch with two separate reflectors for distance and area lighting
- four different operating modes
- compact design, very low weight (80 g), extremely robust
- power source: 1.7 Ah-Li-Ion battery
- luminous flux: up to max. 115 lumen
- illuminance: max. 6500 lux
- light duration: 11 hours
- operating temperature: -20 °C to +60 °C
- charge adapter and micro-USB charger included

- protection class IP 67 (dust-tight and waterproof)
- 9790063: ATEX certification II 2G Ex ib IIC T4

Press switch	Modes	Lumen	Range	Light duration
Area light	low	55	5 m	11 h
	high	115	10 m	5.5 h
Distance light	low	55	50 m	11 h
	high	115	100 m	5.5 h



	LED head torch pheos Lights	LED head torch pheos Lights EX
Art. no.	9790062	9790063
Version	for uvex pheos helmets	for uvex pheos helmets – ATEX
Order unit	PC	PC



9790029

### KS-6001-DUO

- LED helm torch with two switching steps
- four different operating modes
- compact design and light weight (115 g)
- power source: 1.7-Ah Li-Ion battery
- luminous flux: up to max. 200 lumen
- illuminance: max. 8500 lux
- light duration: 11 hours
- operating temperature: -20 °C to +60 °C
- charger included
- charging time: approx. 5 hours
- protection class IP67 (dust-tight and waterproof)

Press switch	Modes	Lumen	Range	Light duration
Area light	normal	80	5 m	11 h
	strong	200	10 m	4 h
Distance light	normal	80	80 m	11 h
	strong	160	180 m	5.5 h

LED head torch KS-6001-DUO				
Art. no.	9790029			
Version	for uvex pheos, uvex pheos alpine and uvex 9780 antistatic helmets			
Order unit	PC			



9790064



9790069

### LED head torch u-cap sport · uvex pheos helmet adapter

- LED head torch with two separate reflectors for distance and area lighting
- two different operating modes
- sturdy design, with very low weight (55 g without batteries)
- power source: 3 x AAA batteries (not included)
- luminous flux: up to max. 190 lumen
- illuminance: approx. 4000 lux
- light duration: up to max. 150 hrs
- operating temperature: -20 °C to +45 °C
- protection class IP 66 (complete protection against dust and powerful water jets)
- Adapter for the LED head torch u-cap sport for combining with the uvex pheos and uvex pheos alpine helmets

Press switch for 1 s	Modes	Lumen	Range	Light duration
Distance light	medium	40	80 m	70 h
	high	100	110 m	30 h
	low	5	10 m	150 h
Area light	high	30	7 m	80 h
	low	10	3 m	150 h

	LED head torch uvex u-cap sport	uvex pheos helmet adapter
Art. no.	9790064	9790069
Version	for uvex u-cap sport	for LED head torch uvex u-cap sport for combining with the uvex pheos and uvex pheos alpine helmets
Order unit	PC	PC



# Safety Helmets

Accessories: Head torchs



9790213

## Suprabeam V3air rechargeable

- LED head torch with sliding focus for distance and area lighting
- can be dimmed between 180 and 8 lumens
- two different operating modes
- robust design with low weight (148 g); weight balanced by battery at the rear
- power source: 1.4-Ah LiPo battery
- luminous flux: up to max. 320 lumen
- light duration: max. 100 hours
- operating temperature: -30°C to +60°C
- IPX4 protection (protection against splashing water from all directions)
- highly adjustable angle: illuminates an area in the distance or directly in front of the wearer
- range up to 210 metres

Suprabeam V3air rechargeable

Art. no. 9790213

Version with headband; suitable for all uvex helmets with article 9790214

Order unit PC



9790214

## Universal silicone strap for Suprabeam V3air rechargeable

- for attachment to all uvex protective helmets
- prevents lamp from slipping off helmet

Universal silicone strap

Art. no. 9790214

Version for V3air rechargeable

Order unit PC



**uvex**

Rubrik  
Seitenheadline



**uvex**

Visors and face protection

# Visor lenses, certification and norms

Specially developed to meet the needs of forestry workers



## Polycarbonate lenses with uvex supravision excellence coating

Polycarbonate has a high mechanical impact strength. Coated lenses are anti-fog on the inside, and scratch- and chemical-resistant on the outside. The anti-fogging properties are permanent even after repeated cleaning. The lenses are especially easy to clean and less susceptible to dirt due to the non-stick nanotechnology.

## Cellulose acetate lenses

Face protection visors made of cellulose acetate are ideally suited for protection against chemicals.

## Nylon mesh

is light in weight and non-conductive. It is very flexible and durable, and therefore frequently used in agriculture and forestry.

## Stainless steel mesh

is robust and has excellent stability and long life. Stainless steel mesh visors offer a higher light transmission than nylon mesh visors and are used for more rugged work in agriculture and forestry.

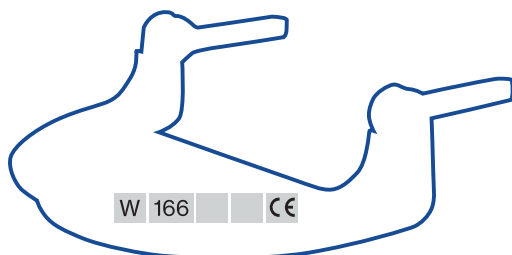
## Standards at a glance

### EN 166 – Personal eye protection

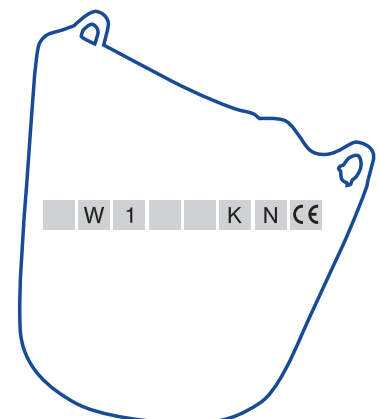
The European standard EN166 applies to all types of eye protection. EN 166 visors are made of frames and lenses.

### Certification according to DIN EN 166

#### Marking on frame



#### Marking on lenses



A detailed description of frame and lens markings can be found on page 17



# Labelling and norms

## EN 170 – Ultraviolet protection filters

In the standards for special product requirements, the standard EN 170 sets out levels of protection and transmission requirements for ultraviolet protection filters. Excessive exposure to ultraviolet light can cause the lens of the eye to lose its transparency, which may cause

visual impairment or loss of vision. Visor lenses in accordance with EN 170 therefore meet performance requirements to protect the eye from ultraviolet radiation during hazardous work.

## EN 1731 – Textile face protection

The European standard EN 1731 describes all requirements for personal eye and face protection made of textile. EN 1731 visors consist of frames and lenses.

Technical information on the frame and the lens are specified according to EN 1731 in the following order:

- Identification of the manufacturer
- Number of European standard
- Symbol for mechanical strength

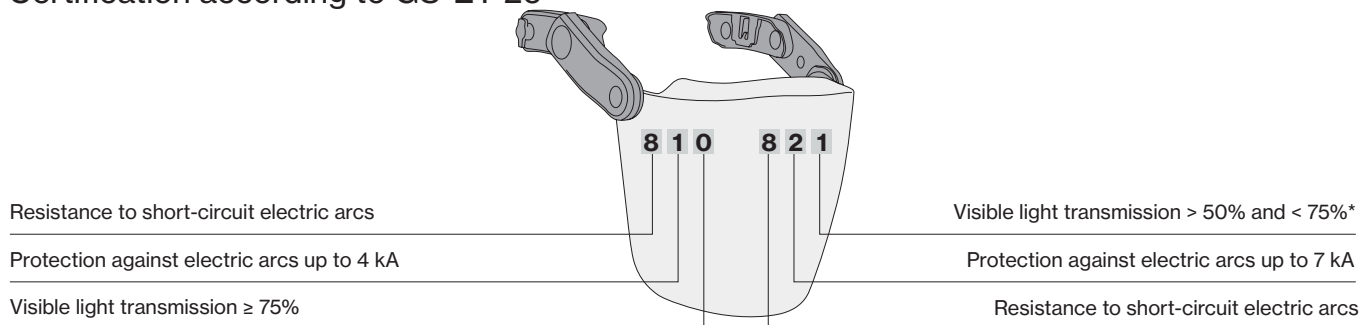
Mechanical strength	
none	without mechanical strength (filters only)
S	increased strength (filters only)
F	low energy impact (45m/s)
B	medium energy impact (120m/s)
A	high energy impact (190m/s)
T	tested at extreme temperatures (-5°C and +55°C)

## GS-ET 29

When working on energised electrical systems and equipment, the risk of a short circuit electric arc must be assessed. Short circuit electric arcs are usually caused by a short circuit between the electrical lines. The GS-ET 29 test principle is an additional requirement for the testing and certification of electrician face protection. This is a category 3

product, which means there is a risk of physical injury and death. With regards to different intensities of short circuit electric arcs, the certified products must be assessed for their suitability for the respective application. Here, there are distinctions between two classes, Class 1 – up to 4 kA – and Class 2, up to 7 kA.

## Certification according to GS-ET 29



Previously



According to 7 kA short circuit electric arc

## uvex i-gonomics

### Face protection with measurably greater relief

uvex i-gonomics redefines wearer comfort: The innovative product system boasts an ergonomic fit, lightweight design and ideal climate characteristics. This makes our face protection more comfortable to wear and gives it optimal flexibility – so maximum performance can be achieved at all times, even under extreme conditions.



## uvex pheos faceguard

### Innovative and systematic face protection.

The uvex pheos faceguard has been ergonomically designed. It evenly distributes the weight across the body's centre of gravity, helping the wearer to adopt a natural posture. The slim design ensures optimal freedom of movement and the robust polycarbonate visor provides a clear view.

Thanks to uvex coating technology, the guard is anti-fog on the inside and extremely scratch- and chemical-resistant on the outside. uvex UV400 offers the maximum possible protection against UV rays. With its wide range of accessories, the multi-system is suitable for numerous applications and can be adapted to suit each and every one of them.



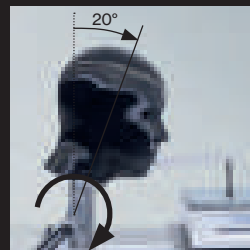
Scan for more information about the uvex i-gonomics product system.

## force 4.0

**Test method:**  
Torque measurement in the neck area\*

**Test result:**  
Torque = 0.4 Nm (IV 4.0)

**Relief for the head and neck,  
reduced fatigue**



## weight 3.9

**Test method:**  
Weighing the face protection without hearing protection

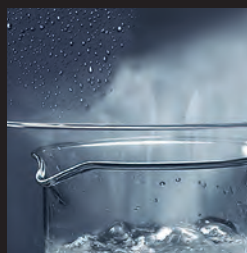
**Test result:**  
Product weight = 391 g (IW 3.9)

**Comfortable fit,  
better performance**



### Relief index calculation:

The relief index is calculated from the average of the three index values (IV) – force, weight and climate – and ranges from 0 (= poor) to 5 (= optimum).



## clima 4.8

**Test method:**  
uvex benchmark "anti-fog" test

**Test result:**  
Anti-fog performance = 29 points (IV 4.8)

**Fog-free view, even in extreme climates**





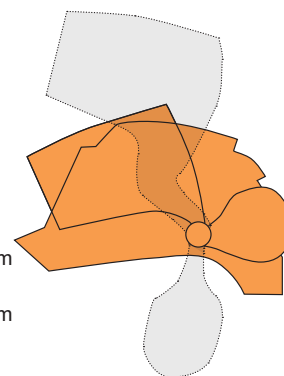
# Visors and face protection

## uvex pheos visor system

### Perfect 'resting position' for the visor and hearing protection

The visor can be locked above the helmet shell when not required and the hearing protection can be folded back. Everything fits closely to the helmet and is perfectly balanced over the body's centre of gravity. This means the neck muscles are not placed under strain by any unnecessary weight, ensuring excellent wearer comfort and maximum freedom of movement.

■ pheos helmet system  
■ Conventional helmet system



### Reliable face protection

The anti-fog and scratch-resistant visor is made of high-quality polycarbonate that meet the highest optical quality class. The visor fits the helmet seamlessly, leaving no gaps. The injection-moulded transparent peak provides protection against any particles penetrating the inside of the visor.



<b>Art. no.</b>	uvex pheos 9906002	uvex pheos SLB 1 magnetic 9906005	uvex pheos SLB 2 9906007
<b>Version</b>	uvex supravision excellence with mechanical levers	uvex supravision excellence certified as Class 1 visor for protection from electrical arcs, with mechanical levers	uvex supravision excellence certified as Class 2 visor for protection from electrical arcs with mechanical levers and chin protection
<b>Standard Frame</b>	EN 166, EN 170 black W 166 3 8-2 9 B CE 0196	EN 166, EN 170 black W 166 3 8-2 9 B CE 0196	EN 166, EN 170 black W 166 3 8-2 9 B CE 0196
<b>Lens</b>	PC clear UV 400 2C-1.2 W 1 B 9 KN CE 0196	PC clear UV 400 2C-1.2 W 1 B 8-1-0 9 KN CE 0196	PC blue UV 400 2C-1.2 W 1 B 8-2-0 9 KN CE 0196
<b>Order unit</b>	PC, individually packed in polythene bags	PC, individually packed in polythene bags	PC, individually packed in polythene bags
<b>Outer packaging</b>	24 PC per CT	24 PC per CT	24 PC per CT
<b>Replacement lens</b>	9906013, individually packed in polythene bags	9906012, individually packed in polythene bags	9906017, individually packed in polythene bags

<b>Art. no.</b>	uvex pheos magnetic 9906003	uvex pheos SLB 1 magnetic 9906006	uvex pheos SLB 2 magnetic 9906008
<b>Version</b>	uvex supravision excellence with magnetic levers	uvex supravision excellence certified as Class 1 visor for protection from electrical arcs, with magnetic levers	uvex supravision excellence certified as Class 2 visor for protection from electrical arcs with magnetic levers and chin protection
<b>Standard Frame</b>	EN 166, EN 170 black W 166 3 8-2 9 B CE 0196	EN 166, EN 170 black W 166 3 8-2 9 B CE 0196	EN 166, EN 170 black W 166 3 8-2 9 B CE 0196
<b>Lens</b>	PC clear UV 400 2C-1.2 W 1 B 9 KN CE 0196	PC clear UV 400 2C-1.2 W 1 B 8-1-0 9 KN CE 0196	PC blue UV 400 2C-1.2 W 1 B 8-2-0 9 KN CE 0196
<b>Order unit</b>	PC, individually packed in polythene bags	PC, individually packed in polythene bags	PC, individually packed in polythene bags
<b>Outer packaging</b>	24 PC per CT	24 PC per CT	24 PC per CT
<b>Replacement lens</b>	9906013, individually packed in polythene bags	9906012, individually packed in polythene bags	9906017, individually packed in polythene bags

# Visors and face protection

## uvex pheos visor system

### uvex pheos visor

- polycarbonate visors with uvex supravision excellence coating technology
- visor is anti-fog on the inside and exceptionally scratch- and chemical-resistant on the outside. The anti-fogging properties are permanent, even after repeated cleaning
- easy to clean thanks to non-stick nanotechnology
- available with two mounting options: mechanical levers or automatic magnetic locks
- visors 9906002 and 9906003 can be combined with the industrial protection helmets:
  - uvex pheos B-S-WR
  - uvex pheos E-S-WR
  - Helmet for working at height uvex pheos alpine (visor adapter art. no. 9790067 required)

- visors uvex pheos SLB 1 (9906005 and 9906006) and uvex pheos SLB 2 (9906007 and 9906008) can be combined with the uvex pheos E-S-WR industrial safety helmet
- lenses can be changed
- fulfils standards EN 166 and EN 170
- certified for areas of application 3 (liquids) and 9 (molten metal and hot solids)
- uvex pheos SLB 1 visors are certified in accordance with GS-ET 29 as Class 1 visors for protection from electrical arcs (4kA)
- uvex pheos SLB 2 visors are certified in accordance with GS-ET 29 as Class 2 visors for protection from electrical arcs (7kA)
- you can find the combination options below

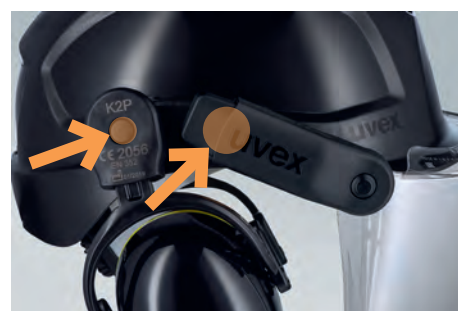


### Magnetic and mechanical locking system

All visors are pre-assembled with a helmet adapter. This is clicked into the side helmet slot and remains permanently attached there.

With the magnetic locking system, the attachment parts, visor and earmuffs can be removed easily at any time without having to remove the helmet. The visor is released with a click of the lateral locking system. When reassembled, the parts automatically snap back into place. This allows the helmet to remain comfortably on your head.

In the case of the mechanical locking system, the earmuffs can be removed at any time via a bayonet lock. The mechanical visor remains permanently attached to the helmet.



**Magnetic**  
locking system for visor and earmuffs









**Mechanical**  
locking system for visor and earmuffs

# Visors and face protection

Combination options and accessories

## Combination options uvex pheos visors

	Art. no.	Visor frame	Visor	Protection	Suitable helmets	Earmuffs
	9906002	mechanical	polycarbonate, clear	against mechanical influences (e.g. sparks, splinters)	all uvex pheos helmets with short brim	2600214 
	9906003	magnetic	polycarbonate, clear	against mechanical influences (e.g. sparks, splinters)	uvex pheos alpine (with visor adapter 9790067)	2600215 
	9906005	mechanical	polycarbonate, clear with UV absorber	against electrical arcs up to 4 kA (kiloamperes)	uvex pheos E-S-WR	2600214
	9906006	magnetic	polycarbonate, clear with UV absorber	against electrical arcs up to 4 kA (kiloamperes)		2600215
	9906007	mechanical	polycarbonate, blue with UV absorber and chin section	against electrical arcs up to 7 kA (kiloamperes)		2600214
	9906008	magnetic	polycarbonate, blue with UV absorber and chin section	against electrical arcs up to 7 kA (kiloamperes)		2600215

## uvex pheos visor system accessories

	Visor adapter
<b>Art. no.</b>	9790067
<b>Version</b>	for combining with the helmet for working at height uvex pheos alpine for inserting on the inside of the visor's face cover (visor not included)
<b>Order unit</b>	PC, individually packed in polythene bags

	Helmet adapter
<b>Art. no.</b>	9790078
<b>Version</b>	helmet adapter for use with uvex pheos K2P magnet earmuffs (2600215) without visor, is only required if no visor is used
<b>Order unit</b>	PR, individually packed in polythene bags

	Sunglare filter/rain cover
<b>Art. no.</b>	9790074
<b>Version</b>	to protect against sun and rain, for insertion on the inside of the face cover of the visor, cannot be combined with the visors uvex pheos SLB 1 and uvex pheos SLB 2
<b>Order unit</b>	PC, individually packed in polythene bags

	Microfibre case
<b>Art. no.</b>	9954362
<b>Version</b>	cloth bag to store and transport uvex visors and uvex helmets, black
<b>Order unit</b>	PC, loose





# Visors and face protection

9790 · 9725 · 9726 · Forestry worker visor



## uvex 9790

- robust polycarbonate visor for uvex industrial safety helmets and uvex helmet earmuffs 3200H, K1H and K2H
- for use during electrical work, a suitable electrician's helmet and dielectric helmet earmuffs must be used
- visor lens, helmet bracket and adapter must be ordered as individual parts
- additional adapters (art. no. 9924010) are required for the helmet and visor combination (without helmet earmuffs)

► helmet, helmet bracket and earmuffs are not included.



Lens	
Art. no.	9790048
Version	uncoated
	Short circuit electric arc classification Class 1
	Fixed on helmet bracket 9790047
Standard	EN 166, EN 170
Lens	PC clear, UV 400
	2C-1.2 W 1 B 89 CE
Order unit	PC, individually packed in polythene bags
Outer packaging	100 PC per CT

	Helmet bracket	Adapter
Art. no.	9790047	9924010
Version	Helmet bracket for visor 9790 (9790048)	Adapter for attaching without earmuffs
Frame	black	
	EN 166 389 B CE	
Order unit	PC, individually packed in polythene bags	
Outer packaging	90 PC per CT	500 PC per CT

9725514  
9726014



## uvex 9725 · uvex 9726

- polycarbonate and cellulose acetate visors with adapters for attaching on the side helmet slots
- easy to change lenses
- not combinable with earmuffs
- suitable for helmets uvex airwing and uvex superboss

► Helmet not included!

Visors		
Art. no.	9725514	9726014
Replacement lens	9050517	9723017
Version	anti-fog on the inside	uncoated
	Material thickness: 1 mm	Material thickness: 1 mm
Standard	EN 166, EN 170	EN 166, EN 170
Frame	black	black
	W 166 3-F DIN CE 0196	W 166 3-B DIN CE 0196
Lens	CA clear, UV 380	PC clear, UV 400
	W 1 FN DIN CE	W 1 B DIN CE
Order unit	PC, individually packed in polythene bags	
Outer packaging	20 PC per CT	20 PC per CT

## uvex pheos forestry worker visor

- metal mesh visor for forestry work
- suitable for helmet uvex pheos ABS
- lens certification: W EN 1731:2006-F

Further information can be found on page 108/109.

# uvex pheos faceguard

## Face protection system

Innovative face protection without helmet. The system consists of a height- and width-adjustable head mount and a high-quality polycarbonate visor. The visor can be locked in any position and features uvex coating technology for a long field of vision and fog-free view. The earmuffs can be attached and removed quickly using a rotating mechanism. This allows you to customise the multi-system to suit your needs.



### The uvex multi-system in detail



**Centre of gravity over the middle of the head**  
Relieves the neck muscles and spine

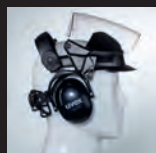
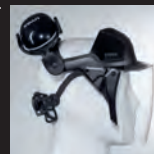
Individual height adjustment of system for a custom fit

**Highly adjustable wheel ratchet system with wide neck piece**  
infinitely variable single-handed width adjustment with wheel ratchet system for a customised, comfortable fit.  
Suitable for head sizes 52–64



**Suspension harness and sweatband**  
Adapts comfortably to the head shape

**Multiposition lockable visor**  
Lenses can be changed



**Removable earmuffs**  
For additional protection

**Visor made from robust polycarbonate**  
Scratch-resistant on the outside Anti-fog on the inside UV 400 protection



### The benefits of the uvex pheos faceguard at a glance:

- fully pre-assembled face protection system — ready to use at any time
- wide field of vision with the highest optical quality
- sturdy polycarbonate visor with anti-fog and scratch-resistant uvex supravision excellence coating
- low weight and balanced centre of gravity to relieve the spine
- expandable system with high modularity
- replaceable individual parts
- comfortable fit even with glasses and respirators



Further information can be found at  
**[uvex-safety.com/en/pheosfaceguard](https://uvex-safety.com/en/pheosfaceguard)**  
(or scan the QR code).

uvex pheos faceguard

Face protection system

Designed to protect the face and neck

The uvex pheos faceguard has been ergonomically designed. The face protection system has been designed to evenly distribute the weight across the body's centre of gravity. The low weight and ergonomic centre of gravity support a natural head posture, minimising strain on the neck and back. The narrow design and wide field of vision help to support the natural posture of the head and neck.



Did you know that our neck is already exposed to four to five kilograms at a zero degree angle of inclination? The further the incline, which is often the case in industries such as construction, the greater the strain.

Learn more in our uvex experts blog at [uvex safety.com/blog](https://uvex.com/blog)



9790211



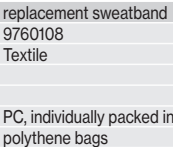
9790212

	uvex pheos faceguard	uvex pheos faceguard with hearing protection
Art. no.	9790211	9790212
Version	Pre-assembled system for head sizes 52–64 cm, Polycarbonate lens, uvex supravision excellence coating, Without hearing protection	Pre-assembled system for head sizes 52–64 cm, Polycarbonate lens, uvex supravision excellence coating, With earmuffs K1P (SNR: 28 dB), further information can be found on page 97
Standard	EN 166, EN 170	EN 166, EN 170, EN 352
Frame	W 166 39B CE	W 166 39B CE
Lens	PC, clear, UV 400	PC, clear, UV 400
	2C-1.2 W 1 B 9 KN CE 0196	2C-1.2 W 1 B 9 KN CE 0196
Order unit	PC, individually packed in CT	PC, individually packed in CT

Accessories



9906013



9790074



2600216

	replacement suspension harness	replacement sweatband	replacement lens visor	sun protection	hearing protection earmuffs K1P
Art. no.	9760107	9760108	9906013	9790074	2600216
Version	Plastic suspension harness for head sizes 52–64 cm	Textile	Polycarbonate lens uvex supravision excellence coating	Protects against sun and rain is inserted on the visor	Earmuffs for uvex pheos faceguard SNR 28 dB
Order unit	PC, individually packed in polythene bags	PC, individually packed in polythene bags	PC, individually packed in polythene bags	PC, individually packed in polythene bags	PR, in pairs in CT



# Accessories

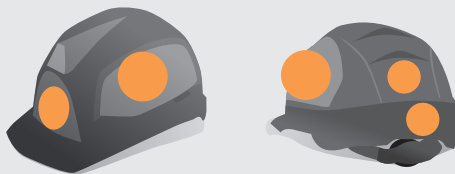
## uvex pheos

	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
9760000 Conventional suspension harness								-	-
9760001 Suspension harness with rotating size adjusters				-	-	-		-	-
9760011 Suspension harness for pheos alpine	-	-	-	-	-	-	-	-	-
9760012 Suspension harness for uvex pheos E-WR								-	-
9772001 Suspension harness IES				-	-	-		-	-
9780001 Suspension harness with rotating size adjusters				-	-	-		-	-
9760009 Sweatband uvex pheos alpine and uvex pheos E-WR								-	-
9760007 Sweatband IES	-	-	-	-	-	-		-	-
9760005 Sweatband, synthetic leather							-		-
9790035 Leather chin straps IES				-	-	-		-	-
9790005 Leather chin straps				-	-	-	-	-	-
9790021 Forked chin straps									-
9790023 Pen holder								-	-
9772002 Mount	-	-	-	-	-	-		-	-
9790022 Goggles clip, chin strap clip								-	
9790065 Winter cap, hi-viz yellow								-	
9790066 Balaclava								-	
9790068 Winter cap, hi-viz orange								-	
9790075 Neck protection, orange								-	
9790076 Neck protection, yellow								-	
9790086 uvex cooling neck protection								-	
9790106 Business card holder								-	
9906002 uvex pheos visor	-	-	-	-	-	-	-	-	-
9906003 uvex pheos visor SLB1	-	-	-	-	-	-	-	-	-
9906006 uvex pheos visor SLB2	-	-	-	-	-	-	-	-	-
9906007 uvex pheos visor SLB2	-	-	-	-	-	-	-	-	-
2600201 uvex K1H				-	-	-		-	
2600202 uvex K2H				-	-	-		-	
9790062 LED head torch pheos Lights				-	-	-		-	
9790063 LED head torch pheos Lights EX				-	-	-		-	
9790029 LED head torch KS-6001 Duo				-	-	-		-	
9790213 Suprabeam V3air rechargeable				-	-	-		-	
9790064 LED head torch u-cap sport								-	
9790069 uvex pheos helmet adapter								-	
	supplied as standard			compatible			- not compatible		

# Safety helmets to match your corporate identity

## Individual safety helmets

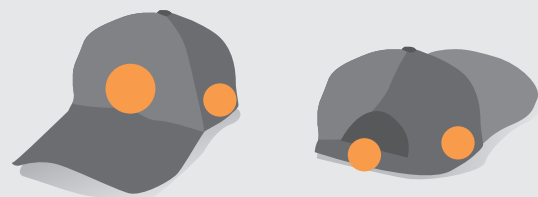
uvex gives you the option to customise all uvex helmets and bump caps so that your employees' equipment matches your corporate identity specifications.



### 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 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

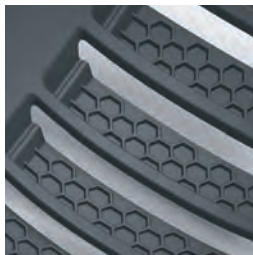
## How individual can you be?

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



LED lamp uvex u-cap sport,  
suitable for all u-cap sport  
variants available on page 115.

### uvex u-cap sport

uvex u-cap sport						
Art. no.	9794409	9794403	9794404	9794442	9794422	9794424
Version	with short brim (4 cm), hard case made of ABS, textile cap made of cotton			with short brim (4 cm) and mesh webbing suspension harness, hard case made of ABS, textile cap made of cotton		
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
Order unit	PC	PC	PC	PC	PC	PC
Outer packaging	60 PC per CT	60 PC per CT	60 PC per CT	60 PC per CT	60 PC per CT	60 PC per CT
Art. no.	9794400	9794401	9794402	9794443	9794423	9794425
Version	with long brim (7 cm), hard case made of ABS, textile cap made of cotton			with long brim (7 cm) and mesh webbing suspension harness, hard case made of ABS, textile cap made of cotton		
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
Order unit	PC	PC	PC	PC	PC	PC
Outer packaging	60 PC per CT	60 PC per CT	60 PC per CT	60 PC per CT	60 PC per CT	60 PC per CT

### uvex u-cap sport suspension harness

uvex u-cap sport suspension harness	
Art. no.	9794415
Version	soft, comfortable mesh webbing suspension harness increased wearer comfort in uvex u-cap sport bump caps
Standard	EN 812
Colour	black
Sizes	unisize
Order unit	PC
Outer packaging	60 PC per CT

### Baseball cap

Baseball cap		
Art. no.	9794110	9794111
Version	with long brim (7 cm) without hard shell element	with short brim (4 cm) without hard shell element
Colour	black	black
Sizes	55 to 63 cm	55 to 63 cm
Order unit	PC	PC
Outer packaging	60 PC per CT	60 PC per CT

## uvex u-cap

uvex u-cap sport · uvex u-cap sport vent · uvex u-cap sport hi-viz



9794407  
9794408



9794430 9794444  
9794420 9794416  
9794421 9794417



9794482  
9794480  
9794481



9794492  
9794490  
9794491

**LED lamp uvex u-cap sport,**  
**suitable for all u-cap sport**  
**variants available on page 115.**

### uvex u-cap sport

uvex u-cap sport		
<b>Art. no.</b>	9794407	9794408
<b>Version</b>	with long brim (7 cm), hard case made of ABS, textile cap made of cotton	
<b>Standard</b>	EN 812	EN 812
<b>Colour</b>	navy blue	navy blue
<b>Sizes</b>	55 to 59 cm	60 to 63 cm
<b>Order unit</b>	PC	PC
<b>Outer packaging</b>	60 PC per CT	60 PC per CT

### uvex u-cap sport vent

uvex u-cap sport vent			
<b>Art. no.</b>	9794430	9794420	9794421
<b>Version</b>	with short brim (4 cm), hard case made of ABS, textile cap made of cotton and mesh fibre		
<b>Standard</b>	EN 812	EN 812	EN 812
<b>Colour</b>	black	black	black
<b>Sizes</b>	52 to 54 cm	55 to 59 cm	60 to 63 cm
<b>Order unit</b>	PC	PC	PC
<b>Outer packaging</b>	60 PC per CT	60 PC per CT	60 PC per CT

<b>Art. no.</b>	9794444	9794416	9794417
<b>Version</b>	with short brim (4 cm) and mesh webbing and mesh webbing interior, ABS hard shell, textile cap made of cotton and mesh fibre		
<b>Standard</b>	EN 812	EN 812	EN 812
<b>Colour</b>	black	black	black
<b>Sizes</b>	52 to 54 cm	55 to 59 cm	60 to 63 cm
<b>Order unit</b>	PC	PC	PC
<b>Outer packaging</b>	60 PC per CT	60 PC per CT	60 PC per CT

### uvex u-cap sport hi-viz

uvex u-cap sport hi-viz						
<b>Art. no.</b>	9794482	9794480	9794481	9794492	9794490	9794491
<b>Version</b>	with short brim (4 cm), ABS hard shell, textile cap made of cotton in fluorescent colours, according to requirements with EN 471 – increased visibility and security for the user					
<b>Standard</b>	EN 812	EN 812	EN 812	EN 812	EN 812	EN 812
<b>Colour</b>	hi-viz yellow	hi-viz yellow	hi-viz yellow	hi-viz orange	hi-viz orange	hi-viz orange
<b>Sizes</b>	52 to 54 cm	55 to 59 cm	60 to 63 cm	52 to 54 cm	55 to 59 cm	60 to 63 cm
<b>Order unit</b>	PC	PC	PC	PC	PC	PC
<b>Outer packaging</b>	60 PC per CT	60 PC per CT	60 PC per CT	60 PC per CT	60 PC per CT	60 PC per CT

# Safety Helmets

## Overview



Art. no.	Name	Description	Colour
9050517	Accessories	Replacement lens, CA, non-fogging	clear
9060017	Accessories	Replacement lens, CA	clear
9301544	uvex ultravision	Wide-vision goggles with helmet bracket, grey	
9302510	uvex ultrasonic	Wide-vision goggles with helmet bracket, blue, grey	
9705014	Accessories	Cellulose acetate protective visor	clear
9706514	Accessories	Antifog cellulose acetate protective visor, clear	
9707014	Accessories	Cellulose acetate protective visor	clear
9708514	Accessories	Antifog cellulose acetate protective visor, clear	
9723017	Accessories	Replacement lens, PC	clear
9725514	Accessories	Antifog cellulose acetate visor	clear
9726014	Accessories	Polycarbonate visor	clear
9750020	uvex super boss	Safety helmet	white
9750120	uvex super boss	Safety helmet	yellow
9750520	uvex super boss	Safety helmet	blue
9754000	uvex thermo boss	Safety helmet	white
9754100	uvex thermo boss	Safety helmet	yellow
9754300	uvex thermo boss	Safety helmet	red
9760000	Accessories	Conventional suspension harness	
9760001	Accessories	Suspension harness with rotating size adjusters	
9760005	Accessories	Sweatband, synthetic leather	
9760007	Accessories	Sweatband, textile/foam material	
9760009	Accessories	Sweatband pheos ABS	
9760011	uvex pheos alpine	Suspension harness	
9760012	uvex pheos E-WR	Suspension harness	
9760106	Accessories	Replacement suspension harness pheos ABS	
9760107	Accessories	Suspension harness pheos faceguard	
9760108	Accessories	Sweatband for suspension harness	
9762020	uvex airwing B	Safety helmet	white
9762021	uvex airwing B-S	Safety helmet	white
9762030	uvex airwing B-WR	Safety helmet	white
9762031	uvex airwing B-S-WR	Safety helmet	white
9762120	uvex airwing B	Safety helmet	yellow
9762121	uvex airwing B-S	Safety helmet	yellow
9762130	uvex airwing B-WR	Safety helmet	yellow
9762131	uvex airwing B-S-WR	Safety helmet	yellow
9762220	uvex airwing B	Safety helmet	orange
9762221	uvex airwing B-S	Safety helmet	orange
9762230	uvex airwing B-WR	Safety helmet	orange
9762231	uvex airwing B-S-WR	Safety helmet	orange
9762320	uvex airwing B	Safety helmet	red
9762321	uvex airwing B-S	Safety helmet	red
9762330	uvex airwing B-WR	Safety helmet	red
9762331	uvex airwing B-S-WR	Safety helmet	red
9762420	uvex airwing B	Safety helmet	green
9762421	uvex airwing B-S	Safety helmet	green
9762430	uvex airwing B-WR	Safety helmet	green
9762431	uvex airwing B-S-WR	Safety helmet	green
9762520	uvex airwing B	Safety helmet	blue
9762521	uvex airwing B-S	Safety helmet	blue
9762530	uvex airwing B-WR	Safety helmet	blue
9762531	uvex airwing B-S-WR	Safety helmet	blue
9762920	uvex airwing B	Safety helmet	black
9770020	uvex pheos E	Safety helmet	white
9770026	uvex pheos E	Safety helmet with reflective sticker	white
9770030	uvex pheos E-WR	Safety helmet	white
9770031	uvex pheos E-S-WR	Safety helmet	white
9770036	uvex pheos E-WR	Safety helmet with reflective sticker	white
9770120	uvex pheos E	Safety helmet	yellow

Art. no.	Name	Description	Colour
9770126	uvex pheos E	Safety helmet with reflective sticker	yellow
9770130	uvex pheos E-WR	Safety helmet	yellow
9770131	uvex pheos E-S-WR	Safety helmet	yellow
9770136	uvex pheos E-WR	Safety helmet with reflective sticker	yellow
9770230	uvex pheos E-WR	Safety helmet	orange
9770231	uvex pheos E-S-WR	Safety helmet	orange
9770330	uvex pheos E-WR	Safety helmet	red
9770331	uvex pheos E-S-WR	Safety helmet	red
9770430	uvex pheos E-WR	Safety helmet	green
9770431	uvex pheos E-S-WR	Safety helmet	green
9770530	uvex pheos E-WR	Safety helmet	blue
9770531	uvex pheos E-S-WR	Safety helmet	blue
9770830	uvex pheos E-WR	Safety helmet	dark grey
9770832	uvex pheos E-S-WR	Safety helmet	dark grey
9770931	uvex pheos E-S-WR	Safety helmet	black
9772001	Accessories	Suspension harness IES	
9772002	Accessories	Mount	
9772020	uvex pheos B	Safety helmet	white
9772026	uvex pheos B	Safety helmet with reflective sticker	white
9772030	uvex pheos B-WR	Safety helmet	white
9772031	uvex pheos B-S-WR	Safety helmet	white
9772035	uvex pheos B-WR	Safety helmet with reflective sticker	white
9772038	uvex pheos B-S-WR	Safety helmet with reflective sticker	white
9772040	uvex pheos IES	Safety helmet	white
9772071	uvex pheos ABS B-S-WR	Safety helmet	white
9772120	uvex pheos B	Safety helmet	yellow
9772126	uvex pheos B	Safety helmet with reflective sticker	yellow
9772130	uvex pheos B-WR	Safety helmet	yellow
9772131	uvex pheos B-S-WR	Safety helmet	yellow
9772137	uvex pheos B-S-WR	Safety helmet with reflective sticker	yellow
9772138	uvex pheos B-WR	Safety helmet with reflective sticker	yellow
9772140	uvex pheos IES	Safety helmet	yellow
9772171	uvex pheos ABS B-S-WR	Safety helmet	yellow
9772220	uvex pheos B	Safety helmet	orange
9772226	uvex pheos B	Safety helmet with reflective sticker	orange
9772230	uvex pheos B-WR	Safety helmet	orange
9772236	uvex pheos B-WR	Safety helmet with reflective sticker	orange
9772240	uvex pheos IES	Safety helmet	orange
9772271	uvex pheos ABS B-S-WR	Safety helmet	orange
9772320	uvex pheos B	Safety helmet	red
9772326	uvex pheos B	Safety helmet with reflective sticker	red
9772330	uvex pheos B-WR	Safety helmet	red
9772332	uvex pheos B-S-WR	Safety helmet	red
9772340	uvex pheos IES	Safety helmet	red
9772371	uvex pheos ABS B-S-WR	Safety helmet	red
9772430	uvex pheos B-WR	Safety helmet	green
9772520	uvex pheos B	Safety helmet	blue
9772526	uvex pheos B	Safety helmet with reflective sticker	red
9772530	uvex pheos B-WR	Safety helmet	blue
9772531	uvex pheos B-S-WR	Safety helmet	blue
9772537	uvex pheos B-S-WR	Safety helmet with reflective sticker	blue
9772538	uvex pheos B-WR	Safety helmet with reflective sticker	blue
9772540	uvex pheos IES	Safety helmet	blue
9772832	uvex pheos B-S-WR	Safety helmet	dark grey
9772920	uvex pheos B	Safety helmet	black
9772926	uvex pheos B	Safety helmet with reflective sticker	black
9772930	uvex pheos B-WR	Safety helmet	black
9772932	uvex pheos B-S-WR	Safety helmet	black



# Safety Helmets

## Overview

Art. no.	Name	Description	Colour
9772936	uvex pheos B-WR	Safety helmet with reflective sticker	black
9773050	uvex pheos alpine	Safety helmet	white
9773150	uvex pheos alpine	Safety helmet	yellow
9773250	uvex pheos alpine	Safety helmet	orange
9773350	uvex pheos alpine	Safety helmet	red
9773450	uvex pheos alpine	Safety helmet	green
9773550	uvex pheos alpine	Safety helmet	blue
9773950	uvex pheos alpine	Safety helmet	black
9774236	uvex pheos	Forestry	yellow
9774237	uvex pheos	Forestry	orange
9774238	uvex pheos	Forestry	red
9780001	Accessories	Suspension harness with rotating size adjusters	
9780020	uvex 9780 antistatic	Safety helmet	white
9780030	uvex 9780 antistatic-WR	Safety helmet	white
9780550	uvex 9780 antistatic-WR	Safety helmet	sky blue
9790000	Accessories	Suspension harness	
9790004	Accessories	Sweatband, leather	
9790005	Accessories	Leather chin straps	
9790006	Accessories	Paper cap	white
9790007	Accessories	Forked chin straps	
9790010	Accessories	Winter cap	black
9790012	Accessories	Winter cap	black
9790015	Accessories	Winter cap	black
9790016	Accessories	Winter cap	black
9790018	uvex pheos reflex set M	Reflective set	
9790021	Accessories	Four-point chin strap	
9790022	Accessories	Goggles clip/chin strap clip	
9790023	Accessories	Pen holder	
9790029	Accessories	LED head torch KS-6001-DUO	
9790035	Accessories	Leather chin straps	
9790047	Accessories	Helmet bracket	black
9790048	Accessories	Visor lens, PC	clear
9790062	Accessories	LED head torch pheos Lights	
9790063	Accessories	LED head torch pheos Lights EX	
9790064	Accessories	LED head torch u-cap sport	
9790065	Accessories	Winter cap	hi-viz yellow
9790066	Accessories	Balaclava	black
9790067	Accessories	Visor adapter	black
9790068	Accessories	Winter cap	hi-viz orange
9790069	Accessories	Helmet adapter for LED head torch u-cap sport	
9790071	Accessories	Helmet bag	
9790074	Accessories	Sunglare filter/rain cover	
9790075	Accessories	Neck protection	orange
9790076	Accessories	Neck protection	yellow
9790077	Accessories	Helmet slot sealing plug set	
9790078	Accessories	Helmet adapter	
9790086	Accessories	cooling neck protection	
9790106	Accessories	Business card holder	
9790146	Accessories	Signal whistle	
9790210	Accessories	Replacement visor (metal)	
9790211	uvex pheos faceguard	uvex pheos faceguard face protection system	
9790212	uvex pheos faceguard	uvex pheos faceguard face protection system with hearing protection	
9790213	Accessories	V3air rechargeable	
9790214	Accessories	Universal silicone strap	
9794110	Baseball cap	with long brim, size 55 – 63 cm	black

Art. no.	Name	Description	Colour
9794111	Baseball cap	with short brim, size 55 – 63 cm	black
9794400	uvex u-cap sport	Impact cap, size 52 – 54 cm	black
9794401	uvex u-cap sport	Impact cap, size 55 – 59 cm	black
9794402	uvex u-cap sport	Impact cap, size 60 – 63 cm	black
9794403	uvex u-cap sport	Impact cap, size 55 – 59 cm	black
9794404	uvex u-cap sport	Impact cap, size 60 – 63 cm	black
9794407	uvex u-cap sport	Impact cap, size 55 – 59 cm	navy blue
9794408	uvex u-cap sport	Impact cap, size 60 – 63 cm	navy blue
9794409	uvex u-cap sport	Impact cap, size 52 – 54 cm	black
9794415	uvex u-cap sport	Suspension harness	black
9794416	uvex u-cap sport vent	Impact cap, size 55 – 59 cm	black
9794417	uvex u-cap sport vent	Impact cap, size 60 – 63 cm	black
9794420	uvex u-cap sport vent	Impact cap, size 55 – 59 cm	black
9794421	uvex u-cap sport vent	Impact cap, size 60 – 63 cm	black
9794422	uvex u-cap sport	Impact cap, size 55 – 59 cm	black
9794423	uvex u-cap sport	Impact cap, size 55 – 59 cm	black
9794424	uvex u-cap sport	Impact cap, size 60 – 63 cm	black
9794425	uvex u-cap sport	Impact cap, size 60 – 63 cm	black
9794430	uvex u-cap sport vent	Impact cap, size 52 – 54 cm	black
9794442	uvex u-cap sport	Impact cap, size 52 – 54 cm	black
9794443	uvex u-cap sport	Impact cap, size 52 – 54 cm	black
9794444	uvex u-cap sport vent	Impact cap, size 52 – 54 cm	black
9794480	uvex u-cap sport hi-viz	Impact cap, size 55 – 59 cm	hi-viz yellow
9794481	uvex u-cap sport hi-viz	Impact cap, size 60 – 63 cm	hi-viz yellow
9794482	uvex u-cap sport hi-viz	Impact cap, size 52 – 54 cm	hi-viz yellow
9794490	uvex u-cap sport hi-viz	Impact cap, size 55 – 59 cm	hi-viz orange
9794491	uvex u-cap sport hi-viz	Impact cap, size 60 – 63 cm	hi-viz orange
9794492	uvex u-cap sport hi-viz	Impact cap, size 52 – 54 cm	hi-viz orange
9906002	Accessories	uvex pheos Visor	clear
9906003	Accessories	uvex pheos magnetic Visor	clear
9906005	Accessories	uvex pheos SLB 1 Visor	clear
9906006	Accessories	uvex pheos SLB 1 magnetic Visor	clear
9906007	Accessories	uvex pheos SLB 2 Visor	blue
9906008	Accessories	uvex pheos SLB 2 magnetic Visor	blue
9906012	Accessories	Replacement lens pheos Visor	clear
9906013	Accessories	Replacement lens pheos SLB 1 Visor	clear
9906017	Accessories	Replacement lens pheos SLB 2 Visor	blue
9924010	Accessories	Adapter	black
9954362	Accessories	Cloth bag for uvex visors	black



**uvex**

Breathing Protection

# EN149:2001+A1:2009

## Respiratory protective devices – filtering half-masks for protection against particles

All uvex respirators are tested and approved in accordance with the **European standard 149**. This standard sets out a wide range of requirements for respirators, with the aim of providing the user with the highest level of protection and comfort.

The key tests defined in EN149 are:

- measuring inhalation and exhalation resistance
- testing the exhalation valve
- visual inspection (marking, instructions for use)
- determining the filtering efficiency (protection class)
- optional: carrying out the dolomite dust test

Detailed information about the standards and guidelines for respiratory protection is available at:

<https://ures.uvex.de/en>



## The standard divides respirators into three protection classes according to their filtering efficiency and leakage:

### FFP 1

FFP1 respirators have a filtering capacity of at least 80% and filter up to four times the respective occupational exposure limit (OEL\*). These masks are suitable for particles that are neither toxic nor fibrogenic.

### FFP 2

FFP2 respirators are suitable for smoke, particles and dust that are noxious or harmful to health. They filter at least 94% of particles and can be used up to ten times the respective occupational exposure limit (OEL\*).

### FFP 3

With a filtering efficiency of at least 99%, FFP3 masks constitute the highest protection class. They filter up to 30 times the respective occupational exposure limit (OEL\*) and are suitable for protecting against toxic particles, dusts and smoke.



So that you can see the protection class at a glance, the marking is **blue** on FFP1 masks, **orange** on FFP2 masks and **black** on FFP3 masks.



In addition to the standard tests, all uvex masks fulfil the additional requirement of the dolomite dust test and are therefore marked with the letter D. Therefore the uvex respiratory protection products ensure excellent breathability, even in extremely dusty environments and during prolonged use.

All uvex respirators are in line with current EU legislation. 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.



## 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.



# The uvex breathing protection navigator

The fast route to finding the right respirator for your needs

Choosing the right respiratory protective device 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 hazardous substances must be provided/known (note the CAS number and OEL). The measurement can be carried out by the employers' liability insurance association, for example. The minimum requirements for selected areas of application can be found on the next page.
- after determining the protection class required (FFP1, FFP2 or FFP3), the following table can be used to select a respirator model that meets the requirements of the respective work conditions.
- there must be a sufficient volume of oxygen in the environment. Please observe the statutory regulations in this regard. A minimum of 17 vol% is required in Germany.
- if further PPE is required, this must be compatible. uvex respirators are ideal for use in combination with uvex safety spectacles.
- respiratory protective devices are not suitable for people with beards, sideburns or deep scars near the respirator sealing lines as these prevent a secure fit. Please contact your safety officer for a custom solution.
- Masks marked "NR" should not be used for more than eight hours. Masks marked "R" may be used for up to 24 hours but must be cleaned after each period of use. Masks should be replaced without delay if the breathing resistance becomes noticeably higher.
- if a half-mask with gas filters 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	2100, 2110, 7100, 7110
FFP2	3200, 3210	2200, 2210, 7200, 7210, 7212
FFP3	3310	2310, 2312, 7310
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	2110, 7110
FFP2	3210	2210, 7210, 7212, 7233, 7232
FFP3	3310	2310, 2312, 7310, 7333, 7330, 7312, 7317
With activated carbon layer to protect against unpleasant odours		
Protection class	Folding mask (with valve)	Cup-style mask (with valve)
FFP1	–	–
FFP2	3220	2220, 7220
FFP3		7320

► The minimum requirements for selected areas of application can be found on page 139.

# uvex silv-Air

## Areas of application

Activity	Harmful substances	Protection class		
		FFP1	FFP2	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!

# uvex silv-Air e

Respirators in protection class FFP2 and FFP3



8707317  
8707318

8707312

8707212

## uvex silv-Air 7317

- particle-filtering preformed mask with exhalation valve
- soft material edges for increased comfort
- very soft, all-around sealing lip for optimal wearer comfort and secure fit
- without nose clip (metal-free)
- four-point headband attachment for a comfortable, individual and secure fit
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask
- extra-wide textile headband ensures that the mask fits comfortably and securely

## uvex silv-Air 7312

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

## uvex silv-Air 7212

- particle-filtering preformed mask with exhalation valve
- soft material edges for increased comfort
- seamless headband for a comfortable, secure fit
- very soft, all-around sealing lip for optimal wearer comfort and secure fit
- flexible, adjustable integrated nose clip
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

uvex silv-Air 7317		
Art. no.	8707317	8707318
Version	FFP3 R D preformed mask with valve	
Colour	white	
Order unit	BOX	CT
Content	5 PC,	120 PC, individually
	packed in BOX	packed in CT

uvex silv-Air 7312		
Art. no.	8707312	
Version	FFP3 R D preformed mask with valve	
Colour	white	
Order quantity multiples	5 PC	
Content	5 PC, packed in BOX	

uvex silv-Air 7212		
Art. no.	8707212	
Version	FFP2 NR D preformed mask with valve	
Colour	white	
Order quantity multiples	15 PC	
Content	15 PC, packed in BOX	



Anatomically preformed nose area and integrated nosepiece within the filter material, ensures a perfect fit and the highest level of wearer comfort.



4-point headband attachment for a comfortable, secure fit of the mask.













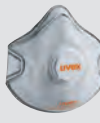


The high-quality filter material ensures low breathing resistance, while the smooth white filter surface reduces the risk of contamination through "linting" in areas with strict hygiene standards.



uvex silv-Air c  
Respirators



uvex silv-Air c

	FFP 1		FFP 2			FFP 3	
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 in protection class FFP1, FFP2 and FFP3



- soft material edges for greater comfort and wearer acceptance
- continuous textile headband ensures that the mask fits comfortably and securely
- optional: exhalation valve to reduce heat and humidity in the mask
- sealing lip (in the nose area for FFP1 and FFP2, all-round for FFP3) and nose clip provide maximum protection and comfort
- FFP2 models against unpleasant odours available (2220, 3220)
- FFP3 preformed masks are available in two sizes and also have a four-point headband attachment



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 position of the mask and increased wearer comfort.

## uvex silv-Air c

Filtering face masks, protection class FFP1


8733100  
8753100

8733110  
8753110

## 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		
Art. no.	8733100	8753100
Version	FFP1 NR D folding mask without valve	
Colour	white	
Order quantity multiple/	30 PC	BG
Order unit		
Content	30 PC, individually packed in BOX 3 PC, individually packed in BG	

## 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		
Art. no.	8733110	8753110
Version	FFP1 NR D folding mask with valve	
Colour	white	
Order quantity multiple/	15 PC	BG
Order unit		
Content	15 PC, individually packed in BOX 3 PC, individually packed in BG	


8732100  
8752100

8732110  
8752110

## 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		
Art. no.	8732100	8752100
Version	FFP1 NR D preformed mask without valve	
Colour	white	
Order quantity multiple/	20 PC	BG
Order unit		
Content	20 PC, packed in BOX 3 PC, packed in BG	

## 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 a secure fit
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build-up inside the mask

uvex silv-Air 2110		
Art. no.	8732110	8752110
Version	FFP1 NR D preformed mask with valve	
Colour	white	
Order quantity multiple/	15 PC	BG
Order unit		
Content	15 PC, packed in BOX 3 PC, packed in BG	

# uvex silv-Air c

Filtering face masks, protection class FFP2



8733200  
8753200

## uvex silv-Air 3200

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



8733210  
8753210

## 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



8733220

## 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
Art. no.	8733200	8753200	8733210	8753210	8733220
Version	FFP2 NR D folding mask without valve		FFP2 NR D folding mask with valve		FFP2 NR D folding mask with valve and carbon
Colour	white		white		silver
Order quantity multiple/	30 PC	BG	15 PC	BG	15 PC
Order unit					
Content	30 PC, individually packed in BOX	3 PC, individually packed in BG	15 PC, individually packed in BOX	3 PC, individually packed in BG	15 PC, individually packed in BOX



8732200  
8752200

## 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



8732210  
8752210

## 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



8732220

## 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
Art. no.	8732200	8752200	8732210	8752210	8732220
Version	FFP2 NR D preformed mask without valve		FFP2 NR D preformed mask with valve		FFP2 NR D preformed mask with valve and carbon
Colour	white		white		silver
Order quantity multiple/	20 PC	BG	15 PC	BG	15 PC
Order unit					
Content	20 PC, packed in BOX	3 PC, packed in BG	15 PC, packed in BOX	3 PC, packed in BG	15 PC, packed in BOX



## uvex silv-Air c

Filtering face masks, protection class FFP3


8733310  
8753311

## 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.	8733310	8753311
Version	FFP3 NR D folding mask with valve	
Colour	white	
Order quantity multiple/	15 PC	BG
Order unit		
Content	15 PC, individually packed in BOX	2 PC, individually packed in BG


8732310  
8752311

## 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


8732312  
8752312

## 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 2310		uvex silv-Air 2312	
Art. no.	8732310	8752311	8732312	8752312
Version	FFP3 NR D preformed mask with valve – large version		FFP3 NR D preformed mask with valve – small version	
Colour	white		white	
Order quantity multiple/	15 PC	BG	15 PC	BG
Order unit				
Content	15 PC, packed in BOX	2 PC, packed in BG	15 PC, packed in BOX	2 PC, packed in BG

# uvex silv-Air Breathing protection

## Quick overview of product features



The **360° exhalation valve** considerably reduces breathing resistance and build-up of heat and moisture in the mask.



The masks are **individually** packed and meet the highest standards of hygiene.



**Comfortable all-round sealing lip**  
The soft sealing lip guarantees a secure, comfortable sealed positioning of the mask.



**Carbon inside**  
The additional activated carbon layer incorporated in the filter material reduces unpleasant odours.



**Soft sealing lip in the nose and chin area**  
for a secure and comfortable fit.



The **3D nose area** ensures a comfortable fit, low leakage and prevents misting of uncoated eyewear.



**Comfortable sealing lip in the nose area**  
The soft sealing lip in the nose area guarantees a secure, pressure-free fit.



**High performance climate management**  
The mask offers extremely low breathing resistance due to the filter chambers connected with the inhalation valve. The climate management of the high performance mask guarantees optimum wearer comfort.



**Comfort nose clip**  
The mask is fitted with a high-quality nose clip making it individually adjustable.



**R labelling**  
The mask has been tested for reusability and has the required performance features for wearing during a second work shift.



**Metal-free**  
The mask is completely metal-free and is manufactured entirely of skin-tolerant materials.



**"NR" designation**  
The masks are not reusable and must therefore be disposed of after a work shift.
















































The **4-point headband attachment** allows an individual and secure fit, which can be perfectly adapted to meet the wearer's requirements.



**D labelling**  
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	Features	Retail unit	Outer packaging Quantity in PC
8701011	uvex clear	Cleaning spray		1 can (360 ml)	100
8707100	uvex silv-Air 7100	FFP1 preformed mask without valve		20 per box	180
8707110	uvex silv-Air 7110	FFP1 preformed mask with valve		15 per box	135
8707200	uvex silv-Air 7200	FFP2 preformed mask without valve		20 per box	180
8707210	uvex silv-Air 7210	FFP2 preformed mask with valve		15 per box	135
8707212	uvex silv-Air 7212	FFP2 preformed mask with valve		15 per box	135
8707220	uvex silv-Air 7220 with carbon	FFP2 preformed mask with valve		15 per box	135
8707232	uvex silv-Air 7232 High-Performance	FFP2 preformed mask with three-chamber system		3 per box	36
8707233	uvex silv-Air 7233 High-Performance	FFP2 preformed mask with three-chamber system		3 per box	36
8707310	uvex silv-Air 7310	FFP3 preformed mask with valve		5 per box	60
8707312	uvex silv-Air 7312	FFP3 preformed mask with valve		5 per box	60
8707317	uvex silv-Air 7317	FFP3 preformed mask with valve		5 per box	60
8707318	uvex silv-Air 7317	FFP3 preformed mask with valve		120 pieces	120
8707320	uvex silv-Air 7320 with carbon	FFP3 preformed mask with valve		5 per box	60
8707330	uvex silv-Air 7330 High-Performance	FFP3 preformed mask with three-chamber system		3 per box	36
8707333	uvex silv-Air 7333 High-Performance	FFP3 preformed mask with three-chamber system		3 per box	36
8708103	uvex silv-Air 8103	FFP1 folding mask without valve		20 per box	480
8708113	uvex silv-Air 8113	FFP1 folding mask with valve		15 per box	360
8708203	uvex silv-Air 8203	FFP2 folding mask without valve		20 per box	480
8708213	uvex silv-Air 8213	FFP2 folding mask with valve		15 per box	360
8708313	uvex silv-Air 8313	FFP3 folding mask with valve		15 per box	360
8732100	uvex silv-Air 2100	FFP1 preformed mask without valve		20 per box	240
8752100	uvex silv-Air 2100	FFP1 preformed mask without valve		3 per box	60
8732110	uvex silv-Air 2110	FFP1 preformed mask with valve		15 per box	180
8752110	uvex silv-Air 2110	FFP1 preformed mask with valve		3 per box	60
8732200	uvex silv-Air 2200	FFP2 preformed mask without valve		20 per box	240
8752200	uvex silv-Air 2200	FFP2 preformed mask without valve		3 per box	60
8732210	uvex silv-Air 2210	FFP2 preformed mask with valve		15 per box	180
8752210	uvex silv-Air 2210	FFP2 preformed mask with valve		3 per box	60
8732220	uvex silv-Air 2220 with carbon	FFP2 preformed mask with valve		15 per box	180
8732310	uvex silv-Air 2310	FFP3 preformed mask with valve		15 per box	180
8752311	uvex silv-Air 2310	FFP3 preformed mask with valve		2 per box	20
8732312	uvex silv-Air 2312	FFP3 preformed mask with valve		15 per box	180
8752312	uvex silv-Air 2312	FFP3 preformed mask with valve		2 per box	20
8733100	uvex silv-Air 3100	FFP1 folding mask without valve		30 per box	360
8753100	uvex silv-Air 3100	FFP1 folding mask without valve		3 per box	60
8733110	uvex silv-Air 3110	FFP1 folding mask with valve		15 per box	180
8753110	uvex silv-Air 3110	FFP1 folding mask with valve		3 per box	60
8733200	uvex silv-Air 3200	FFP2 folding mask without valve		30 per box	360
8753200	uvex silv-Air 3200	FFP2 folding mask without valve		3 per box	60
8733210	uvex silv-Air 3210	FFP2 folding mask with valve		15 per box	180
8753210	uvex silv-Air 3210	FFP2 folding mask with valve		3 per box	60
8733220	uvex silv-Air 3220 with carbon	FFP2 folding mask with valve		15 per box	180
8733310	uvex silv-Air 3310	FFP3 folding mask with valve		15 per box	180
8753311	uvex silv-Air 3310	FFP3 folding mask with valve		2 per box	60
8765100	uvex silv-Air 5100	FFP1 folding mask without valve		30 per box	480
8775100	uvex silv-Air 5100	FFP1 folding mask without valve		3 per box	60





# uvex silv-Air

## Overview

Art. no.	Name	Type	Features	Retail unit	Outer packaging Quantity in PC
8765101	uvex silv-Air 5100+	FFP1 folding mask without valve	  	30 per box	480
8775101	uvex silv-Air 5100+	FFP1 folding mask without valve	  	3 per box	60
8765110	uvex silv-Air 5110	FFP1 folding mask with valve	   	15 per box	240
8775110	uvex silv-Air 5110	FFP1 folding mask with valve	   	3 per box	60
8765111	uvex silv-Air 5110+	FFP1 folding mask with valve	   	15 per box	240
8775111	uvex silv-Air 5110+	FFP1 folding mask with valve	   	3 per box	60
8765200	uvex silv-Air 5200	FFP2 folding mask without valve	  	30 per box	480
8775200	uvex silv-Air 5200	FFP2 folding mask without valve	  	3 per box	60
8765201	uvex silv-Air 5200+	FFP2 folding mask without valve	  	30 per box	480
8775201	uvex silv-Air 5200+	FFP2 folding mask without valve	  	3 per box	60
8765210	uvex silv-Air 5210	FFP2 folding mask with valve	   	15 per box	240
8775210	uvex silv-Air 5210	FFP2 folding mask with valve	   	3 per box	60
8765211	uvex silv-Air 5210+	FFP2 folding mask with valve	   	15 per box	240
8775211	uvex silv-Air 5210+	FFP2 folding mask with valve	   	3 per box	60
8765221	uvex silv-Air 5220+ with carbon	FFP2 folding mask with valve	    	15 per box	240
8775221	uvex silv-Air 5220+ with carbon	FFP2 folding mask with valve	    	3 per box	60
8765310	uvex silv-Air 5310	FFP3 folding mask with valve	   	15 per box	240
8775310	uvex silv-Air 5310	FFP3 folding mask with valve	   	3 per box	60
8765311	uvex silv-Air 5310+	FFP3 folding mask with valve	   	15 per box	240
8775311	uvex silv-Air 5310+	FFP3 folding mask with valve	   	3 per box	60
8765321	uvex silv-Air 5320+ with carbon	FFP3 folding mask with valve	    	15 per box	240
8775321	uvex silv-Air 5320+ with carbon	FFP3 folding mask with valve	    	3 per box	60

# Safety Gloves





# Innovative safety gloves “Made in Germany”

Manufacturing and technology expertise



Video



## 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)



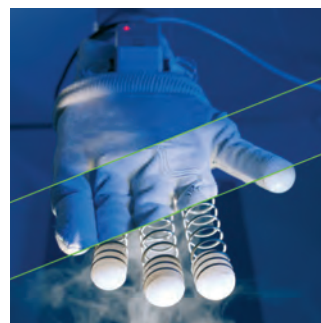
**MADE IN GERMANY**

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

### ISO 14001 certification

uvex safety gloves in Lüneburg is the second company within the uvex safety group to have been certified to the international environmental management standard ISO 14001. ISO 14001 focuses on the continuous improvement process, with the aim of enabling concrete environmental goals to be achieved in the long term. No other safety glove manufacturer in Europe has ever achieved this stringent certification before.

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





# uvex i-gonomics

## Hand protection with measurably greater relief

uvex i-gonomics redefines wearer comfort: The innovative product system boasts an ergonomic fit, lightweight design and ideal climate characteristics. This makes our safety gloves more comfortable to wear and gives them optimal flexibility – so maximum performance can be achieved at all times, even under extreme conditions.



# uvex phynomic airLite A ESD

## The safety glove for the fifth sense – with touchscreen compatibility and ESD function.

The uvex phynomic airLite A ESD is the lightest safety glove in its class and offers a noticeable difference in wearer comfort: It combines high sensitivity and tactile feel with lightness and breathability, all in one glove.

This makes it perfect for precision work and handling very small or fine components – and you can still use almost all screens, tablets and mobile phones when you are wearing them.



Scan for more information about the uvex i-gonomics product system.

## force 4.8

**Test method:**  
Tensile force/elongation

**Test result:**  
Tensile force at 120% of total elongation = 32 N (IW 4.8)

**High flexibility, fatigue-free work**



## weight 4.3

**Test method:**  
Weight per unit area

**Test result:**  
Weight per unit area = 24.8 mg/cm<sup>2</sup> (IW 4.3)

**High sensitivity and lightness for high wearer acceptance**



### Relief index calculation:

The relief index is calculated from the average of the three index values (IW) – force, weight and climate – and ranges from 0 (= poor) to 5 (= optimum).



## clima 3.1

**Test method:**  
Water vapour permeability

**Test result:**  
R<sub>ET</sub>-value = 29.21 (IW 3.1)

**Reduced perspiration for better wearer acceptance**



# uvex Chemical Expert System

## Chemicals database and glove plans online

As a leader of innovation, we place the highest demands on the products and services. The uvex Chemical Expert System (CES) has been developed by experts for experts. This online tool supports you in the comprehensive analysis and optimisation of safety glove solutions for your business.

### Online chemicals database for safety gloves

The uvex Chemical Expert System (CES) offers an extensive chemicals database for selecting the appropriate safety gloves for working with hazardous substances. As a user, you can create a personal permeation list or receive advice from our specialists. It only takes a few clicks to discover the right chemical protection safety gloves for your specific requirements.

### Glove plan designer

The glove plan designer in the uvex Chemical Expert System makes it quick and easy to create glove plans to ensure high safety standards in your business. Following completion of the registration process, you can either adapt existing glove plans devised by our specialists or design your own. The system helps you create a complete glove plan in a few simple steps and the high degree of customisation presents a diverse range of possibilities.

## uvex Chemical Expert System (online)

### Chemicals database for safety gloves

Sort by Hazardous substance ↔ Safety gloves (permeation lists)

### Gloves plan designer

Sort by Activity ↔ Safety gloves (glove plans)

### Advantages of the uvex Chemical Expert System:

- extensive database of tested chemicals
- individual creation of a permeation list
- easy selection of chemical protection safety gloves
- personal account with premium functions
- self-explanatory creation and management of glove plans
- high degree of glove plan customisation
- available in a variety of languages

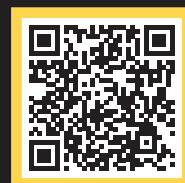
uvex – advice and product expertise from a single source.

### Website



<https://ces.uvex.de/>





You can find more information  
at [uvex-academy.com](http://uvex-academy.com)

## A practical introductory seminar on industrial hand protection

- information on legal and standards requirements concerning the use of safety gloves
- introduction to the relevant chemical substances and how they are classified
- information on the materials used in hand protection and their applications
- information on assessing and avoiding potential dangers in the workplace
- practical demonstration of the protective qualities of different hand protection materials
- guidance in choosing suitable safety gloves at work

### Target group

Those responsible for employee health and safety, e.g. health and safety officers, specialist purchasers and representatives of employee groups.

### Dates

30 June 2020  
19 November 2020

### Venue:

UVEX SAFETY Gloves GmbH & Co. KG,  
Lüneburg



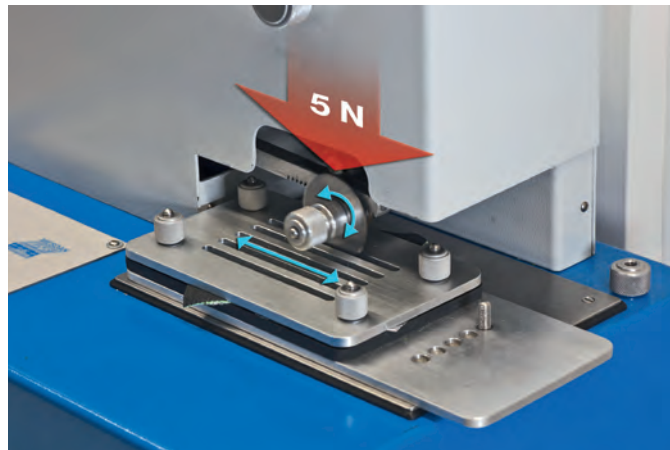
For more information or to book a place, please visit [uvex-academy.de](http://uvex-academy.de),  
call +49 (0)911 9736 1710 or email [academy@uvex.de](mailto:academy@uvex.de)

# 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

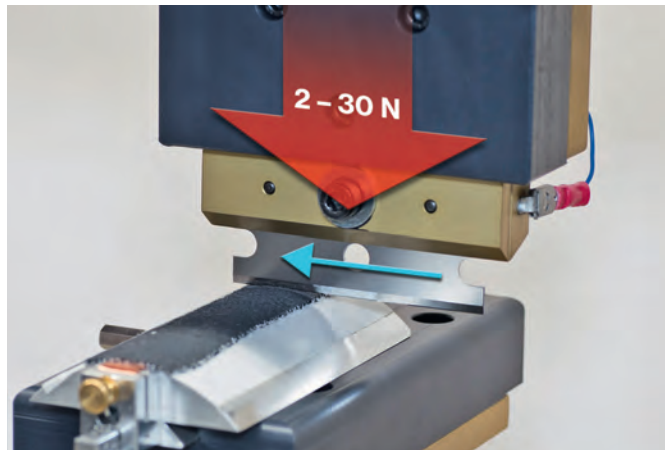
No correlation can be made between the two test procedures and performance rating. The glove still offers the same high level of cut protection in practice; the only change is to the standard-based classification of its performance.

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:

<https://www.uvex-safety.com/new-standard-cut-protection>

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)

Video



# 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	EN ISO 374-1:2016/Type B	EN ISO 374-1:2016/Type C
		
<b>Permeation resistance of type A:</b> at least 30 minutes each with at least 6 test chemicals.	<b>Permeation resistance of type B:</b> at least 30 minutes each with at least 3 test chemicals.	<b>Permeation resistance of type C:</b> at least 10 minutes each with at least 1 test chemical.

### Expansion of test chemicals:

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

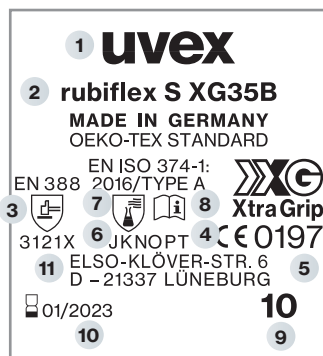
Letter symbol	Test chemical	CAS no.	Class
EXISTING	A Methanol	67-56-1	Primary alcohol
	B Acetone	67-64-1	Ketone
	C Acetonitrile	75-05-8	Nitrile
	D Dichloromethane	75-09-2	Chlorinated hydrocarbon
	E Carbon disulphide	75-15-0	Sulphur-containing organic compound
	F Toluene	108-88-3	Aromatic hydrocarbon
	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

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.

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



- Name of the manufacturer
- Glove Product Name
- Performance classes, mechanical
- CE conformity mark
- No. of Test Institute
- Letters symbolise test chemicals against which the glove has a protection index of at least class 2.
- Pictogram with designation of standard
- Note enclosed instructions for use
- Glove size
- Expiration date
- Manufacturer address

### 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
uvex u-chem 3300	YES	YES	YES	YES (R2 – R5)	YES



# Safety Gloves

## Mechanical Risks



Precision work

166 – 175, 184



uvex phynomic range



uvex rubipor XS    uvex unigrip range    uvex synexo M100



uvex unipur range    uvex athletic range    uvex unilite range



All-round

176 – 179



uvex contact ergo    uvex profi ergo    uvex profi XG



Heavy duty

180, 183



uvex rubiflex    uvex compact    uvex unilite thermo range



Heat protection

182



uvex nk    uvex k-basic extra    uvex profatherm



Cut protection

185 – 199



uvex phynomic range



uvex D500 foam    uvex C500 range    uvex C300 range



uvex synexo impact 1    uvex synexo M500    uvex unidur range



# Safety Gloves

## Chemical Risks

### Safety gloves with cotton support

204 – 209

Coating: Nitrile



uvex rubiflex ESD



uvex rubiflex S XG



uvex rubiflex S



uvex rubiflex S



uvex rubiflex SZ



Cut protection



uvex u-chem 3300



uvex u-chem 3200



uvex u-chem 3100



uvex u-chem 3000



uvex protector range

### Safety gloves without cotton support

210 – 211



Nitrile –  
uvex profastrong



Chloroprene –  
uvex profapren



Butyl –  
uvex profabutyl



Butyl/Viton® –  
uvex profaviton



### Disposable safety gloves

213



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

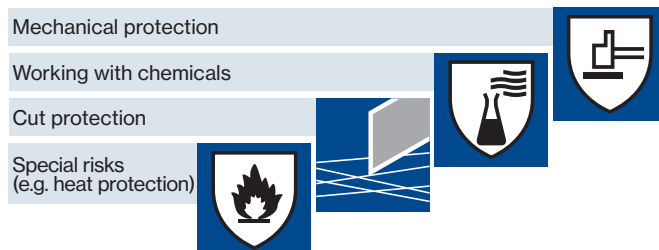
There are many factors which must be taken into consideration when selecting the appropriate safety gloves. To help you make the right choice, uvex has developed clear guidelines that include helpful symbols for selecting safety gloves for specific areas of application.



## 1. Identify and classify risk potential

What is the main risk for users in the workplace?

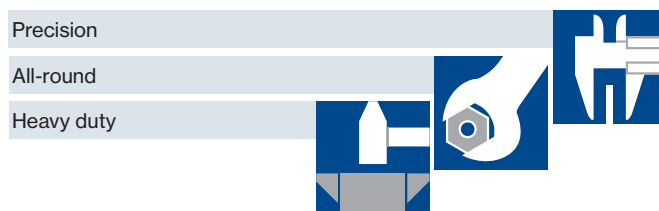
The symbols provide initial guidance to help you choose the right category for the appropriate safety gloves.



## 2. Determine individual requirements of the safety gloves

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

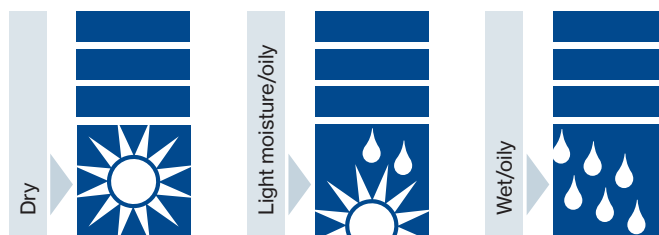
Will the nature of the work require precision, entail interchangeable all-round activities or place high demands on the wearer and the safety gloves?



## 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.



 <p>Safety gloves certified according to OEKO-TEX® Standard 100.</p>	<p><b>MADE IN GERMANY</b></p> <p>Safety gloves are developed and manufactured in Germany.</p>	<p><b>pure standard</b></p> <p>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.</p>
<p><b>climazone</b></p> <p>Safety gloves meet the uvex climazone standard. Measurable increased breathability and reduced perspiration for greater wellbeing when wearing safety gloves.</p>	 <p>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).</p>	 <p>Safety glove for use on almost all screens, tablets and mobile phones.</p>

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. pallet transport), construction, servicing.
 dry	 uvex phynomic airLite A ESD  uvex phynomic lite/lite w  uvex unipur range  uvex rubipor range	 uvex phynomic foam  uvex phynomic allround  uvex athletic lite	 uvex synexo M100  uvex unilite thermo
 light moisture / oily		 uvex phynomic wet  uvex phynomic XG	 uvex phynomic pro  uvex unilite thermo plus c
 wet / oily		 uvex phynomic wet plus  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

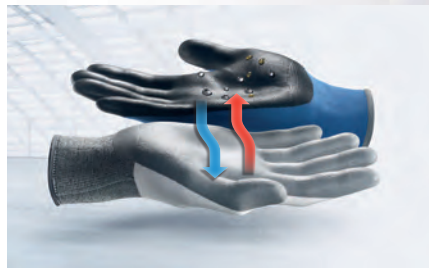
### 1. Perfect fit



#### 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
- for applications with industrial touchscreen monitors: airLite aqua-polymer foam 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

\*\*\* Models uvex phynomic airLite A ESD, uvex phynomic airLite B ESD, uvex phynomic airLite C ESD





uvex





# Mechanical Risks

Area of application: precision/all-round

## An intelligent future

More and more companies are integrating intelligent methods into their production process. The digitalisation of industrial production (Industry 4.0. ) is still on its way. You will be equipped for the future with the uvex phynomic airLite A ESD thanks to its touchscreen compatibility for use on almost all screens, tablets and mobile phones.



This applies to all products marked with this symbol.

## Health protection and the latest uvex coating technology

The newly developed "airLite" aqua-polymer coating in combination with a high-quality liner (18 gauge) offers not only touchscreen compatibility but also the highest sensitivity and tactile feel for precision work when handling very small or fine components.

It has also been tested by the proDERM® institute in an elaborate user-study process and its skin compatibility has been dermatologically approved.



The uvex phynomic airLite ESD range also offers gloves with cut protection in Cut Level B and C. See page 188 for details.



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## uvex phynomic airLite A ESD

- the lightest safety glove in its class
- ESD function (DIN EN 16350:2014)
- a noticeable difference in wearer comfort: combination of high sensitivity and tactile feel, lightness and breathability
- touchscreen compatibility for use on almost all screens, tablets and mobile phones
- thin and breathable "airLite" aqua-polymer coating combines the highest sensitivity and tactile feel with touchscreen compatibility
- very good grip in dry and slightly damp areas
- free from accelerators, health protection and skin compatibility dermatologically approved (proDERM®), highly suitable for allergy sufferers

### Areas of application:

- precision assembly work
- precision work
- sorting
- quality control



You can find more information at [www.uvex-safety.com/airlite](http://www.uvex-safety.com/airlite)

	uvex phynomic airLite A ESD
Art. no.	60038
Design	knitted cuff
Standard	EN 388 (3 11 0 X), DIN EN 16350: 2014
Material	polyamide, elastane, carbon
Coating	palm and fingertips with airLite aqua-polymer coating
Suitable for	for dry and slightly damp areas of application
Colour	black
Sizes	6 to 12
Order quantity multiples	10 PR



# Mechanical Risks

Area of application: precision/all-round



## uvex phynomic foam

- 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
- free from accelerators, health protection and skin compatibility dermatologically approved (proDERM®), highly suitable for allergy sufferers

### 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
- free from accelerators, health protection and skin compatibility dermatologically approved (proDERM®), highly suitable for allergy sufferers

### Areas of application:

- maintenance
- assembly
- precision work
- transport/packaging work
- 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
- free from accelerators, health protection and skin compatibility dermatologically approved (proDERM®), highly suitable for allergy sufferers

### Areas of application:

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

Art. no.	uvex phynomic foam	uvex phynomic allround	uvex phynomic XG
Design	60050	60049	60070
Standard	knitted cuff	knitted cuff	knitted cuff
Material	EN 388 (3 1 2 1 X)	EN 388 (3 1 3 1 X)	EN 388 (4 1 2 1 X)
Coating	polyamide, elastane	polyamide, elastane	polyamide, elastane
Suitable for	palm and fingertips with aqua-polymer foam coating	palm and fingertips with aqua-polymer foam coating	aqua-polymer xtra grip foam coating on palm and fingertips
Colour	dry areas and slightly damp areas	dry areas and slightly damp areas	damp and oily working conditions
Sizes	white, grey	grey, black	black, black
Order unit	5 to 12	5 to 12	6 to 12
	10 PR	10 PR	10 PR



# Mechanical Risks

Area of application: precision/all-round



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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
- free from accelerators, health protection and skin compatibility dermatologically approved (proDERM®), highly suitable for allergy sufferers

Areas of application:

- precision work
- assembly
- maintenance
- repair work

## 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
- free from accelerators, health protection and skin compatibility dermatologically approved (proDERM®), highly suitable for allergy sufferers

Areas of application:

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

	uvex phynomic wet	uvex phynomic wet plus	uvex phynomic pro
Art. no.	60060	60061	60062
Design	knitted cuff	knitted cuff	knitted cuff
Standard	EN 388 (3 1 3 1 X)	EN 388 (3 1 3 1 X)	EN 388 (2 1 2 1 X)
Material	polyamide, elastane	polyamide, elastane	bamboo, polyamide, elastane
Coating	aqua-polymer foam coating on palm and fingertips	palm and 3/4 of the back of the hand with aqua-polymer foam coating	palm and 3/4 of the back of the hand with aqua-polymer pro coating
Suitable for	damp and oily working conditions	damp and oily working conditions	damp and oily working conditions
Colour	blue, anthracite	blue, anthracite	blue, anthracite
Sizes	6 to 12	6 to 12	6 to 12
Order quantity multiples	10 PR	10 PR	10 PR





# Mechanical Risks

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

Reduce the risk of injury when handling rotating parts

## uvex phynomic x-foam HV

The uvex phynomic x-foam HV is a high-tech innovation in the field of mechanical hand protection. A seamless break section integrated into the base of each finger significantly reduces the tear resistance, allowing the hand to be removed should it become trapped when using manually operated screwdrivers.

The uvex phynomic range offers other advantages too. It stands for perfection in three dimensions: perfect fit, optimal function and absolute purity. The uvex pure standard ensures perfect product and wearer protection.

The glove is free from accelerators, and its health protection and skin compatibility are dermatologically approved (proDERM®).



Break section



## 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
- free from accelerators, health protection and skin compatibility dermatologically approved (proDERM®), highly suitable for allergy sufferers

### NOTE:

- only partially suitable for handling moving machine parts
- a thorough hazard analysis with the support of our uvex hand protection specialists is vital before use

	uvex phynomic x-foam HV
Art. no.	60054
Design	knitted cuff
Standard	EN 388 (3 1 X 1 X)
Material	polyamide, elastane
Coating	palm and fingertips with aqua-polymer foam coating
Suitable for	dry areas and slightly damp areas
Colour	orange, grey
Sizes	6 to 12
Order quantity multiples	10 PR



# Mechanical Risks

Area of application: precision/all-round



pure standard



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## uvex phynomic lite · uvex phynomic lite w

- lightweight safety glove for fatigue-free work
- 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
- free from accelerators, dermatologically approved skin compatibility (proDERM®), highly suitable for allergy sufferers

- 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 (2 1 2 1 X)	EN 388 (2 1 2 1 X)
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
Order quantity multiples	10 PR	10 PR



# Mechanical Risks

Area of application: precision/all-round



**climazone**  
MADE IN GERMANY

## 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 XS5001B
Art. no.	60276	60316
Design	knitted cuff	knitted cuff
Standard	EN 388 (1110 X)	EN 388 (1110 X)
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
Order quantity multiples	10 PR	10 PR



# Mechanical Risks

Area of application: precision/all-round



## uvex athletic lite

- lightweight and sensitive safety glove for mechanical tasks
- matt, porous and particularly abrasion-resistant microfoam coating
- very good grip in dry and slightly damp areas
- high breathability thanks to the porous coating, reducing sweating
- perfect fit thanks to the "slim fit" design and elastane in the liner
- free from hazardous substances in accordance with OEKO-TEX® Standard 100

Areas of application:

- precision assembly work
- maintenance
- inspection
- sorting

## uvex athletic allround

- lightweight and dirt-resistant all-round safety glove for mechanical tasks
- very good mechanical abrasion resistance thanks to the damp-resistant aqua-polymer foam coating
- very good grip in dry and slightly damp areas
- perfect fit thanks to the "slim fit" design and elastane with liner
- free from hazardous substances in accordance with OEKO-TEX® Standard 100

Areas of application:

- maintenance
- assembly
- transport/packaging work
- sorting

	uvex athletic lite
Art. no.	60027
Design	knitted cuff
Standard	EN 388 (4 1 3 2 X)
Material	polyamide, elastane
Coating	palm and fingertips with NBR foam coating
Suitable for	dry and slightly damp areas
Colour	grey, anthracite
Sizes	6 to 11
Order quantity multiples	10 PR

	uvex athletic allround
Art. no.	60573
Design	knitted cuff
Standard	EN 388 (4 1 2 2 X)
Material	polyamide, elastane
Coating	palm and fingertips with NBR foam coating
Suitable for	dry and slightly damp areas
Colour	grey, anthracite
Sizes	6 to 11
Order quantity multiples	10 PR





# Mechanical Risks

Area of application: precision/all-round



## 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

- 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 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



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

Art. no.	uvex unilite 7700
Design	60585
Standard	knitted cuff
Material	EN 388 (4 1 2 1 X)
Coating	polyamide, elastane
Suitable for	palm and fingertips coated with NBR/polyurethane coating
Colour	dry and damp, oily working conditions
Sizes	grey, black
Order quantity multiples	7 to 11
	10 PR

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



# Mechanical Risks

Area of application: precision/all-round



## 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
Art. no.	60943	60944
Design	knitted cuff	knitted cuff
Standard	EN 388 (4 1 4 1 X)	EN 388 (4 1 4 1 X)
Material	polyamide	polyamide
Coating	palm and fingertips coated with polyurethane coating	palm and fingertips coated with polyurethane coating
Suitable for	dry and slightly damp areas	dry and slightly damp areas
Colour	white, white	grey, grey
Sizes	6 to 11	6 to 11
Order quantity multiples	10 PR	10 PR

## 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 X)
Material	polyamide
Coating	palm and fingertips coated with polyurethane coating
Suitable for	dry and slightly damp areas
Colour	black, black
Sizes	6 to 11
Order quantity multiples	10 PR



# Mechanical Risks

Area of application: precision/all-round



## 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

Art. no.	uvex unipur carbon	uvex unipur carbon FT
Design	60556	60587
Standard	knitted cuff	knitted cuff
	EN 388 (2 1 3 1 X)	EN 388 (2 1 3 1 X)
	EN 16350:2014	EN 16350:2014
Material	polyamide, carbon	polyamide, carbon
Coating	palm with carbon microdots, fingertips with thin elastomer coating	fingertips with thin elastomer coating
Suitable for	dry areas of application	dry areas of application
Colour	grey, black, white	grey, white
Sizes	6 to 10	6 to 10
Order quantity multiples	10 PR	10 PR

## uvex unigrip

- knitted safety gloves with 13-gauge (uvex unigrip PA and uvex unigrip 6620) for precise mechanical work and 10 gauge (uvex unigrip 6624) for rougher mechanical activities
- good grip with the thin PVC dots in dry areas

### Areas of application:

- assembly
- sorting
- packaging

Art. no.	uvex unigrip 6624	uvex unigrip 6620
Design	60238	60135
Standard	knitted cuff, 10-gauge	knitted cuff, 13-gauge
	EN 388 (2 2 4 2 B)	EN 388 (2 2 4 1 B)
Material	polyamide, cotton	polyamide, cotton
Coating	palm and fingers coated with PVC dots	palm and fingers coated with PVC dots
Suitable for	dry areas of application	dry areas of application
Colour	grey, red	white, blue
Sizes	7 to 10	7 to 10
Order quantity multiples	10 PR	10 PR





## Safety Gloves

Area of application: all-round/heavy duty



Safety gloves for **all-round** use often have to meet numerous criteria. They need to be robust but not too rough and provide excellent grip in both dry and wet/oily conditions.

For **heavy duty** applications, it is particularly beneficial for the safety glove to be highly robust and hard wearing, with excellent grip as well.



# Safety Gloves

Area of application: all-round/heavy duty

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



# Mechanical Risks

Area of application: all-round/heavy duty



MADE IN GERMANY

## 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

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

	uvex profi ergo ENB20A	uvex profi ergo ENB20
Art. no.	60147	60148
Design	knitted cuff	knitted cuff
Standard	EN 388 (2 1 2 1 X)	EN 388 (2 1 2 1 X)
Material	cotton interlock	cotton interlock
Coating	palm and 3/4 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
Order quantity multiples	10 PR	10 PR



# Mechanical Risks

Area of application: all-round/heavy duty



**XG** Xtra Grip



MADE IN GERMANY

## 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 X)	EN 388 (3 1 2 1 X)
Material	cotton interlock	cotton interlock
Coating	palm and 3/4 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
Order quantity multiples	10 PR	10 PR



# Mechanical Risks

Area of application: Heavy duty



## 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

Art. no.	uvex rubiflex NB27
Design	89636
Standard	gauntlet, approx. 27 cm
Material	EN 388 (3 111 X)
Coating	cotton interlock
Suitable for	fully coated with special NBR coating (nitrile rubber)
Colour	damp, oily or greasy areas of application
Sizes	orange
Order quantity multiples	7 to 11
	10 PR

## 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

Art. no.	uvex compact NB27E	uvex compact NB27H
Design	60946	60945
Standard	canvas gauntlet	canvas gauntlet
Material	EN 388 (4 1 2 1 X)	EN 388 (4 1 2 1 X)
Coating	jersey cotton	jersey cotton
Suitable for	palm and 3/4 of the back of the hand with NBR coating (nitrile rubber)	palm and whole back of the hand with NBR coating (nitrile rubber)
Colour	damp, oily or greasy areas of application	
Sizes	white, blue	white, blue
Order quantity multiples	9 to 10	10
	10 PR	10 PR





# Mechanical Risks

Area of application: Heavy duty

## DIN EN 407:2004

### Standard for safety gloves providing protection against thermal risks – heat

The European **standard DIN EN 407** regulates the requirements for safety gloves that provide protection against thermal risks in applications involving heat. Safety gloves certified according to this standard protect the wearer against contact heat, radiant heat and small splashes of molten metal, for example.

However, this does not apply to the specific use of safety gloves in firefighting.

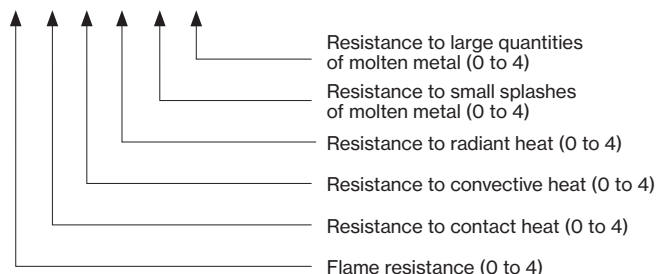
According to DIN EN 407, heat protection gloves must have the following features:

- low flammability and low flame propagation
- low heat transmission (protection against radiant, convective and contact heat)
- high temperature resistance

### EN 407



X 2 X X X X



The test described in DIN EN 407 assigns safety gloves a performance class in relation to each of the individual thermal hazards. It is important that the glove does not come into contact with open flames if it does not meet the criteria of performance class 3 in the burning behaviour test.

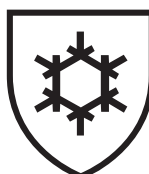
## DIN EN 511:2006

### Standard for safety gloves providing protection against thermal risks – cold

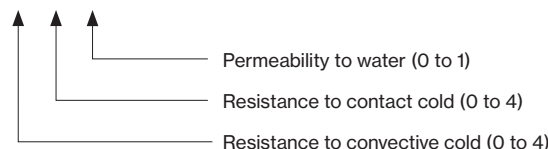
Cold safety gloves must meet the requirements of the European **standard DIN EN 511**. The certified gloves below are designed to protect the wearer from penetrating ambient cold and from contact cold through direct contact.

Gloves can also be tested for water impermeability in accordance with EN ISO 15383, thus enabling them to protect the hands from wetness and moisture. This test is considered to have been passed if water does not penetrate the safety glove over a 30-minute period.

### EN 511



0 1 0



As with mechanical risk protection, the safety glove is assigned a different performance class for each individual aspect. The performance classes are indicated by a number from 0 to 4 next to the pictogram, whereby 4 is the highest performance class.



# Mechanical Risks

Area of application: Heat risks



Sandwich lining



60213



MADE IN GERMANY



Cotton cladding



60179



EN 388:2016 2 2 4 1 B  
EN 407 X 2 X X X X

60595

## 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 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

Areas of application:

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

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

	uvex k-basic extra 6658
<b>Art. no.</b>	60179
<b>Design</b>	knitted cuff, 7-gauge
<b>Standard</b>	EN 388 (2 4 4 2 D), EN 407 (X 2 X X X X)
<b>Material</b>	100 % Kevlar®, cotton lining (inside)
<b>Coating</b>	none
<b>Suitable for</b>	cut and heat-resistant
<b>Colour</b>	yellow
<b>Sizes</b>	8, 10, 12
<b>Order quantity multiples</b>	6 PR

	uvex profatherm XB40
<b>Art. no.</b>	60595
<b>Design</b>	gauntlet, approx. 40 cm
<b>Standard</b>	EN 388 (2 2 4 1 B), EN 407 (X 2 X X X X)
<b>Material</b>	cotton terry
<b>Coating</b>	none
<b>Suitable for</b>	insulation against heat and cold
<b>Colour</b>	white
<b>Sizes</b>	11
<b>Order quantity multiples</b>	6 PR

# Mechanical Risks

Area of application: Heat risks



60593



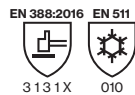
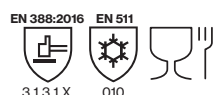
60592



60942



60591



## 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 plus cut c

- outstanding tactile feel
- high abrasion resistance
- flexible at cold temperatures
- mechanical resistance
- very high cut protection (Level C)

Areas of application:

- work in cold environments
- construction and metalworking industry
- (refrigerated) warehouses
- forklift drivers
- handling sharp parts during: assembly, sorting
- packaging work



	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 (3131X), EN 511 (010)	EN 388 (3131X), EN 511 (010)	EN 388 (3231X), EN 511 (12X)
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 3/4 of the back of the hand with cold-flexible polymer coating	palm and whole back of the hand with PVC coating, 3/4 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
Order quantity multiples	10 PR	10 PR	10 PR

	uvex unilite thermo plus cut c
Art. no.	60591
Design	back of the hand partially coated, knitted cuff
Standard	EN 388 (3X42C), EN 511 (02 X)
Material	two-layer design: acrylic (inside), glass/polyamide (outside)
Coating	palm and fingertips with polymer coating that is flexible in the cold
Suitable for	dry and slightly damp working conditions
Colour	lime, black
Sizes	7 to 11
Order quantity multiples	10 PR





# Mechanical Risks

Area of application: Heavy Duty/Construction

The challenges faced in the construction industry are diverse, with tasks ranging from preparatory site works and civil engineering to building installation and interior fitting. To achieve great results, everyone involved must work in flawless synergy with each other – as must all items of personal protective equipment.

uvex has developed and selected over 150 innovative PPE products for the construction industry, all of which are designed to meet the specific needs of the sector.



For heavy-duty applications, uvex also offers safety gloves from the HexArmor® brand.  
More information: [www.hexarmor.com](http://www.hexarmor.com)



## 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
- maintenance

	uvex synexo M100
Art. no.	60021
Design	velcro fastening, padding in palm area, knitted cuff
Standard	EN 388 (4 1 3 1 X)
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
Order quantity multiples	10 PR



# 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.com](http://www.hexarmor.com)



60598



60022

## uvex synexo impact 1

- seamless cut protection glove with protectors and reinforced thumb joints 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

Art. no.	uvex synexo impact 1
Design	60598
Standard	protectors on the back of the hand, velcro fastening, padding in the palm area, knitted cuff
Material	EN 388 (4 X 4 3 C P)
Coating	HPPE, glass, nylon
Suitable for	palm and fingertips with NBR coating (nitrile rubber) and Grip finish for dry areas and damp, oily working conditions
Colour	yellow, black
Sizes	7 to 11
Order quantity multiples	10 PR

## 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
- maintenance

Art. no.	uvex synexo M500
Design	60022
Standard	velcro fastening, padding in palm area, knitted cuff
Material	EN 388 (4 X 4 2 C)
Coating	HPPE, glass, nylon
Suitable for	palm and fingertips with NBR coating (nitrile rubber) and Grip finish for dry areas and damp, oily working conditions
Colour	yellow, black
Sizes	7 to 11
Order quantity multiples	10 PR



# 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 fulfil 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 are 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 is 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

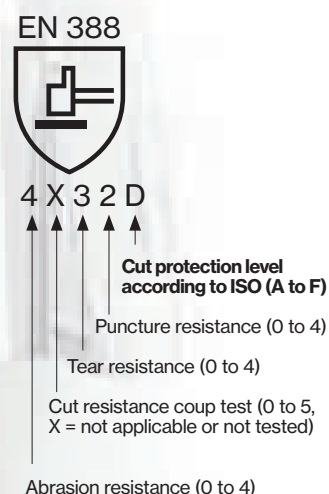
### Classification of cut performance levels

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	 uvex athletic D5 XP	  		
C	 uvex C500	 uvex C500 dry	 uvex C300 dry	 uvex phynomic airLite C ESD	 uvex phynomic C5	  	
		 uvex C300 foam	 uvex C500 foam	 uvex unidur 6659 foam	 uvex C500 M foam	  	
		 uvex C300 wet	 uvex synexo M500	 uvex C500 wet	 uvex C500 wet plus	 uvex C500 XG	 uvex synexo impact 1
B	 uvex phynomic airLite B ESD	 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 airLite B ESD

- the lightest and most sensitive cut protection glove in Cut Level B
- ESD function (DIN EN 16350:2014)
- noticeable difference in wearer comfort: combination of the highest sensitivity, lightness and high breathability
- touchscreen compatibility for use on almost all screens, tablets and mobile phones
- thin, breathable "airLite" aqua-polymer coating in combination with a high-quality liner (18 gauge) offers the highest sensitivity and tactile feel for precision work
- very good grip in dry and slightly damp areas
- free from glass and steel fibres
- free from accelerators, dermatologically approved skin compatibility (proDERM®), highly suitable for allergy sufferers

### Areas of application:

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

Art. no.	uvex phynomic airLite B ESD
Design	60078
Standard	knitted cuff
Material	EN 388 (3 X 3 2 B), DIN EN 16350: 2014
Coating	Dyneema® Diamond Technology, polyamide, elastane, carbon
Suitable for	aqua-polymer coating airLite on palm and fingertips
Colour	dry areas and slightly damp areas
Sizes	sky blue, black
Order quantity multiples	6 to 12
	10 PR

## uvex phynomic airLite C ESD

- the lightest and most sensitive cut protection glove in Cut Level C
- ESD function (DIN EN 16350:2014)
- noticeably thin and sensitive in combination with high cut protection (Level C) thanks to innovative cut protection fibres: Dyneema® Diamond 2.0
- free from glass and steel fibres
- touchscreen compatibility for use on almost all screens, tablets and mobile phones
- thin, breathable "airLite" aqua-polymer coating in combination with a high-quality liner (18 gauge) offers the highest sensitivity and tactile feel for precision work
- very good grip in dry and slightly damp areas
- accelerators, health protection and skin compatibility dermatologically approved (proDERM®), highly suitable for allergy sufferers

### Areas of application:

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

Art. no.	uvex phynomic airLite C ESD
Design	60084
Standard	knitted cuff
Material	EN 388 (3 X 4 2 C), DIN EN 16350: 2014
Coating	Dyneema® Diamond 2.0 Technology, polyamide, elastane, carbon
Suitable for	palm and fingertips with aqua-polymer coating airLite
Colour	dry areas and slightly damp areas
Sizes	blue, black
Order quantity multiples	6 to 12
	10 PR



# Mechanical Risks

Area of application: cut protection



MADE IN GERMANY

## uvex phynomic C3

- sensitive cut protection safety glove for mechanical activities
- suitable for use in the food industry
- 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
- free from accelerators, health protection and skin compatibility dermatologically approved (proDERM®), highly suitable for allergy sufferers

Areas of application:

- assembly
- inspection
- sorting
- food processing

Art. no.	uvex phynomic C3 60080
Design	knitted cuff
Standard	EN 388 (4 X 4 3 B)
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
Order quantity multiples	10 PR



MADE IN GERMANY

## uvex phynomic C5

- all-round cut protection safety glove for mechanical activities
- suitable for use in the food industry
- 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
- free from accelerators, health protection and skin compatibility dermatologically approved (proDERM®), highly suitable for allergy sufferers

Areas of application:

- assembly
- inspection
- sorting
- food processing

Art. no.	uvex phynomic C5 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
Order quantity multiples	10 PR





# 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 provide 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>			

Website



## 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



Crotch zone reinforcement ▶



EN 388:2003  
4 5 4 2

EN 388:2016  
4 X 4 2 C

60498



## 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 mould technology

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

	uvex D500 foam
Art. no.	60604
Design	knitted cuff
Standard	EN 388 (4 X 4 2 D)
Material	bamboo-rayon, Dyneema® Diamond, steel, polyamide
Coating	palm and fingertips with high-performance elastomer (HPE) and SoftGrip foam coating
Suitable for	dry areas and slightly damp areas
Colour	lime, anthracite
Sizes	7 to 11
Order quantity multiples	10 PR



## 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
  - maintenance
  - metalworking industry

	uvex C500 M foam
Art. no.	60498
Design	crotch zone reinforcement, knitted cuff
Standard	EN 388 (4 X 4 2 C), EN 407 (X 1 X X X X)
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
Order quantity multiples	10 PR





# Mechanical Risks

Area of application: cut protection



## 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
- 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 3/4 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
Order quantity multiples	PC	10 PR	10 PR	10 PR
Order unit				





# Mechanical Risks

Area of application: cut protection



**climazone**  
MADE IN GERMANY

## uvex C500

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

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

- Areas of application:
- automotive industry
  - assembly
  - maintenance
  - metalworking
  - shipping/logistics
  - sorting
  - glass handling
  - sheet metal processing
  - 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
Order quantity multiples	10 PR	10 PR	10 PR



# Mechanical Risks

Area of application: cut protection



EN 388:2003  
2 3 4 X  
EN 388:2016  
X X 4 X C

60549



EN 388:2003  
4 3 4 2  
EN 388:2016  
3 X 4 2 C

60544



EN 388:2003  
4 3 4 2  
EN 388:2016  
4 X 4 2 C

60542



**climazone**  
MADE IN GERMANY

## uvex C300

- cut protection glove with excellent wearer comfort
- outstanding mechanical abrasion resistance thanks to the innovative SoftGrip coating (uvex C300 foam and uvex C300 wet)
- very good grip in dry (all models), slightly damp (uvex C300 foam) and wet (uvex C300 wet) environments

- good cut protection with patented uvex Bamboo TwinFlex® technology
- 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



	uvex C300 dry	uvex C300 foam	uvex C300 wet
Art. no.	60549	60544	60542
Design	knitted cuff	knitted cuff	knitted cuff
Standard	EN 388 (X X 4 X C)	EN 388 (3 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
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	anthracite	anthracite	anthracite
Sizes	7 to 11	7 to 11	7 to 11
Order quantity multiples	10 PR	10 PR	10 PR



# Mechanical Risks

Area of application: cut protection



## uvex unidur 6641

- PU cut protection safety glove with high-quality Special Cut Performance PE fibre
- outstanding mechanical abrasion resistance thanks to a good combination of fibres and coating
- good grip in dry and slightly damp areas
- good cut protection due to high-quality Special Cut Performance PE fibre
- very good tactile feel
- highly flexible
- outstanding comfort

Areas of application:

- automotive industry
- maintenance
- assembly
- metalworking
- packaging

	uvex unidur 6641
Art. no.	60210
Design	knitted cuff
Standard	EN 388 (4 3 4 3 B)
Material	HPPE, elastane
Coating	palm and fingertips with polyurethane coating
Suitable for	dry areas and slightly damp areas
Colour	white, grey
Sizes	6 to 11
Order quantity multiples	10 PR

## 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 6643
Art. no.	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
Order quantity multiples	10 PR





# Mechanical Risks

Area of application: cut protection



## uvex unidur 6648

- 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

Art. no.	uvex unidur 6648
Design	60932
Standard	knitted cuff
Material	EN 388 (4 3 4 2 B)
Coating	HPPE, elastane
Suitable for	palm and fingertips with polyurethane coating
Colour	dry areas and slightly damp areas
Sizes	white, black
Order quantity multiples	6 to 11
	10 PR



## 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

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



# Mechanical Risks

Area of application: cut protection



## uvex unidur 6659 foam

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

Areas of application:

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

## uvex unidur 6679 foam

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

Areas of application:

- automotive industry
- metal industry
- packaging

## uvex athletic D5 XP

- very high cut protection (Level D)
- good grip on dry and (slightly) oily/wet workpieces
- very good mechanical abrasion resistance
- reinforced thumb joints
- high flexibility, very good fit
- very good tactile feel
- suitable for industrial washing

Areas of application:

- automotive industry
- metalworking industry
- glass industry
- inspection
- sorting
- packaging

	uvex unidur 6659 foam
Art. no.	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
Order quantity multiples	10 PR

	uvex unidur 6679 foam
Art. no.	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
Order quantity multiples	10 PR

	uvex athletic D5 XP
Art. no.	60030
Design	knitted cuff
Standard	EN 388 (4 X 4 3 D)
Material	HPPE, steel, polyamide, elastane
Coating	palm and fingertips coated, micro NBR foam coating
Suitable for	dry and slightly damp/oily working conditions
Colour	grey, anthracite
Sizes	6 to 11
Order quantity multiples	10 PR



# Mechanical Risks

Area of application: cut protection



EN 388:2016  
2 X 4 X C

60973



EN 388:2016  
2 X 4 X C

60974



## uvex unidur sleeve C

- very high cut protection (Cut Level C)
- very thin and flexible
- high comfort
- velcro fastening for a custom fit
- OEKO-TEX® Standard 100

Areas of application:

- automotive industry
- glass industry
- metalworking industry
- assembly
- maintenance
- construction work

## uvex unidur sleeve C TL

- very high cut protection (Cut Level C)
- very thin and flexible
- high comfort
- velcro fastening for a custom fit
- OEKO-TEX® Standard 100
- thumb loop (TL) for added safety (protection against cuts on the wrist)

Areas of application:

- automotive industry
- glass industry
- metalworking industry
- assembly
- maintenance
- construction work



	uvex unidur sleeve C
<b>Art. no.</b>	60973
<b>Design</b>	Lower arm protection with velcro fastening 46 cm (size M), 50 cm (size L)
<b>Standard</b>	EN 388 (4 X 4 X C)
<b>Material</b>	HPPE, glass, polyamide
<b>Coating</b>	without coating
<b>Suitable for</b>	for dry areas
<b>Colour</b>	mottled grey
<b>Sizes</b>	M, L
<b>Order unit</b>	PC

	uvex unidur sleeve C TL
<b>Art. no.</b>	60974
<b>Design</b>	Lower arm protection with velcro fastening with thumb loop 46 cm (size M), 50 cm (size L)
<b>Standard</b>	EN 388 (2 X 4 X C)
<b>Material</b>	HPPE, glass, polyamide
<b>Coating</b>	without coating
<b>Suitable for</b>	for dry areas
<b>Colour</b>	mottled grey
<b>Sizes</b>	M, L
<b>Order unit</b>	PC





# Chemical Risks

Selecting the right hand protection

Selecting the right safety gloves is absolutely essential when working with chemicals. Chemical protection safety gloves protect wearers from possible hazards that can cause permanent damage or even death.

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.

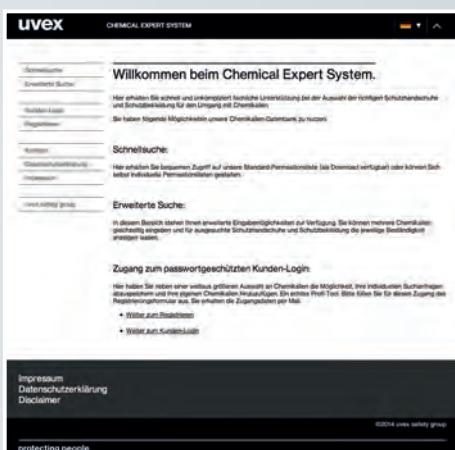
Benefits at a glance:

- 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

Website



1



Entry page to chemicals database

2



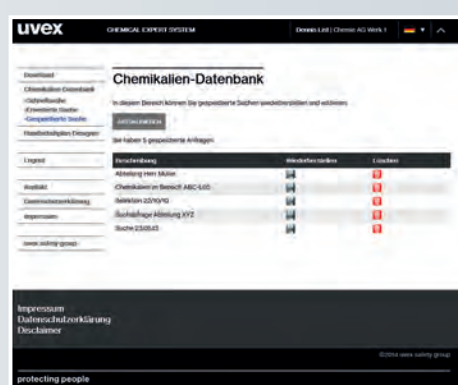
Variety of different search options

3



Clear overview of results

4



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 textil support for outstanding wearer comfort		
NBR	 uvex u-chem 3300	 uvex rubiflex S (blue)	 uvex rubiflex ESD
	 uvex rubiflex XG	 uvex u-chem 3200	 uvex u-chem 3000
			 uvex rubiflex S
			 uvex u-chem 3100
	Protective gloves without textil support, some with lightly flocked finish		
NBR		 uvex profastrong	
Chloroprene		 uvex profapren	
Special materials		 uvex profabutyl	 uvex profaviton
	Disposable protective gloves for short-term use		
NBR	 uvex u-fit lite	 uvex u-fit	 uvex u-fit strong N2000



# 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

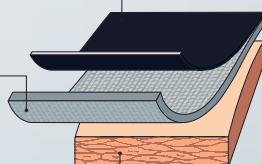
The canal structure of the uvex Xtra grip technology gloves absorbs liquids, helping maintain a secure grip on tools and components.

### Functional combination of liner and coating

Conductive NBR coating

Cotton support with carbon for high wearer comfort and excellent conductivity

Surface of skin



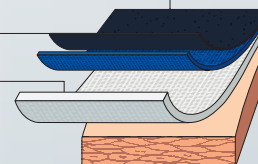
### The multilayer construction ensures safety and grip

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

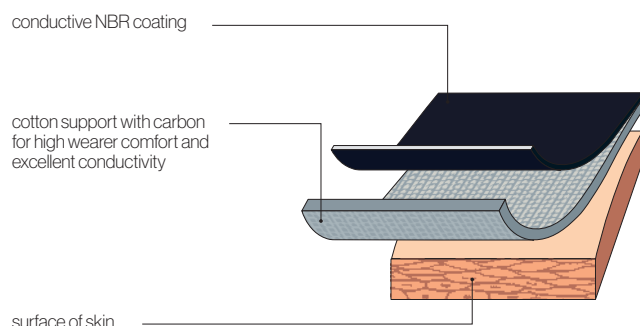
## The ideal solution for areas with explosive atmospheres

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



JKLOPT

EN 388:2016



2111X



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 (2111X), 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
Order quantity multiples	10 PR

# Chemical Risks

## Safety gloves with cotton support: NBR coating



EN ISO 374-1:2016/Type A



EN 388:2016



60557



MADE IN GERMANY



Lightweight and flexible

EN ISO 374-1:2016/Type A



EN 388:2016



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) EN ISO 374-1:2016/Type A (J K N O P T)
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
Order quantity multiples	10 PR	10 PR

### 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) EN ISO 374-1:2016/Type A (J K N O P T)
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
Order quantity multiples	10 PR	10 PR



# 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	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
<b>Order quantity multiples</b>	10 PR	10 PR	10 PR

## 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	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
<b>Order quantity multiples</b>	10 PR	10 PR	10 PR	10 PR

# Chemical Risks

Safety gloves with cotton support: NBR coating



## uvex u-chem 3300

- outstanding wearer comfort
- comfortable bamboo-fiber inside
- absorption function of the natural fiber
- extremely high dexterity
- outstanding tactile feel good resistance to many chemicals

Areas of application:

- chemical industry
- printing industry
- inspection/maintenance
- laboratories
- painting work
- food processing
- pharmaceutical industry
- cleaning

## uvex u-chem 3200

- best grip in oily conditions
- flexibility and grip
- good mechanical properties
- excellent fit

Areas of application:

- construction industry
- chemical industry
- printing industry
- inspection/maintenance work
- metalworking (cleaning)
- metal processing industry
- petroleum industry
- oil and gas industry
- petrochemicals

uvex u-chem 3300	
Art. no.	60971
Design	cuff, fully coated, approx. 32 cm
Standard	EN 388 (2 1 2 1 X), EN ISO 374-1:2016 / Type A (J K L O P T)
Material	Bamboo-rayon/Nylon
Coating	NBR (nitrile butadiene rubber), approx. 0.21 mm
Suitable for	good resistance to grease, mineral oils and many chemicals
Colour	blue
Sizes	7 to 11
Order quantity multiples	10 PR

uvex u-chem 3200	
Art. no.	60972
Design	cuff, fully coated, approx. 35 cm
Standard	EN 388 (3 1 3 1 X), EN ISO 374-1:2016 / Type A (J K L M O T)
Material	nylon weave
Coating	NBR (nitrile butadiene rubber), approx. 0.50 mm
Suitable for	good resistance to grease, mineral oils and many chemicals
Colour	petrol, black
Sizes	7 to 12
Order quantity multiples	10 PR



# Chemical Risks

Safety gloves with bamboo-fiber



60961

## uvex u-chem 3000

- full chemical protection glove, certified in line with EN 374 (AJKL OT)
- good mechanical protection
- good chemical resistance
- good mechanical resistance
- long service life

Areas of application:

- maintenance
- metal working
- cleaning
- chemical industry
- printing industry

Art. no.	uvex u-chem 3000
Design	60961
Standard	cuff, fully coated, approx. 35 cm
Material	EN 388 (4 1 3 1 X), EN ISO 374-1:2016 / Type A (A J K L O T)
Coating	EN 407 (X 1 X X X X)
Suitable for	cotton interlock
Colour	NBR (nitrile butadiene rubber), approx. 0.50 mm
Sizes	good resistance to grease, mineral oils and many chemicals
Order quantity multiples	7 to 11
	10 PR



60968

## 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

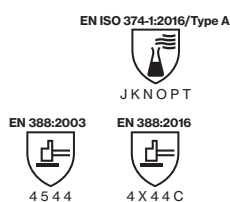
Areas of application:

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

Art. no.	uvex u-chem 3100
Design	60968
Standard	cuff, fully coated, approx. 30 cm
Material	EN 388 (4 1 2 1 X), EN ISO 374-1:2016 / Type A (A J K L M O)
Coating	cotton (seamless)
Suitable for	NBR (nitrile butadiene rubber), approx. 0.50 mm
Colour	good resistance to grease, mineral oils and many chemicals
Sizes	black
Order quantity multiples	8 to 11
	10 PR

# Mechanical Risks

Area of application: cut protection



60535



60536



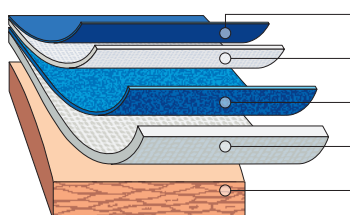
MADE IN GERMANY

## 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 C), EN ISO 374-1:2016/Type A (J K N O P T)	EN 388 (4 X 4 C), EN ISO 374-1:2016/Type A (J K N O P T)
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
Order quantity multiples	10 PR	10 PR



# Chemical Risks

Unsupported safety gloves



60122



60119

## 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 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 J K L O T)
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 11
Order quantity multiples	12 PR

## 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 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
Order quantity multiples	10 PR

# Chemical Risks

## Unsupported safety gloves



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
Art. no.	60949
Design	gauntlet, rolled edge, approx. 35 cm
Standard	EN 388 (2 0 1 0 X), EN 374 (A B I K L N O T)
Material	without stockinette
Coating	seamlessly coated with bromobutyl (approx. 0.50 mm)
Suitable for	good resistance to polar bonds acids and alkalis
Colour	black
Sizes	7 to 11
Order unit	PR



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



# 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 ensure 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 three different materials to cater for a wide range of application areas:

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

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



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

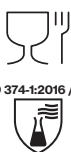
Detailed information can also be found in the uvex Chemical Expert System online at <https://ces.uvex.de>

Area of application	uvex u-fit lite	uvex u-fit	uvex u-fit strong 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
Paint shop	as splash protection	as splash protection	full contact in acc. with resistance list

# Chemical Risks

## Disposable safety gloves

Accelerator-free



EN ISO 374-1:2016 / Type C



60597



EN ISO 374-1:2016 / Type B



K P T



60596



EN ISO 374-1:2016 / Type A



J K L O P S T



60962



### 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

- 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 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 lite
Art. no.	60597
Design	roughened fingertips, approx. 24 cm
Standard	EN ISO 374-1:2016/Type C
Material	without stockinette
Coating	NBR (nitrile rubber), approx. 0.08 mm
Suitable for	highly resistant to grease and oil
Colour	indigo blue
Sizes	S to XL
Order unit	BOX
Content	box of 100 PC

	uvex u-fit
Art. no.	60596
Design	roughened surface, approx. 24 cm
Standard	EN ISO 374-1:2016/Type B (KPT)
Material	without stockinette
Coating	NBR (nitrile rubber), approx. 0.10 mm
Suitable for	highly resistant to grease and oil
Colour	blue
Sizes	S to XL
Order unit	BOX
Content	box of 100 PC

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

# Safety Gloves

## Overview

Art. no.	Art. code	Sizes	Colour
60021	uvex synexo M100	7 to 11	red, black
60022	uvex synexo M500	7 to 11	yellow, black
60027	uvex athletic lite	6 to 11	blue, anthracite
60028	uvex athletic allround	6 to 11	grey, anthracite
60030	uvex athletic D5 XP	6 to 11	grey, anthracite
60038	uvex phynomic airLite A ESD	6 to 12	black
60040	uvex phynomic lite	5 to 12	grey, grey
60041	uvex phynomic lite w	5 to 12	white, white
60049	uvex phynomic allround	5 to 12	grey, black
60050	uvex phynomic foam	5 to 12	white, grey
60054	uvex phynomic x-foam HV	6 to 12	orange, grey
60060	uvex phynomic wet	6 to 12	blue, anthracite
60061	uvex phynomic wet plus	6 to 12	blue, anthracite
60062	uvex phynomic pro	6 to 12	blue, anthracite
60070	uvex phynomic XG	6 to 12	black, black
60078	uvex phynomic airLite B ESD	6 to 12	light blue
60080	uvex phynomic C3	6 to 12	sky blue
60081	uvex phynomic C5	6 to 12	blue, grey
60084	uvex phynomic airLite C ESD	6 to 12	light blue
60119	uvex profapren CF33	7 to 10	dark blue
60122	uvex profastrong NF33	7 to 11	green
60135	uvex unigrip 6620	7 to 10	white, blue
60147	uvex profi ergo ENB20A	6 to 11	white, orange
60148	uvex profi ergo ENB20	6 to 10	white, orange
60150	uvex contact ergo	6 to 10	white, orange
60179	uvex k-basic extra 6658	8, 10, 12	yellow
60190	uvex rubiflex S NB80S	9 to 11	green
60191	uvex rubiflex S NB80SZ	9 to 11	green
60202	uvex NK4022	9 to 10	orange
60208	uvex profi ergo XG20	6 to 11	white, orange, black
60210	uvex unidur 6641	6 to 11	white, grey
60213	uvex NK2722	9 to 10	orange
60224	uvex rubiflex S NB35B	7 to 11	blue
60238	uvex unigrip 6624	7 to 10	grey, red
60248	uvex unipur 6639	6 to 11	black, black
60271	uvex rubiflex S NB27B	7 to 11	blue
60276	uvex rubipor XS2001	6 to 10	white, white
60314	uvex unidur 6643	7 to 10	mottled grey, black
60316	uvex rubipor XS5001B	6 to 10	white, blue
60321	uvex unipur 6634	7 to 10	grey, black
60491	uvex C500 sleeve	M, L	lime
60492	uvex C500 wet	7 to 11	lime, anthracite
60494	uvex C500 foam	7 to 11	lime, anthracite
60496	uvex C500 wet plus	7 to 11	lime, anthracite
60497	uvex C500	7 to 11	lime
60498	uvex C500 M foam	7 to 11	lime, black, anthracite
60499	uvex C500 dry	7 to 11	lime, anthracite

Art. no.	Art. code	Sizes	Colour
60516	uvex unidur 6649	7 to 11	mottled grey, grey
60535	uvex protector chemical NK2725B	9 to 10	blue
60536	uvex protector chemical NK4025B	9 to 10	blue
60542	uvex C300 wet	7 to 11	anthracite
60544	uvex C300 foam	7 to 11	anthracite
60549	uvex C300 dry	7 to 11	anthracite
60556	uvex unipur carbon	6 to 10	grey
60557	uvex rubiflex S XG35B	7 to 11	blue, black
60558	uvex profi ergo XG20A	6 to 11	white, orange, black
60560	uvex rubiflex S XG27B	7 to 11	blue, black
60573	uvex unilite 6605	6 to 11	black, black
60585	uvex unilite 7700	7 to 11	grey, black
60587	uvex unipur carbon FT	6 to 10	grey
60591	uvex unilite thermo plus cut C	7 to 11	lime, black
60592	uvex unilite thermo plus	7 to 11	black
60593	uvex unilite thermo	7 to 11	black
60595	uvex profatherm XB40	11	white
60596	uvex u-fit	S to XL	blue
60597	uvex u-fit lite	S to XL	indigo blue
60598	uvex synexo impact 1	7 to 11	yellow, black
60600	uvex C500 XG	7 to 11	lime, anthracite
60604	uvex D500 foam	7 to 11	lime, anthracite
60932	uvex unidur 6648	6 to 11	white, black
60938	uvex unidur 6659 foam	6 to 11	mottled grey, black
60942	uvex unilite thermo HD	8 to 11	orange, black
60943	uvex unipur 6630	6 to 11	white
60944	uvex unipur 6631	6 to 11	grey
60945	uvex compact NB27H	10	white, blue
60946	uvex compact NB27E	9 to 10	white, blue
60949	uvex profabutyl B-05R	7 to 11	black
60954	uvex rubiflex ESD NB35A	6 to 11	black
60957	uvex profaviton BV-06	8 to 11	black
60961	uvex u-chem 3000	7 to 11	green
60962	uvex u-strong N2000	S to XXL	blue
60968	uvex u-chem 3100	8 to 11	black
60969	uvex unidur 6679 foam	6 to 11	grey, black
60971	uvex u-chem 3300	7 to 11	blue
60972	uvex u-chem 3200	7 to 12	petrol, black
60973	uvex unidur sleeve C	M, L	mottled grey
60974	uvex unidur sleeve C TL	M, L	mottled grey
89636	uvex rubiflex NB27	7 to 11	orange
89646	uvex rubiflex S NB27S	8 to 11	green
89647	uvex rubiflex S NB60S	9 to 11	green
89651	uvex rubiflex S NB60SZ	9 to 11	green
98891	uvex rubiflex S NB35S	8 to 11	green
98902	uvex rubiflex S NB40S	8 to 11	green





Safety Footwear



## uvex climazone

### Innovative climate management

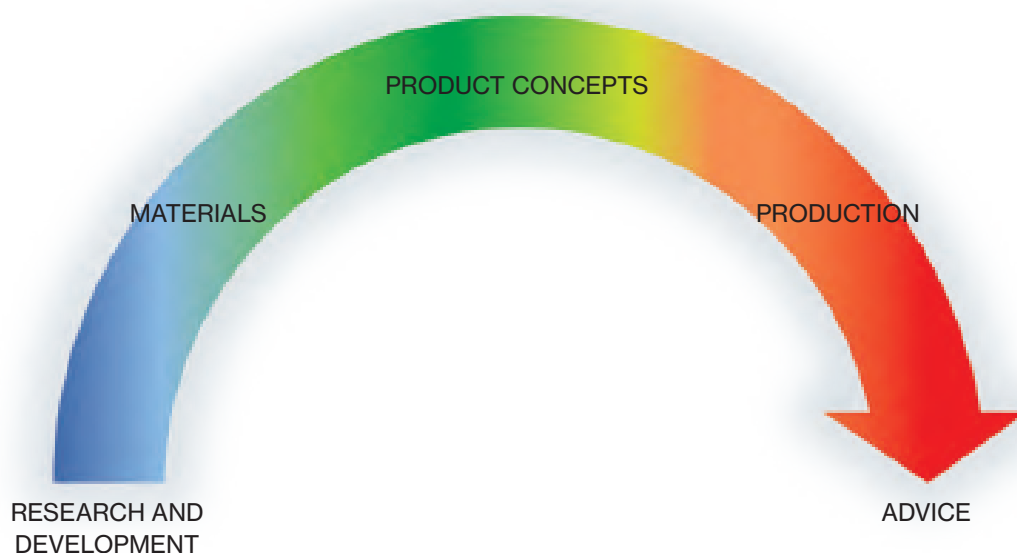
To effectively improve the climate in occupational safety equipment, it is essential to analyse relevant factors to investigate and understand how they work together.

uvex has been researching the impact of climate issues for many years. In collaboration with well-known institutes such as PFI (Pirmasens Testing and Research Institute), the Kaiserslautern Technical College and the Hohenstein Institute, testing methods and devices have been developed to enable a comprehensive and proven measurement of climate characteristics.

Are your feet too hot or too cold? Is excess perspiration making you feel unwell? Effective temperature control is particularly important in the field of safety footwear.

The comfort factor with uvex climazone:

- Regulates individual body temperature
- Work with a lasting sense of well-being
- Longer-lasting performance
- Optimum wearer comfort in any situation



Our partners in research and technology



Fachhochschule  
Kaiserslautern  
University of  
Applied Sciences



uvex climazone is the innovative head-to-toe climate-control system. uvex has combined its expertise in research and development with the use of intelligent materials and processing technology to create a unique range of climate-optimising products.

**climazone**

All products which have the innovative climate management features carry the uvex climazone symbol throughout this catalogue.



During intense physical activity, sweat production by the feet can fill a glass of water by the end of the day. uvex climazone wicks this moisture away reducing the risk of discomfort caused by blisters, fungal infections or even mild hypothermia and damage the footwear or socks.

## The boa® fit system.

Delivering fit solutions purpose-built for performance, the Boa® Fit System is featured in products across industries (in medical, sports and workwear) and consists of three integral parts: a micro-adjustable dial, a super-strong lightweight lace and low friction lace guides. Each unique configuration is engineered for effortless precision delivering a connected, fast, customized and durable fit, and is backed by The Boa Guarantee.

**Dial** A dial that adjusts fit with precision click by click.

**Lace** Lightweight, super-strong lace, expertly configured for comfort and performance.

**Guides** Low-friction guides to ensure a smooth closure, every time.

## The boa® benefits.

### Fit to perform.

Dial in your perfect fit for custom comfort that's consistent all-day, the micro-adjustable Boa Fit System is fast, easy and built to perform, so you can always get the job done.

### Confidence in all conditions.

Designed to reduce contamination by shedding ice, dirt, oil and other elements, the Boa Fit System will work as hard as you do, so you can stay focused and confident in any environment – without ever having to remove your gloves.

### Stay secure and focused.

Boa's precision engineered laces are contained inside the system, out of your way and out of machinery.

### Built for life.

When we say tough, we mean it. Engineered with ultra-durable materials, the Boa Fit System is extensively tested in the harshest conditions.

## Fit for life with boa®.

The Boa® Fit System dials and laces are guaranteed for the lifetime of the product on which they are integrated.

## How it works.



push in to engage



turn to tighten



pull up for quick release

Website



# uvex i-gonomics

## Foot protection with measurably greater relief

uvex i-gonomics redefines wearer comfort: The innovative product system boasts an ergonomic fit, lightweight design and ideal climate characteristics. This makes our safety shoes more comfortable to wear and gives them optimal flexibility – so maximum performance can be achieved at all times, even under extreme conditions.



## uvex 1 G2

### The new uvex 1 G2 collection is the next generation of the successful uvex 1 series

The uvex i-PUREnrj two-layer outsole is made of a newly developed type of polyurethane. The midsole has an energy absorption of 40.8 joules, i.e. double the standard, while providing energy recovery of around 66% in the heel\* and 59% in the forefoot\*.

The tread of the outsole has been specially adapted to working on industrial floors, is shaped in accordance with the latest findings from biomechanical research and offers maximum slip resistance. All this combined with the proven collar concept ensure a high RI index of 4.03.

\* Test report no: L190714889 CTC Lyon – 22/08/2019



Scan for more information about the uvex i-gonomics product system.

## force 4.2

**Test method:**  
Energy absorption in the heel area

**Test result:**  
Energy absorption = 40.8 J (IV 4.2)

**Reduced strain for more comfortable standing and walking**



## weight 3.0

**Test method:**  
Weighing the shoe

**Test result:**  
Product weight = 510 g (IV 3.0)

**Lightweight fit,  
reduced fatigue**



### Relief index calculation:

The relief index is calculated from the average of the three index values (IV) – force, weight and climate – and ranges from 0 (= poor) to 5 (= optimum).



## clima 4.9

**Test method:**  
Measuring the microclimate in the shoe

**Test result:**  
Absolute humidity = 20.23 g/kg air (IV 4.9)

**Less perspiration,  
drier feel, increased hygiene**





# Safety Footwear

Areas of application: light · medium · heavy



light  
areas of application

'Light' covers all areas of application where work is primarily carried out indoors and there are no significant demands on the physical properties of the outsole. Examples include assembly workplaces, as well as storage and logistics areas.



medium  
areas of application

'Medium' applications usually take place both indoors and outdoors, with the outsole needing to be significantly more robust. Typical users include manual labourers, public sector employers and people working the chemical industry.



heavy  
areas of application

'Heavy' applications involve external influences that place extensive demands on the shoe, its durability and stability. They are usually found in heavy mechanical engineering and in the construction industry, especially in building and civil engineering.

# Safety Footwear

## Pictogram overview

### climazone

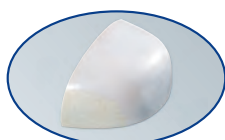
uvex climazone is an innovative head-to-toe climate control system. uvex has combined its expertise in research and product development with the use of intelligent materials and processing technologies to develop a unique range of climate-optimising safety products, such as safety footwear. For more details, see page 216.



ESD indicates the controlled discharge of electrostatic energy that can cause damage to electronic components in the event of uncontrolled discharge or trigger explosions. Safety footwear marked with the ESD symbol meets the ESD specification with a volume resistance of less than 35 megaohms. For a detailed explanation, see page 224.



Certain materials such as silicones, plasticisers and similar substances can impair the lacquer wetting of surfaces. The sole materials of footwear with this symbol has been tested accordingly by the automotive industry and approved.



#### uvex xenova® system

The uvex xenova® system is a comprehensive, completely metal-free safety system to protect the foot inside safety footwear.

Latest generation of uvex xenova® toe cap: the metal-free cap fits perfectly without pressure points. This delivers increased wearer comfort while kneeling and banging against obstacles.

uvex xenova® penetration-resistant midsole: the metal-free flexible, penetration-resistant xenova® midsole exactly matches the dimensions of the insole. It covers 100% of the sole area and protects against cold getting inside, which adds to wearing comfort.



#### uvex medicare

uvex medicare designates safety footwear that has been certified for orthopaedic adjustment and orthopaedic shoes in accordance with German Institute for Occupational Health and Safety (DGUV) regulation 112-191 and/or Austrian ÖNORM Z 1259.



#### uvex construction

Especially suited to applications in the construction industry

### BOA®

Delivering fit solutions purpose-built for performance, the Boa® Fit System is featured in products across sports, occupational safety and medical applications. For a detailed explanation, see page 217.



#### uvex women's and men's last

To ensure a proper fit for both men and women the last should vary according to the intended gender. Safety footwear marked with these symbols have been produced in sizes 35-40 using a last which mimics the contours of the female foot.



# Safety Footwear

## Standards · Labels

### Labelling

Manufacturer's identification mark	<b>uvex</b>	CE symbol
Manufacturer's type designation	91 8543.8 42	Size
Number of European standard	EN ISO 20345:2011	Date of manufacture
Symbol for protection	S1 SRC	Article number
	Made/Produziert in Italy for/für UVEX ARBEITSSCHUTZ GMBH Würzburger Str. 181–189 D-90766 Fürth, Germany	Postal address of the manufacturer

### Footwear symbols for industrial usage

Basic requirements/additional requirements/categories e.g. for leather shoes	Safety footwear EN ISO 20345	Occupational footwear EN ISO 20347
Basic requirements for shoes and impact resistance of toecaps	SB 200 Joule	OB No requirement
Additional requirements: Closed seat region Antistatic properties Energy absorption of seat region Fuel resistance	S1	O1 (without resistance to fuels)
Additional requirements: as above, plus water penetration and absorption	S2	O2
Additional requirements: as above, plus Penetration resistance* Cleated outsole	S3	O3
<b>Basic requirements/additional requirements/categories e.g. for shoes made from PVC or PU</b>		
Basic requirements for shoes and impact resistance of toecaps	SB 200 Joule	OB No requirement
Additional requirements: Antistatic properties Energy absorption of seat region Fuel resistance Penetration resistance* Cleated outsole	S5	O5
The choice of a particular shoe depends on the type of occupational risk. As with all footwear, additional requirements may exist (e.g. in terms of heat and cold insulation, penetration resistance or electrical resistance via ESD). These shoes are then marked accordingly. The testing principles for all basic and additional requirements are specified in EN ISO 20344.		

One of the three following requirements must be met and labelled in the shoe.			
Label	Characteristics tested	Test conditions	Friction coefficient
SRA	Slip resistance on ceramic tile floors with sodium lauryl sulfate solution (SLS)	Forward slip of the heel Forward slip on a flat surface	No less than 0.28 No less than 0.32
SRB	Slip resistance on steel floors with glycerol	Forward slip of the heel Forward slip on a flat surface	No less than 0.13 No less than 0.18
SRC	Slip resistance on ceramic tile floors with sodium lauryl sulfate solution and on steel floors with glycerol	Includes all test conditions cited under a. and b.	

# Safety Footwear

Standards · Labels

## Additional requirements for special applications with corresponding symbols

SYMBOL	RISK COVERED	EN ISO 20345					EN ISO 20347			
		SB	S1	S2	S3	S5	OB	O1	O2	O3
–	Basic									
P	Penetration resistance*									
A	Antistatic footwear									
E	Energy absorption around heel									
HI	Heat insulation									
CI	Cold insulation									
WRU	Water resistance of upper									
HRO	Heat resistance of outsole (+300 °C/min)									
WR	Whole shoe waterproof									
M	Metatarsal protection									
FO	Resistance to oil and petrol									

Meets the specified requirement

Requirement can be met but is not stipulated

### \* Penetration resistance

Warning – Please note that the penetration resistance of this footwear has been measured in the laboratory using a truncated nail of diameter 4.5 mm and a force of 1100 N. Higher forces or nails of smaller diameter will increase the risk of penetration occurring. In such circumstances alternative preventative measures should be considered.

Two generic types of penetration resistant insert are currently available in PPE footwear. These are metal types and those from non-metal materials. Both types meet the minimum requirements for penetration resistance of the standard marked on this footwear but each has different additional advantages or disadvantages including the following:

**Metal:** Is less affected by the shape of the sharp object/hazard (i.e. diameter, geometry, sharpness) but due to shoemaking limitations does not cover the entire lower area of the shoe.

**Non-metal:** May be lighter, more flexible and provide greater coverage area when compared with metal but the penetration resistance may vary more depending on the shape of the sharp object/hazard (i.e. diameter, geometry, sharpness).

For more information about the type of penetration resistant insert provided in your footwear please contact the manufacturer or supplier detailed on these instructions.





# Safety Footwear

## ESD

### Electrostatic

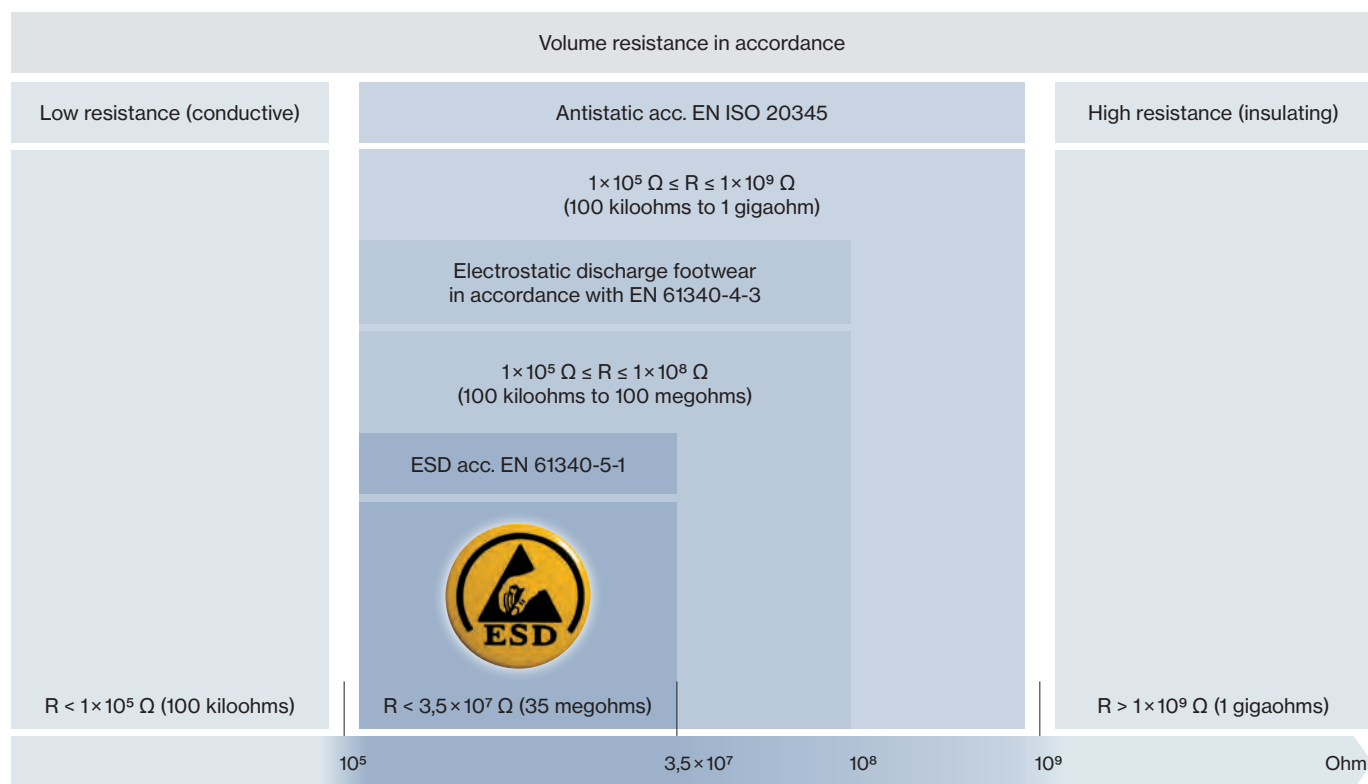
Controlling unwelcome electrostatic charge is becoming an increasingly important role in industry, as more and more employees come into contact with processes, materials or objects which are sensitive to electro static charge. It is often necessary to use safety footwear as part of a system to conduct electrostatic charge in such workplaces.

Independent of various measuring methods, volume resistance between 100 kilohms ( $1.0 \times 10^5$  ohms) and 35 megohms ( $3.5 \times 10^7$  ohms) is still required to fulfil the various relevant norms (e. g. EN ISO 20345, EN 61340).

All ESD-certified products in this catalogue feature the ESD symbol.



These products are also suitable in accordance with the specification for conductive footwear in the German Technical Rules for Hazardous Substances (TRGS) 727 "Avoiding risks of ignition resulting from electrostatic charges."



R = electrical resistance

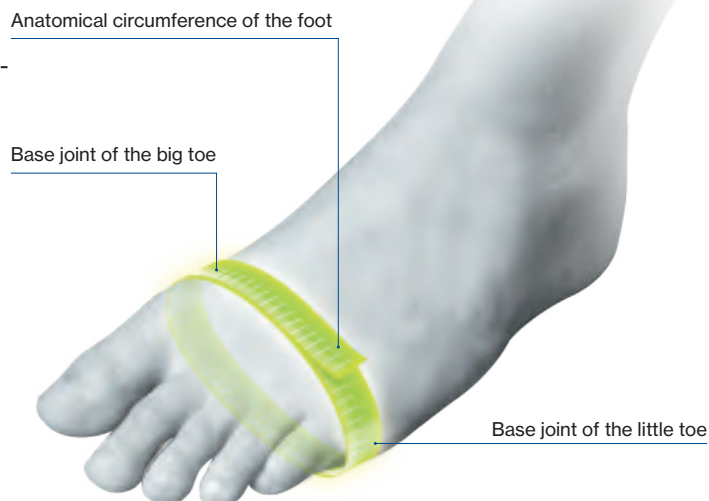
# Safety Footwear

## uvex multiple fit system

### uvex multiple fit system

As part of the safety footwear multiple fit system, a footwear style is offered in the same size but in a range of different fits. The different fits are based on the measurement of the widest part of the foot. A measurement can be taken of either the circumference of the foot at the base joint of the big toe and the base joint of the little toe or alternatively the width of the foot at this point (see opposite).

The classification of sizes and the corresponding values are detailed in the table below (all measurements in mm):



uvex shoe size	Foot length	Width 10 Circum.	Width 11 (standard) Circum.	Width 12 Circum.	Width 14 Circum.
35	217	216.5	222.5	228.5	240.5
36	225	221	227	233	245
37	232	225.5	231.5	237.5	249.5
38	240	230	236	242	254
39	247	234.5	240.5	246.5	258.5
40	255	239	245	251	263
41	262	243.5	249.5	255.5	267.5
42	270	248	254	260	272
43	277	252.5	258.5	264.5	276.5
44	285	257	263	269	281
45	292	261.5	267.5	273.5	285.5
46	300	266	272	278	290
47	307	270.5	276.5	282.5	294.5
48	315	275	281	287	299
49	322	279.5	285.5	291.5	303.5
50	330	284	290	296	308
51	337	288.5	294.5	300.5	312.5
52	345	293	299	305	317

All measurements in mm.

The required width can be determined from the table according to the wearer's foot length. The following table shows the corresponding uvex article number for the different widths:

► For any questions or queries, please contact uvex customer service at [safety@uvex.de](mailto:safety@uvex.de).

uvex article number	Width	Certification	Size range
XXXX.1	10	EN ISO 20345: 2011 S1 P or S3	depending on model
XXXX.2	11 (standard)		
XXXX.3	12		
XXXX.4	14		
XXXX.7	10	EN ISO 20345: 2011 S1 or S2	
XXXX.8	11 (standard)		
XXXX.9	12		
XXXX.0	14		



### uvex size advisor app

When choosing safety shoes, it is especially important to choose the right size in order to benefit fully from their protective function. In addition, only a perfect fit ensures lasting wearer comfort. However, size specifications may vary depending on the manufacturer. With the uvex size advisor app you can determine the right uvex shoe size and width to ensure the perfect fit and most comfortable shoe for your working day.





uvex



Video





## Winners at work – uvex 1 sport



# Designed for Individuals

Website



### Sporty look.

Sporty design meets sophisticated functionality: The uvex 1 sport is both youthful and stylish combined with first-class wearer comfort, thanks to its lightweight design, climate optimised high-tech materials and ergonomically shaped outsole.

uvex 1 sport – the ideal companion for daily working life and more.

### High breathability.

The breathable mesh upper ensures optimised climate control. The sporty look of the uvex 1 sport is contributing to the increased acceptance of wearing safety footwear.

### Lightweight and ergonomic design.

#### uvex 1 sport sole

- ergonomically designed outsole comprising dual-density polyurethane for light applications
- extremely comfortable underfoot
- suitable for general use on almost all surfaces
- excellent anti-slip properties (SRC)
- abrasion-resistant
- meets the ESD specification with volume resistance < 35 megaohms
- free of paint wetting impairment substances

Please visit our website for our complete range of uvex footwear  
<https://www.uvex-safety.com.sg/en/products/safety-shoes/>



uvex 1 – redefining performance

# Next Level Equipment



## Outstanding flexibility. Optimum wearer comfort.

The ergonomic design of the outsole supports the natural movement and flexibility of the feet.

High abrasion-resistant TPU sections ensure secure stepping and rolling of the foot, which helps prevent accidents.

Ideal shape around the joints for optimal torsion and good flexibility.

Self-cleaning tread optimised for slip resistance (SRC marking).



Jointed insert for securely climbing ladders.

Pivot point reduces pressure on joints when twisting and turning.



## Lightweight construction. Reduced fatigue.

Omit but don't miss out. A lower weight reduces strain on the body and reduces the risk of injury and wear. This is evident in the low weight design principle of the uvex 1 safety shoes. As the lightest uvex shoe in its class, the uvex 1 is approximately 100g lighter than uvex's bestseller the uvex motion style.



## 100% more shock absorption. Comfort in 3 dimensions.

The uvex 1 multilayer shock absorption system comprising a double-layered uvex 1 PU outsole and comfort insole with optimum shock absorption in the heel and the front of the foot helps protect the musculoskeletal system. The energy absorption in the heel is twice that required by EN ISO 20345. Pure walking comfort.



## Outstanding stability. Reliable support and safety.

Consistent stability is essential for secure, sure-footedness and accident-free working. The visible external heel basket which is integrated into the sole ensures stability and offers additional side impact protection. The 'x-tended' support model offers additional sideways support and enhanced protection against ankle twisting and impact. Both sole versions securely enclose the foot, without limiting flexibility.



## uvex monoskin shaft design. Pressure-free, comfortable fit.

The completely metal-free uvex monoskin upper shaft made from high-tech microfibre ensures outstanding wearer comfort without pressure points and the virtually seamless construction offers extended product life.



The uvex 1 safety footwear supports the natural movement of the whole body, reducing pressure and strain while maximising comfort. Continuous product development is carried out on the basis of the latest physiological research and technology, ensuring maximum performance with quantifiable benefits.

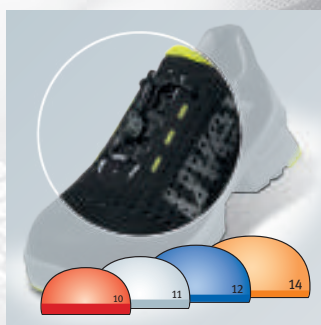


100% metal-free



Orthopaedic solutions  
according to German  
DGUV 112-191 and Austrian  
ÖNORM Z1259

**climazone**



**Anatomically designed for optimum comfort and fit.**

- flexible multiple width system for reliable support and comfort
- the flexible uvex multiple width system with widths 10-14\*\* provides optimum fit
- individually adjustable quick-lace system (IAS)\*\*
- anatomically designed toe cap for total safety
- use of a specially designed women's last for the uvex 1 models in sizes 35 to 40



**uvex climazone standard. Temperature and climate control.**

Large perforations, ultra-breathable high-tech-micro velour upper and distance mesh lining material together with a comfortable insole with moisture control system prevents the build-up of heat and reduces sweat.

Please visit our website for our complete range of uvex footwear  
<https://www.uvex-safety.com.sg/en/products/safety-shoes/>

\* Formerly known as German BGR 191 \*\* only for specific models



## uvex 1 business – the best of both worlds

### Perfect for the office as well as the workshop.

Do you need to head straight from the meeting room to the production line? uvex's new line of safety shoes brings together three classic looks from the fashion world – Derby shoes, desert boots and Chelsea boots. uvex 1 business safety shoes can go wherever you go, managing to be stylish and safe at the same time! Their attractive appearance blends seamlessly with smart business and casual attire, while their steel cap provides maximum protection with plenty of toe room. Their first-class wearer comfort never fails to impress, from morning to night.

#### High wearer acceptance

This ultra-lightweight range of safety footwear in a modern business look is available in S2 and S3 versions, in stylish blue or grey.



#### Proven safety

The extra-wide steel cap, metal-free, penetration-resistant insert and non-slip outsole, which exceeds the requirements of the standard for shock absorption by almost 100%, provide optimum protection.



#### Breathable materials

The highly breathable, chrome-free materials and antistatic comfortable insole ensure a pleasant foot climate, even during prolonged periods of use.



#### Comfortable fit

The innovative microvelour material with soft padding and insole with additional shock absorption around the heel and forefoot guarantee a pressure-free fit.



Orthopaedic solutions in accordance with German DGUV 112-191\* and Austrian ONORM Z1259

**climazone**



You can find more information at [www.uvex-safety.com/uvex1business](http://www.uvex-safety.com/uvex1business)

\* formerly BGR 191



# Highstreet Fashion meets Safety



Please visit our website for our complete range of uvex footwear  
<https://www.uvex-safety.com.sg/en/products/safety-shoes/>



# Pushing the Limits!



## Superior performance across all disciplines

The innovative uvex 2 safety footwear range in protection classes S3, S2 and S1 P is up for the challenge: delivering optimum shock absorption, ergonomic fit, low weight and excellent climate characteristics, ensuring maximum performance and redefining the limits for safety footwear.

**Energy-Saving and Lightweight.**  
Helps prevent fatigue.

**Shock Absorption System for Professionals.**  
Relieve strain with every step.

**Reliable stability.**  
With maximum freedom of movement.

**Pressure-free, comfortable fit.**  
Thanks to uvex monoskin shaft design.

**Anatomically designed for**  
optimum comfort and fit.

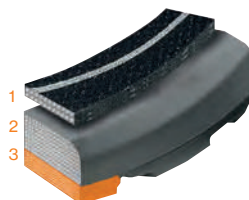
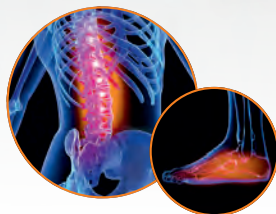
**Comfortable underfoot with climate control.**  
Highly breathable thanks to uvex climazone.

### 100% better than the standard

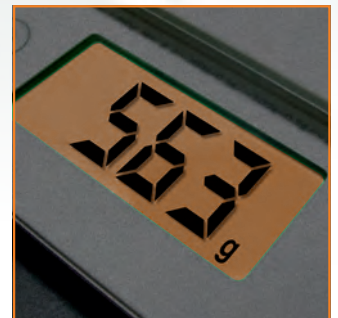
With up to 40 joules of energy absorption in the heel area, the uvex 2 reduces strain on the body.

In spite of the penetration-resistant midsole (S3, S1 P) the energy absorption in the heel is approximately twice that required by EN ISO 20345.

The uvex 2 multilayer shock absorption system and antistatic comfort insole with additional shock absorption elements at the heel and forefoot, help protect the musculoskeletal system on hard or rough terrain.



- 1 Comfort insole
- 2 PU midsole
- 3 PU or rubber outsole



### Ultra lightweight

The uvex 2 range is one of the lightest S3, S2 and S1 P safety footwear ranges for robust applications in its field.<sup>1</sup>





Website



Video



Please visit our website for our complete range of uvex footwear  
<https://www.uvex-safety.com.sg/en/products/safety-shoes/>



## Highly flexible

Enjoy unlimited freedom of movement, especially when kneeling, thanks to the flexible penetration resistant, metal-free midsole. The uvex no tie quick-lace system allows laces to be adjusted easily and adapt throughout the day keeping feet comfortable<sup>2</sup>.

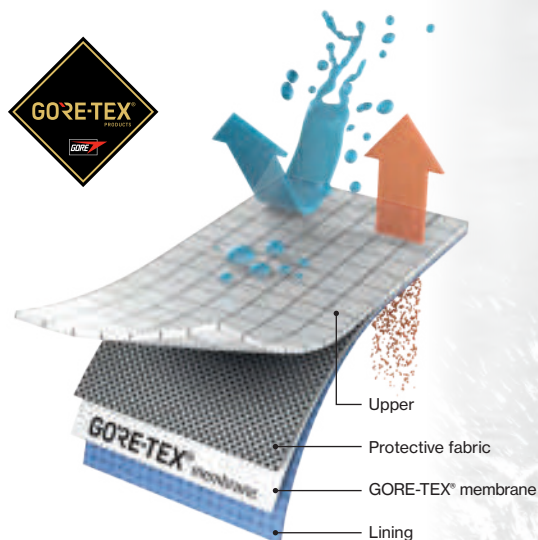
## Excellent stability

The directly moulded PU scuffcap reliably protects the upper and prevents wear and tear when kneeling. The externally visible heel basket system integrated into the sole ensures sure-footedness and additional ankle protection without impairing comfort.



## uvex 2

GTX VIBRAM® 100% waterproof. 100% comfortable.



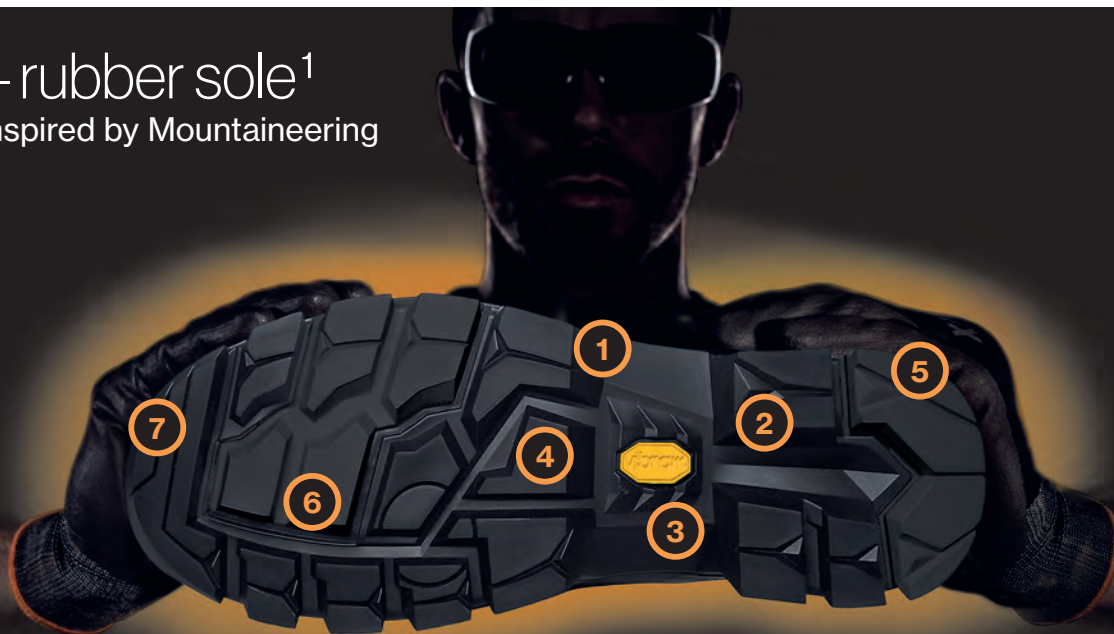
### GORE-TEX® Extended Comfort Footwear<sup>2</sup>

- permanently waterproof and highly breathable
- maximum heat dissipation
- dry and comfortable at high temperatures and during tasks requiring high levels of physical exertion



## uvex 2 – rubber sole<sup>1</sup>

VIBRAM® – Inspired by Mountaineering



The rubber compound developed exclusively for uvex is optimised for moderately difficult applications with demanding ground conditions and integrates additional features in addition to the basic characteristics of the uvex 2 PU/PU sole:

- ① as light as a PU sole
- ② heat-resistant outsole for short periods up to +300 °C (HRO label)
- ③ increased cut resistance
- ④ heat-insulating (HI label, tested at +150 °C)
- ⑤ increased low-temperature flexibility and slip resistance
- ⑥ improved chemical resistance compared to PU soles
- ⑦ orthopaedic adjustments in accordance with German DGUV regulation 112-191 and Austrian ÖNORM Z1259 possible

## uvex 2 PU/PU Sole

Optimum Grip with every Step



Walk and stand safely. Outdoor sole with excellent grip properties and optimum shock absorption

- |   |   |
|---|---|
| <p><b>1</b> Effective ankle protection to ensure safety when working on ladders.</p>  | <p><b>5</b> Abrasion-resistant TPU sections for secure foot placement to help prevent accidents.</p>                                |
| <p><b>2</b> Resistant to oil and petrol. Resistant to temperatures for short periods up to +120 °C.</p>                     | <p><b>6</b> Rugged, self-cleaning sole ensures maximum grip for demanding applications, uneven or dirty floors (SRC labelling).</p> |
| <p><b>3</b> Orthopaedic adjustments in accordance with German DGUV regulation 112-191 and Austrian ÖNORM Z1259 possible</p> | <p><b>7</b> Meets ESD requirements: bleed resistance &lt; 35 megaohm.</p>   |
| <p><b>4</b> Free from harmful substances that interfere with wetting agents.</p>  | <p><b>8</b> Slip resistance (SRC)</p>   |





uvex

## uvex 2 trend – safety and comfort redefined

Add a splash of colour to your day.

Whether in the assembly hall or on the production line, indoors or outdoors:

uvex 2 trend safety footwear range is suitable for medium applications (S1-S3) and incorporates numerous proven technologies at an affordable price. The uvex anti-twist heel cap for increased stability to prevent ankle twisting and the high-quality outsole materials combined with a sporty look and bold colours make this footwear appealing to wear. The result: maximum comfort and reliable safety.





# Affordable Quality and Comfort

## Sporty design

Contemporary colours and a long, flexible lacing area give the uvex 2 trend range a sporty look and a high degree of wearer acceptance.

## Greater visibility

Reflective elements provide greater visibility – and therefore safety – even in poor light conditions.

## Pleasant foot climate

The breathable, chrome-free microvelour material ensures a pleasant foot climate at all times, even during prolonged periods of use.

*climazone*



Orthopaedic solutions in accordance with German DGUV 112-191\* and Austrian ONORM Z1259



You can find more information at [www.uvex-safety.com/uvex2trend](http://www.uvex-safety.com/uvex2trend)



## First-class wearer comfort

The midsole follows the lines of the arch, making the safety shoes especially comfortable to wear.



## Safe slip resistance

The ergonomic design of the outsole supports the natural rolling motion of the foot. The new outsole profiles offer the best grip on almost any surface.



## Sturdy scuffcap \*\*

The directly moulded PU scuffcap on the S3 version reliably protects the upper against wear, especially during tasks that require kneeling.



## Reliable protection against twisting

The innovative uvex anti-twist heel cap gives the foot extra support to avoid painful twisting.



\* formerly BGR 191 \*\* on selected models

uvex 2 xenova® – robust variety

# Trend-setting all-rounder



## Indoor and outdoor use

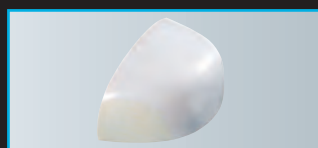
uvex 2 xenova® safety shoe series – exceptional, robust and comfortable shoes, whatever you're doing. Whether indoors or outdoors, the uvex 2 xenova® are the right choice for applications such as mechanical and plant engineering, metal processing, energy (generation, supply &

grid operation), municipal operations, motorway maintenance, railways, transport & logistics, airports, trades, ancillary construction work, horticulture and landscaping. uvex 2 xenova® – the trend-setting allrounders for a wide range of applications.

## Metal-free safety

The uvex xenova® system offers high levels of safety thanks to its metal-free toe cap and optional metal-free, penetration-resistant

flexible midsole that keeps out the cold, and is lightweight and flexible for lasting wearer comfort.



Please visit our website for our complete range of uvex footwear  
<https://www.uvex-safety.com.sg/en/products/safety-shoes/>



You can find more information at  
[www.uvex-safety.com/uvex2xenova](http://www.uvex-safety.com/uvex2xenova)



uvex climazone standard  
The ultra-breathable high-tech microvelour upper material, distance mesh lining and comfortable insole with moisture transport system prevent the build-up of heat and reduce uncomfortable sweating.

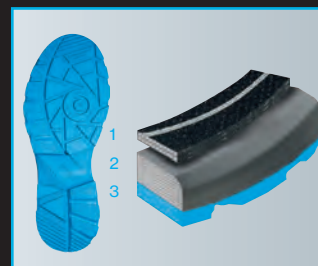
## Comfortable, lightweight shoes

The uvex 2 xenova® safety shoes do not compromise when it comes to comfort: shock-absorbing, extremely breathable, lightweight and a perfect fit thanks to

the unique combination of uvex technologies.



Excellent fit due to newly developed last and uvex multiple fit system – available in 3 widths.



Lightweight and robust uvex dual density polyurethane sole with excellent slip resistance (SRC) and multi-layer shock absorption.

## Impressively diverse

Made from high-quality black micro velour or smooth leather, the uvex 2 xenova® series offers an impressively wide variety of styles in accent colours blue, green and red in protection classes S1, S1 P, S2 and S3.





# uvex quatro GTX

Extremely robust.

Even in wet conditions.

Feet remain dry even under extreme conditions:

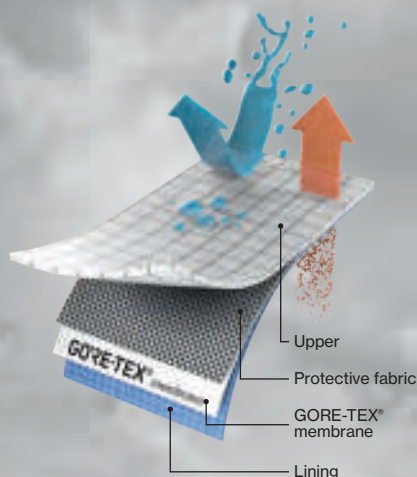
The uvex quatro GTX reliably prevents the penetration of water thanks to its GORE-TEX® membrane, at the same time ensuring a superior foot climate due to the high level of breathability – the perfect combination between protection and wearer comfort.



## GORE-TEX® Extended Comfort Footwear<sup>1</sup>

- permanently waterproof and highly breathable
- maximum heat dissipation

Dry and comfortable at high temperatures.



## uvex quatro GTX sole

- dual component PU / rubber sole for outdoor use
- outstanding comfort underfoot thanks to ultra soft, shock-absorbing midsole and non-slip rubber outsole
- extremely cut-resistant

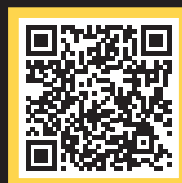
- temperature-resistance of outsole for brief exposure up to +300°C
- suitable for general use on almost all surfaces and in a very broad temperature range of -20°C for brief exposure up to +300°C
- resistant to most chemicals

- excellent slip resistance even on damp and oily surfaces
- antistatic
- HI, CI, HRO, SRC

Please visit our website for our complete range of uvex footwear  
<https://www.uvex-safety.com.sg/en/products/safety-shoes/>







You can find more information  
at [uvex-academy.com](http://uvex-academy.com)

**This practical seminar will help you to analyse the dangers that employees face, determine what equipment is required to keep them safe and select the most appropriate protective footwear**

- Basic information on the areas of application of PPE footwear
- Information on standards, the differences between primary and secondary requirements and their applications
- Description of the labels found on protective footwear and the meaning of the various codes
- Identification and assessment of dangers, developing a risk analysis strategy and understanding which safety equipment is necessary
- Information on materials, production processes and areas of application including:
  - Upper materials and lining
  - Soles
  - Protective toecaps
  - Penetration-resistant inlay
- Choosing the correct protective footwear for each application

#### Target group

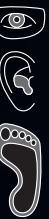
Those responsible for the work-related health and safety of employees, e.g. health and safety officers, specialist purchasers and representatives of employee groups.



For more information or to book a place, please visit [uvex-academy.de](http://uvex-academy.de), call +49 (0)911 9736 1710 or email [academy@uvex.de](mailto:academy@uvex.de)



Individual PPE



# SBU Occupational Health

Individual personal protective equipment (PPE)

## Individual personal protective equipment (PPE) from uvex. More than just a standard solution.

The health of employees is of great importance for any company. uvex offers premium tailor-made solutions for protecting eyes, ears and feet, offering maximum safety for the whole team.

Decades of experience and innovative technologies form the basis for products that are manufactured in our facilities in Germany in accordance with the most stringent safety standards. Our individual personal protective equipment ensures that maximum levels of safety and comfort are provided.

At uvex, innovation is not just a word: it is an intrinsic part of the corporate strategy. Many external awards confirm our continued commitment to this strategy for the future.

The investment in award winning designs, state-of-the-art materials and technologies allows uvex to deliver scientifically based product solutions which not only protect and are comfortable but have features which increase fit and therefore, wearer acceptance.

uvex – an exceptional partner.



### Certificates

- ISO 9001
- Ohris
- REACH

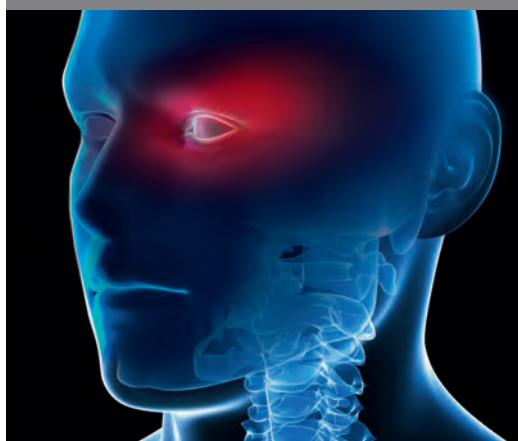
### Awards

## Individual PPE from uvex – employee health is worth it.

- Individual eye, ear and foot protection
- Innovative technologies and solutions
- First-class, certified product quality
- Development and manufacturing in Germany
- Adjustments carried out by qualified specialists



## Optics

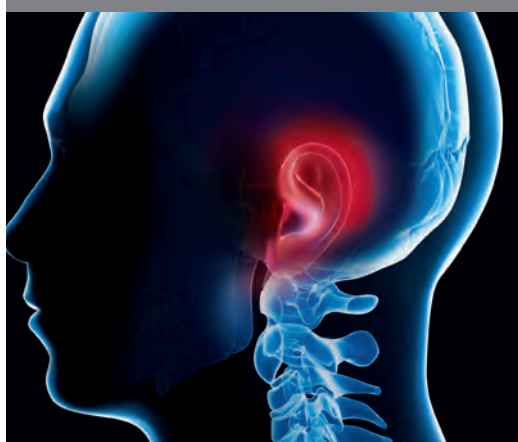


### Individual eye protection from uvex

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

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

## Otoplastics



### Individual hearing protection from uvex

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

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

## Orthopaedics



### Individual foot protection from uvex

Whether walking or standing still, safety footwear has to fit comfortably. uvex's orthopaedic foot protection is adapted to individual wearers' foot related medical conditions.

- Orthopaedic safety footwear certified in accordance with EN ISO 20345:2011
- For example, comfortable customised inserts and orthopaedic shoe adjustments
- A wide selection of suitable safety footwear
- Special footwear for extra wide feet and medical conditions (e.g. diabetes)
- Individual adjustments carried out by qualified orthopaedic specialists



# SBU Occupational Health

uvex – a competent partner

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## uvex prides itself on its expertise and service delivery to the same high level as its products.

uvex offers an all-round professional service undertaking skilled risk assessments, through to the manufacture of individual safety products. The organisation is able to adapt its offer to meet the specific requirements of all companies.

### Technological expertise



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### Innovation „Made in Germany“

Whether it's eye, ear or foot protection, the individual PPE range from uvex provides exceptional quality and the latest technology. uvex innovations continue to set new standards in industrial health and safety.

- uvex's prescription safety eyewear is recognised for its exceptional wearer comfort, stylistic designs and sophisticated functionality.
- uvex hearing protection is individually moulded to the shape of the ear canal ensuring optimum protection and comfort.
- uvex's customised safety footwear provides a solution for those with medical problems such as fallen arches, splay foot and flat feet.

### Advisory expertise



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### Well-rounded professional expertise

Individual PPE products demand competent advisory expertise to guarantee the right solution and fit. For this reason, adjustments are carried out by qualified professionals such as opticians, acousticians and orthopaedic shoe-makers.

Upon request, uvex can provide seminars for professional individuals (e.g. company doctors or occupational nurses) within companies to provide them with a level of knowledge about the adjustment of PPE products.

- Individual PPE products for all employees
- Certified products create legal certainty
- Adjustments carried out by qualified specialists
- uvex academy: seminars/safety days

Our extensive network of highly qualified experts in optics, acoustics and orthopaedics ensures the availability of first-rate quality of care in your area.

## Service expertise

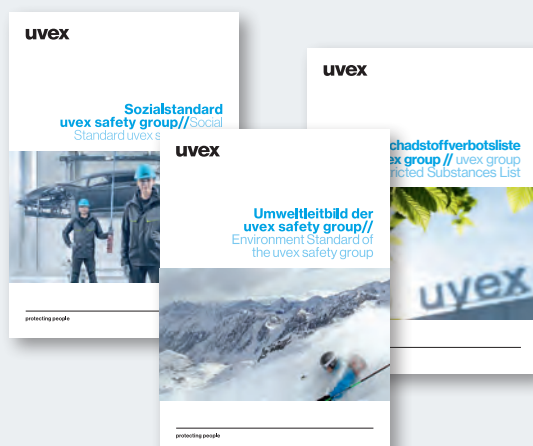


## Tailored to meet requirements

Our products are not the only part of our service that we can tailor make. To ensure the maximum efficiency of your organisation, we can arrange for our professionals to visit your organisation – early mornings, evenings or at night if required.

- On site product customisation on request
- Service network of specialists throughout Germany
- Highly qualified in-house specialists
- Professional flexible solutions that are specifically tailored to the individual needs of your company

## Social responsibility



## Sustainability guaranteed

uvex takes its social responsibility commitments seriously putting its environmental protection and social commitment at the forefront of its daily business.

- Sustainable manufacturing concept
- Avoidance of chemicals beyond the requirements of the EU REACH regulation (uvex's own banned hazardous substances list which goes beyond that of REACH)
- uvex social standard for all manufacturing plants
- Social commitment (e.g. Rainer Winter Foundation, Vision for the World)

**vision**  
for the world





## uvex RX App

## The virtual companion for prescription safety spectacles

Optimal selection of products –  
conveniently on the iPad.

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

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

### Range of information

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

## Realistic perspective

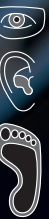
The uvex RX app provides a realistic experience of vision through varifocal lenses.



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

**View everything**

The uvex RX app makes product selection easier.



Prescription Safety Eyewear



## uvex RX ti

Titanium frames

Titanium is a high-quality material used exclusively in the aerospace industry and medical technology. Titanium has been used in prescription frames since 1983.

Titanium is corrosion-resistant and does not provoke allergic reactions. With a specific density of  $4.5 \text{ g/cm}^3$ , titanium is approximately half the weight of stainless steel.

- ▶ Extremely stable
- ▶ Low weight
- ▶ Allergy neutral
- ▶ Suitable for cold forming
- ▶ Provides excellent wearer comfort





# Prescription safety spectacles

uvex RX cb



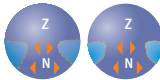


Thanks to the special shape and overall width of the uvex RX cb frames, they are ideal for individuals with a flat nose bridge, high cheekbones and/or wide temples. The soft-form comfort ear pieces adjust to the wearer to ensure a non-slip fit.

uvex RX cb frames fulfil the requirements regarding field of vision (7.1.1) and side protection (7.2.8) in accordance with EN 166:2002 based on Asian headform 2M, as defined in DIS ISO 18526-4:2018.



# Prescription safety spectacles

Lens options for plastic and metal frames in uvex basic collection models · uvex RX ti · uvex RX cb

Focus type		Lens type	Parameter for centering of the lenses
Description			Specific height Box measure
<b>Single vision</b>			
<ul style="list-style-type: none"> <li>– Correction of visual defect in far, in-between or near distance</li> </ul>		<b>Single vision, Single vision HD</b>	Single vision HD ≥ centre of lens Main line of sight
<b>Certified prescription range</b>			
<b>Comfort lenses</b>			
<b>Nahcomfort</b> – Version with expanded near vision – Ideal for workplace environments of 30 cm to approx. 2 m		<b>Nahcomfort Standard, Nahcomfort Optima</b>	min. 17 mm Main line of sight
<b>Distanzcomfort</b> – Calculation of the individual correction for defined distances (1 m, 2 m or 4 m)		<b>Distanzcomfort Optima</b>	min. 17 mm Zero line of sight
<b>Single vision Relax</b> – To accommodate the prescription for the lower part of the lens, the prescription is increased by +0.5 of a diopter		<b>Single vision Relax</b>	min. 17 mm Zero line of sight
<b>Certified prescription range</b>			
<b>Bifocals</b>			
<ul style="list-style-type: none"> <li>– Correction of visual defect in far and reading distance</li> <li>– Visible segment for near distance</li> <li>– Steplike change from far distance to near distance at the edge of segment</li> <li>– Instantly well-tolerated, visible edge of segment supports orientation</li> </ul>		Width of segment: 28 mm, curved	
<b>Certified prescription range</b>			
<b>Varifocals</b>			
<ul style="list-style-type: none"> <li>– Correction of visual defect in far, in-between and near distance</li> <li>– Gliding change from far distance to near distance (progressive canal)</li> <li>– The non-visible gliding zone corrects in-between distances</li> </ul>		<b>Varifocal Standard</b> – Standard area for far distance and near distance – Long, narrow canal of progression	min. 23 mm Zero line of sight
		<b>Varifocal Pro Work</b> – Large area for far distance – Wide canal of progression – Optimized area for reading distance	min. 20 mm Zero line of sight
		<b>Varifocal Piccolo</b> – Suitable for flat frames – Large area for far distance and near distance – Shortened canal of progression	min. 17 mm Zero line of sight
		<b>Varifocal Top One</b> – Very comfortable, large long-distance and close-up field of vision – Wide canal of progression for added convenience – Minimal blur in peripheral vision	min. 19 mm Zero line of sight
		<b>Varifocal Optima, Varifocal Optima HD</b> – Individual adjusted multifocal lens of latest generation – Wide field of view for any distance – Improved design – Almost no blurred zones in periphery area	Optima min. 17 mm Optima HD min. 16 mm (depending on the corridor length) Zero line of sight
<b>Certified prescription range</b>			

- The overview shows the maximum prescription range which is approved and certified.  
Depending on the size of the frame and the lens material, further restrictions may apply.
- Please take into account the specifications relating to the line of sight when determining the vision point.

	Material						Extras, optional					
	CR 39	HI 1.6	Plastic HI 1.67	PC	Trivex	Silicate Hard glass	Normal AR	Multi AR	Super AR	UV blue protect	Tint	Variomatic brown
	➤➤	➤➤	➤➤	➤➤	➤➤	HD not available	➤➤	➤➤	➤➤	➤➤	➤➤	➤➤
		incl. hard coating  recommended from +/- 4.0 dpt.	incl. hard coating only available with SAR recommended from +/- 6.0 dpt.	incl. hard coating	incl. hard coating only available with SAR		only single vision	only single vision,  not for hard glass	➤➤	only HI 1.67 or PC		only Polycarbonate or Trivex
	+10.0 to -10.0 dpt. at maximum value cyl. ± 8.0 dpt.	+12.0 to -13.0 dpt. at maximum value cyl. ± 8.0 dpt.	+13.0 to -14.5 dpt. at maximum value cyl. ± 8.0 dpt.	+9.5 to -12.0 dpt. at maximum value cyl. ± 8.0 dpt.	+8.0 to -11.0 dpt. at maximum value cyl. ± 7.0 dpt.	+7.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt.						+7.5 to -8.5 dpt. at maximum value cyl. ± 6.0 dpt.
	Standard/ Optima	only Optima	only Optima	Standard/ Optima	only Optima	—	➤➤	not for hard glass	➤➤	only HI 1.67 or PC	—	—
	➤➤	➤➤	➤➤	➤➤	➤➤	—	➤➤	not for hard glass	➤➤	only HI 1.67 or PC	—	—
	➤➤	➤➤	➤➤	➤➤	➤➤	—	➤➤	not for hard glass	➤➤	only HI 1.67 or PC	—	—
	+9.0 to -7.5 dpt. at maximum value cyl. ± 6.0 dpt.	+8.0 to -8.0 dpt. at maximum value cyl. ± 6.0 dpt.	+9.0 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt.	+9.0 to -4.5 dpt. at maximum value cyl. ± 6.0 dpt.	+7.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt.	+6.0 to -4.5 dpt. at maximum value cyl. ± 4.0 dpt.						
	➤➤	➤➤	—	➤➤	—	➤➤	➤➤	not for hard glass	➤➤	—	➤➤	—
	+7.0 to -8.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+8.5 to -10.5 dpt. at maximum value cyl. ± 8.0 dpt. Add. +3.0		+10.0 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0		+6.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt. Add. +3.0						
	➤➤	➤➤	➤➤	➤➤	—	➤➤	➤➤	not for hard glass	➤➤	—	➤➤	only Polycarbonate
	➤➤	➤➤	➤➤	➤➤	➤➤	➤➤	➤➤	not for hard glass	➤➤	only HI 1.67 or PC	➤➤	only Polycarbonate or Trivex
	➤➤	➤➤	➤➤	➤➤	—	➤➤	➤➤	—	➤➤	—	➤➤	only Polycarbonate
	➤➤	➤➤	➤➤	➤➤	—	➤➤	➤➤	not for hard glass	➤➤	only HI 1.67 or PC	➤➤	only Polycarbonate
	➤➤	➤➤	➤➤	➤➤	➤➤	—	only Optima	only Optima not for hard glass	➤➤	only HI 1.67 or PC	➤➤	only Polycarbonate or Trivex
	+6.0 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+9.5 to -12.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+10.0 to -12.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+9.5 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+6.0 to -13.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+6.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt. Add. +3.0						+7.5 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0





# Prescription safety spectacles

## Lens options for uvex RX cd














uvex RX cd 5505



uvex RX cd 5505 flip-up



uvex RX cd 5514

					Lens type	Parameter for centering of the lenses	
Description						Specific height	
						Box measure	
Single vision							
					Single vision, Single vision HD	Single vision HD min. centre of lens Main line of sight	
Prescription range							
Comfort lenses							
					Nahcomfort Standard, Nahcomfort Optima	min. 17 mm Main line of sight	
Nahcomfort Standard	Nahcomfort Optima	Distanzcomfort Optima	Single vision Relax		Distanzcomfort Optima	min. 17 mm Zero line of sight	
					Single vision Relax	min. 17 mm Zero line of sight	
Prescription range							
Bifocals							
					Width of segment: 28 mm, curved		
Prescription range							
Varifocals							
					Varifocal Standard	min. 23 mm Zero line of sight	
Varifocal Standard	Varifocal Pro Work	Varifocal Piccolo	Varifocal Top One	Varifocal Optima	Varifocal Pro Work	min. 20 mm Zero line of sight	
					Varifocal Optima HD	min. 17 mm Zero line of sight	
					Varifocal Piccolo	min. 17 mm Zero line of sight	
					Varifocal Top One	min. 19 mm Zero line of sight	
					Varifocal Optima	min. 17 mm Zero line of sight	
					Varifocal Optima HD	min. 16 mm (depending on the corridor length) Zero line of sight	
Prescription range							

- In order to ensure optimum vision, uvex compensate the values in accordance to the frame wrap angle (FWA).  
The overview below provides information on the lens options for uvex RX cd frames.  
Please also ensure the frame fits correctly.

- Please take into account the specifications relating to the line of sight when determining the vision point.



uvex RX cd 5515



uvex RX cd 5518



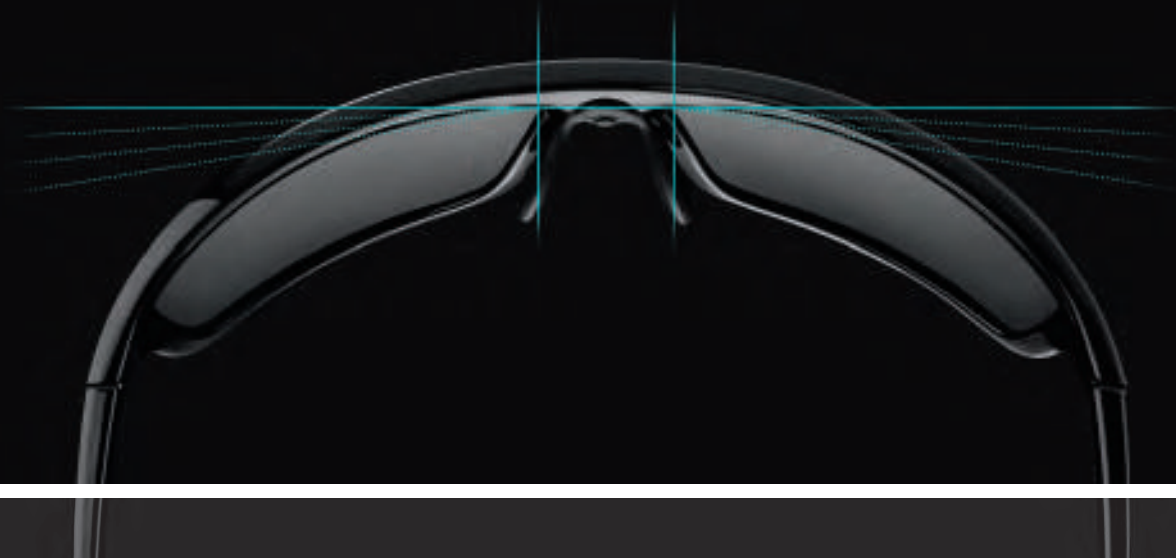
uvex RX cd 5520

	Material					Extras, optional					
	CR 39	HI 1.6	HI 1.67	PC	Trivex	Normal AR	Multi AR	Super AR	UV blue protect	Tinting	Variomatic brown
	➤	➤	➤	➤	➤	➤	➤	➤	➤	➤	➤
		incl. hard coating	incl. hard coating only available with SAR	incl. hard coating	incl. hard coating only available with SAR	only single vision	only single vision		only HI 1.67 or PC		only Polycarbonate or Trivex
	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.						+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.
	Standard/Optima	only Optima	only Optima	Standard/Optima	only Optima	➤	➤	➤	only Optima, HI 1.67 or PC	—	—
	➤	➤	➤	➤	➤	➤	➤	➤	only HI 1.67 or PC	—	—
	➤	➤	➤	➤	➤	➤	➤	➤	only HI 1.67 or PC	—	—
	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.						
	➤	➤	—	➤	—	➤	➤	➤	—	➤	—
	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.		+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.							
	➤	➤	➤	➤	—	➤	➤	➤	—	➤	only Polycarbonate
	➤	➤	➤	➤	➤	➤	➤	➤	only, HI 1.67 or PC	➤	only Polycarbonate or Trivex
	➤	➤	➤	➤	—	➤	—	➤	—	➤	only Polycarbonate
	➤	➤	➤	➤	—	➤	➤	➤	only, HI 1.67 or PC	➤	only Polycarbonate
	➤	➤	➤	➤	➤	➤	➤	➤	only, HI 1.67 or PC	➤	only Polycarbonate or Trivex
	➤	➤	➤	➤	➤	only Optima	only Optima	➤	only, HI 1.67 or PC	➤	only Polycarbonate or Trivex
	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.						+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.



## uvex RX sp

Lifestyle at work



### uvex RX sp frames

Make a statement with the uvex RX sp collection which stands out due to its sporty design and appealing frame colour combinations . All protection functions are fully integrated into the frame design requiring no separate side guards which is commonly the case with conventional protective spectacles.

The wraparound design offers the perfect fit and maximum protection thanks to its wide side arms and curvature of the lens. As with all uvex models, only the highest quality plastics are used in its protection.

### uvex anatomic sport lens

The stronger curve of the uvex RX sp frame positions the lenses at an angle straight in front of the eye. We only use the specially developed uvex anatomic sport glazing to deliver maximum optical clarity.

This means:

- that we only use lenses with a base curve identical to that of the frame.
- that prescription values need to be recalculated based on the tilted position of the lenses. This will be considered for the glazing process.

### uvex HD lenses

#### uvex HD lenses – maximum individuality

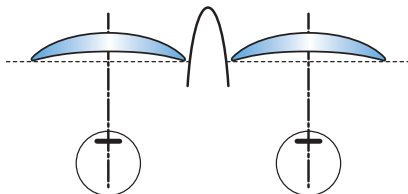
A number of individual parameters are taken into account in the manufacture of uvex HD lenses:

- individual prescription values
- centering parameters (pupillary distance, fitting height)
- base curve of the lenses and the frame
- face form-wrap and pantoscopic tilt
- corneal vertex distance

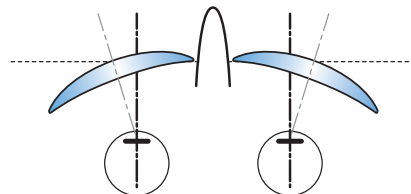
Special programs have been developed to map thousands of individual points on the inside of the lenses. The results are directly incorporated into the customised uvex optima HD lenses.

#### No greater customisation is possible.

uvex HD lenses are available in the single vision HD and varifocal Optima HD designs. uvex service opticians or your uvex optical consultant will determine the individual measurements for you.



**Conventional prescription glasses:**  
The planes of the right and left lenses are virtually congruent.



**Spectacles with more strongly curved lenses:**  
The planes of the right and left lenses are tilted toward one another.



# uvex RX goggle

The first wide-vision goggles directly fitted with prescription lenses

## Direct prescription lenses ensure perfect vision at all times.

uvex RX goggle: the first wide-vision goggles that can be directly fitted with prescription lenses. In contrast to standard prescription solutions with overspecs or prescription inserts, these goggles offer the best possible optical quality without optical aberrations and additional loss of light. The uvex RX goggle can therefore, be worn for extended periods with complete comfort.

Spectrophotometer measurements have shown that the transmission factor of the uvex RX goggle is up to 18% higher than safety goggles with prescription inserts or overspecs. The higher transmission level minimises the strain on eye muscles. This is further boosted by an additional anti-reflective coating on the prescription lenses.



## Direct prescription lenses

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



## Flexible headband clip

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



## Sophisticated ventilation

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



## Hygiene

The flexible TPU frame is easy to clean. These goggles can be kept clean and hygienic, even under heavy strains and in extreme conditions.



Safety eyewear case with pocket for regular spectacles included

## PC+

uvex uses highly impact resistant polycarbonate and has also increased the thickness in the middle of the lens. To ensure the eyewear remains securely in place upon impact, the frame is equipped with a special shock absorbing nut and the lenses have been shaped to deflect objects.

As a result, these prescription safety spectacles are the first to ever achieve mechanical strength class B. The frame and lenses both bear the relevant labelling.

For testing mechanical strength "B" a metal ball is fired frontal and lateral against the spectacle with impact speed of 432 km/h. (Comparison EN 166: impact with medium energy, 120 m/sec)

## Recommended applications

### for uvex RX goggles with PC+:

Workplaces with high risk of mechanical hazards, such as reshaping metal-cuttings, turning, grinding and milling.

► Mechanical strength "B", 120 m/s

### for uvex RX goggles with Trivex:

Workplaces with high risk of chemical hazards, such as laboratories and those handling small quantities of chemicals.

► Mechanical strength "F", 45 m/s



# Prescription safety spectacles

Lens options for uvex RX sp models · Special lenses for uvex RX goggle

uvex RX sp 5519, uvex RX sp 5510		Important note	Lens type	Parameter for centering of the lenses	
Description				Specific height Box measure	
	<b>Single vision</b>				
		for uvex RX sp 5510: Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Single vision Single vision HD	Main line of sight	
	<b>Comfort lenses</b>				
	   Nahcomfort Optima   Distanzcomfort Optima   Single vision Relax	for uvex RX sp 5510: Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Nahcomfort Optima Distanzcomfort Optima Single vision Relax	min. 17 mm Main line of sight min. 17 mm Zero line of sight min. 17 mm Zero line of sight	
	<b>Varifocals</b>				
	  Varifocal Pro Work   Varifocal Optima Varifocal Optima HD	for uvex RX sp 5510: Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Varifocal Pro Work Varifocal Optima Varifocal Optima HD	min. 20 mm Zero line of sight min. 17 mm Zero line of sight min. 16 mm Zero line of sight	
	<b>Prescription range</b>				
uvex RX sp 5512, uvex RX sp 5513					
	<b>Single vision</b>				
		Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Single vision Single vision HD	Main line of sight	
	<b>Comfort lenses</b>				
	   Nahcomfort Optima   Distanzcomfort Optima   Single vision Relax	Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Nahcomfort Optima Distanzcomfort Optima Single vision Relax	min. 17 mm Main line of sight min. 17 mm Zero line of sight min. 17 mm Zero line of sight	
	<b>Varifocals</b>				
	  Varifocal Pro Work   Varifocal Optima Varifocal Optima HD	Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Varifocal Pro Work Varifocal Optima Varifocal Optima HD	min. 20 mm Zero line of sight min. 17 mm Zero line of sight min. 16 mm Zero line of sight	
	<b>Prescription range</b>				
uvex RX goggle					
Description		Important note	Lens type	Parameter for centering of the lenses	
				Specific height Box measure	
	<b>Single vision</b>				
		When using PC or PC+ Minimum PD ≥ 32.0 mm When using Trivex Minimum PD ≥ 34.0 mm	Single vision Single vision HD	Main line of sight	
	<b>Varifocals</b>				
	  Varifocal Pro Work   Varifocal Optima Varifocal Optima HD	When using PC or PC+ Minimum PD ≥ 32.0 mm When using Trivex Minimum PD ≥ 34.0 mm	Varifocal Pro Work Varifocal Optima Varifocal Optima HD	min. 20 mm Zero line of sight min. 17 mm Zero line of sight min. 16 mm Zero line of sight	
	<b>Prescription range</b>				

- In order to ensure optimum vision, uvex only uses the special uvex anatomic sport glazing.  
The overview below provides information on the lens options for uvex RX sp frames and uvex RX goggle.  
Please also ensure the frame fits correctly.
- Please take into account the specifications relating to the line of sight when determining the vision point.

Material						Extras, optional					
CR 39	HI 1.6	Plastic HI 1.67	PC	Trivex		Normal AR	Multi AR	Super AR	UV blue protect	Tint	Variomatic brown
➤	➤	➤	➤	➤		➤	➤	➤	➤	➤	➤
	incl. hard coating	incl. hard coating only available with SAR	incl. hard coating	incl. hard coating					only HI 1.67 or PC		only Polycarbonate or Trivex
➤	➤	➤	➤	—	➤	➤	➤	➤	only HI 1.67 or PC	—	—
➤	➤	➤	➤	—	➤	➤	➤	➤	only HI 1.67 or PC	—	—
➤	➤	➤	➤	—	➤	➤	➤	➤	only HI 1.67 or PC	—	—
➤	➤	➤	➤	➤	➤	➤	➤	➤	only HI 1.67 or PC	➤	only Polycarbonate or Trivex
➤	➤	➤	➤	➤	➤	➤	➤	➤	only HI 1.67 or PC	➤	only Polycarbonate or Trivex
➤	➤	➤	➤	➤	➤	➤	➤	➤	only HI 1.67 or PC	➤	only Polycarbonate or Trivex
+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.	+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.	+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.	+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.	+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.	+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.						+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.
➤	➤	➤	➤	➤	➤	➤	➤	➤	➤	➤	➤
	incl. hard coating	incl. hard coating only available with SAR	incl. hard coating	incl. hard coating					only HI 1.67 or PC		only Polycarbonate or Trivex
➤	➤	➤	➤	—	➤	➤	➤	➤	only HI 1.67 or PC	—	—
➤	➤	➤	➤	—	➤	➤	➤	➤	only HI 1.67 or PC	—	—
➤	➤	➤	➤	—	➤	➤	➤	➤	only HI 1.67 or PC	—	—
➤	➤	➤	➤	➤	➤	➤	➤	➤	only HI 1.67 or PC	➤	only Polycarbonate or Trivex
➤	➤	➤	➤	➤	➤	➤	➤	➤	only HI 1.67 or PC	➤	only Polycarbonate or Trivex
➤	➤	➤	➤	➤	➤	➤	➤	➤	only HI 1.67 or PC	➤	only Polycarbonate or Trivex
+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.						+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.
Material						Extras, optional					
CR 39	HI 1.6	Plastic HI 1.67	PC/PC <sup>+</sup>	Trivex		Normal AR	Multi AR	Super AR	UV blue protect	Tint	Variomatic brown
—	—	—	➤	➤		➤	➤	➤	➤	➤	➤
			incl. hard coating	incl. hard coating only available with SAR					only HI 1.67 or PC		only Polycarbonate or Trivex
—	—	—	➤	➤	➤	➤	➤	➤	only HI 1.67 or PC	➤	only Polycarbonate or Trivex
—	—	—	➤	➤	➤	➤	➤	➤	only HI 1.67 or PC	➤	only Polycarbonate or Trivex
—	—	—	➤	➤	➤	➤	➤	➤	only HI 1.67 or PC	➤	only Polycarbonate or Trivex
			+ 3.50 to – 3.50 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.50 to – 3.50 dpt. at maximum value cyl. ±2.0 dpt.							+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.





# Prescription safety spectacles

## Focus types

### Single vision lenses

Single vision lenses correct long and short-sightedness.

### Multi-focal lenses

In addition to correcting distance vision, multi-focal glasses correct long-sightedness and also correct intermediate distances, if applicable.

Multi-focal glasses are required when the eyes are no longer able to adjust easily due to the natural ageing process. Small objects, just in front of the eye, are no longer clearly discerned (so-called ageing long-sightedness, presbyopia).

#### Bifocal

Visibly ground segment for near vision ("reading field")  
Abrupt transition from distance to near vision at the edge of the segment

Instant wearer acceptance: distinct edge helps eyes to adjust  
Intermediate ranges are not corrected

#### Multifocal

- Gradual transition from distance to near vision, known as progressive lenses
- Invisible progression also corrects in-between distances
- Clear vision at all viewing distances
- May require an initial phase of adjustment

### uvex HD lenses

#### uvex HD lenses – maximum individuality

uvex optima prescription lenses in the so-called free-form design are produced specially for you. The inner surface of the raw lenses is calculated and produced taking into account your individual prescription, the glass curve and your eye measurements (distance between the eyes and fitting height).

**Further individual parameters such as corneal vertex distance, face form-wrap and pantoscopic tilt are also taken into account. Special programs have been developed to map thousands of individual points on the inside of the lenses. The results are directly incorporated into the customised uvex optima HD lenses. Greater customisation is not possible.**

uvex optima HD lenses are available in the single vision HD and varifocal Optima HD designs.

Selected optical associates or your uvex optical consultant will determine the individual measurements for you.

### Comfort lenses

Comfort lenses are mainly used at computer workstations. Invisibly integrated correction areas ease the strain on the eyes when looking at near and intermediate distances (so-called accommodation support).

The visual requirements in many other working environments are also limited to areas, which are just in front of the eye up to a few meters away.

Comfort lenses are a good alternative, if the prescription safety spectacles are only used at workstations and distance vision (> 5 m distance) is mainly not necessary.

#### Nahcomfort Standard, Nahcomfort Optima

- Perfect solution for working distances between 30 cm and around 2 m
- The medium range of the lens surface is determined by the degression chosen and is designed for a distance of ca. 60 to 80 cm.
- Three versions available, depending on the required prescription for reading distance (addition) and the age of the wearer
- All that is needed to place an order are details of the close-range values and the required design (type A, B, C)
- When ordering the Nahcomfort Optima option, the inner surface of the raw lenses are calculated and manufactured, taking into account the correction, the glass curve and the distance between the eyes

Type A	Type B	Type C
Degression** 0.75 dpt	Degression** 1.25 dpt	Degression** 1.75 dpt
< 50 years	50 to 55 years	> 55 years

\*\* Degression: correction reduced, based on the close-range value

#### Distanzcomfort Optima

Perfect solution for working distances between 30 cm and around 1 m, 2 m or 4 m

By specifying the viewing distance, which is required at the workstation, the correction areas will be calculated individually

All that is needed to place an order are details of the distance and close-range values (addition), the viewing distance (one, two or four metres) as well as the eye measurements (distance between the eyes and fitting height)

#### Single Vision Relax

- This type of lens is targeted at people over the age of 30.
- An invisibly integrated change to the correction value of +0.5 dpt. in the lower area of the lens eases the strain on the eye when looking at near distances (so-called accommodation support).
- The distance correction remains unchanged
- All that is needed to place an order are details of the distance values and the eye measurements (distance between the eyes and fitting height)
- We recommend Single Vision Relax lenses for professionals, who use mobile devices (notebook, tablet, smartphone etc.) for their daily work.

# Prescription safety spectacles

## Lens materials · Anti-reflective coating · Tinting

### Lens materials

#### Polycarbonate

Additional labelling: PC

- organic material with very high breaking strength
- only limited resistance to chemicals
- mechanical strength, class "F" (45 m/sec)
- PC+ – polycarbonate with increased centre thickness, specially for uvex RX goggle

#### Trivex™

- organic material with high breaking strength
- lightweight, suitable for even higher prescription values
- excellent optical performance, even for higher prescription values
- excellent resistance to cleaning agents, oils and cosmetics
- good scratch resistance
- best all-round lens material
- mechanical strength, class "F" (45 m/sec)

#### CR39

Additional labelling: plastic

- Safety spectacles should always be modified otherwise the tensile strength is too low. The middle of the lens must be thicker in order to meet the requirements for tensile strength.
- lightweight organic material
- very good optical performance even for high prescriptions
- suitable for working with chemicals and paints/varnishes
- good scratch resistance due to hard layer (optional)
- mechanical strength, class "S" (falling ball test)

#### HI (high index), organic lens materials with high refractive index

- organic lenses with a refractive index of 1.6 or 1.67 provide better vision (than CR 39)
- the lenses have the required optical efficacy if they comprise less material and the surface is less curved
- the lens is thinner and more aesthetically pleasing
- recommended for a prescription > +/-4.0 dpt.: HI 1.6 recommended for a prescription > +/-6.0 dpt.: HI 1.67
- mechanical strength, class "S" (falling ball test)

#### Hardened glass

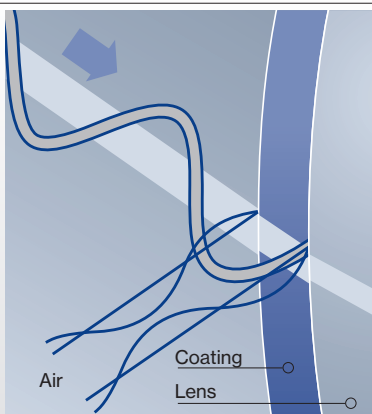
Additional labelling: silicate, mineral glass, glass

- Safety spectacles should always be modified otherwise the tensile strength is too low. The tensile strength is increased through thermal or chemical hardening treatments.
- mechanical strength, class "S" (falling ball test)
- highly scratch-resistant surface
- suitable for working with chemicals and paints/varnishes
- heavyweight, not recommended for prescription values greater than +/-4.0 dpt
- spark penetration when welding or grinding
- implosion with liquid metals

### Anti-reflective coating

Anti-reflective coating is applied to the inside and outside of lenses by vapour deposition. It significantly reduces reflections on the surfaces, as well as offering an aesthetic advantage and reducing light transmission.

- 3 qualities are available:
- Normal anti-reflective coating
  - Multiple anti-reflective coating
  - Super anti-reflective coating



### UV blue protect

Lens material with special absorber, which filters UV-radiation completely and reduces blue light.

- the lenses absorb UV-radiation up to 400 nm at 100%, filter short-wave, blue light until 410 nm almost completely and reduce the range from 410 nm to 420 around 86%
- uvex UV blue protect lenses are contrast enhancing and prevent eye fatigue and also prevent age-related macular degeneration (AMD)
- the mechanical strength of the lenses is ensured, clear lenses with uvex UV blue protect will have the marking 2C-1,2
- uvex UV blue protect is optionally available for lens materials Polycarbonate (PC) and HI 1,67

### Tinting

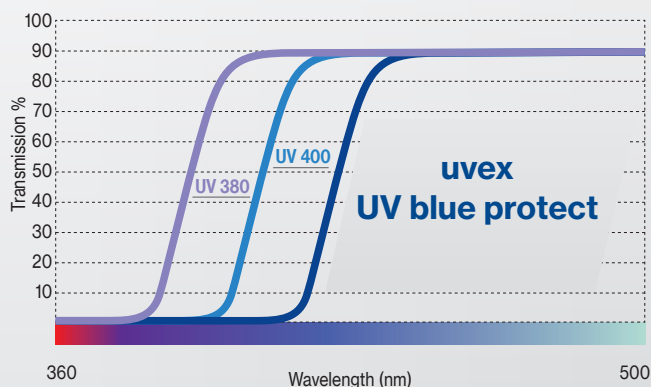
Tinted lenses provide effective protection against glare in areas with high light intensity (for example, sunlight).

#### Constant tinting

- available in brown and grey
- tinting levels: 15%, 25%, 65%, 75%

#### Variable tinting – Variomatic™

- lenses tint automatically, depending on the intensity of the UV radiation and temperature
- tinting of between approx. 8% and 80%, in brown
- Polycarbonate and Trivex™ prescription safety lenses



# VDU spectacles

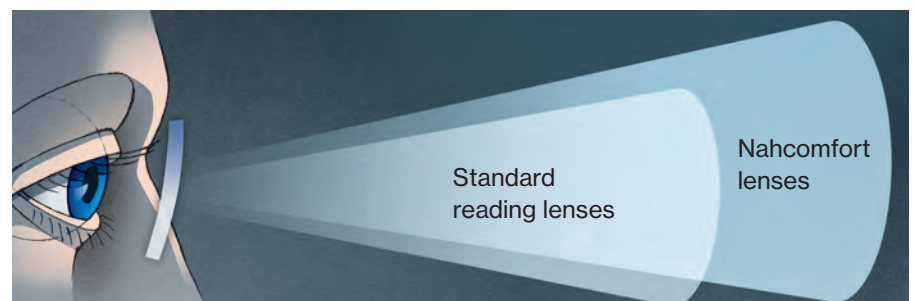
## Spectacle lens technology and body posture at VDU workstations

The positioning of screen, keyboard and reading materials at office workstations can cause vision related problems.

To be able to focus properly at different distances, spectacle wearers adopt an unnatural head position and body posture, which can lead to posture-related discomfort.

As you become older, it becomes increasingly difficult for the lens within the eye to adjust to various distances.

Working in front of a VDU or performing other activities that involve alternating between different distances frequently causes fatigue as a result of the constant strain to the eye.



The diagrams and explanations above outline the differences between the various lens options; the potential effect on the wearer and how the Nahcomfort overcomes many of the issues experienced by those working at a VDU or computer.

### Varifocal lenses

Varifocal lenses are designed to give the wearer focused vision from 40 cm onwards. However, to see the computer screen clearly through the middle and lower areas of the lense, the wearer has to change their normal head posture and hold their head at an unusually high angle. This can result in permanent straining of the shoulder and neck muscles.

### Single-vision lenses

Single-vision lenses, as used in standard reading glasses, enable the wearer to see clearly at a normal reading distance of between 30 cm and 40 cm, which is the ideal distance for keyboards or printed documents. However, if an employee also wishes to see the computer screen and the surrounding area clearly, it is necessary to lower the head and look over the top of the reading glasses. This unnatural head posture puts a severe strain on the shoulder and neck muscles.

### Nahcomfort lenses

Nahcomfort lenses are specially designed to suit computer-based workplaces and provide unrestricted vision at VDU workstations.

The advantages are:

- seamless focused vision from 30 cm to approx. 2 meters
- the head remains in an ideal position allowing keyboards, computer screens and work documents to be seen clearly
- a marked reduction of posture-related complaints, because the head and neck remain in a natural position



# VDU spectacles

## Nahcomfort lenses

Nahcomfort lenses are developed for those working in front of a computer monitor or undertaking work that requires frequently alternating between distances of approx. 30 cm and 2 m. The unique design facilitates unimpaired vision in the essential focal zones.



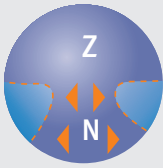
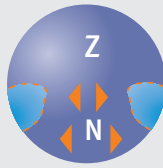
### Lens design

- The wearer's usual reading prescription is found in the lower part of the lens.
- The reading prescription gradually becomes weaker further up the lens; in the upper part of the lens, vision is clear at a maximum of approx. 2 m.
- The transitions between the different zones are smooth, similar to varifocal lenses.

### Advantages of Nahcomfort lenses

- seamlessly sharp vision at distances of approx. 30 cm to 2 m (the distance is a guideline and may vary depending on the prescription)
- a more comfortable field of vision in the individual zones in comparison with varifocal lenses
- a more natural head position is achieved at the work station, this helps to reduce posture-related complaints, such as tension in the neck muscles

### Lensmaterial/style

Nahcomfort Standard	Nahcomfort Optima
	
Choice of CR 39 or Silicate	Optimised design of the vision zones, very comfortable style, available in CR 39, HI 1,6, HI 1,67 oder HI 1,74

### Lens type

When selecting the lens type, the wearer's required reading "addition" (reading prescription) and/or the "degression" (reduction of the reading prescription towards the top of the lens) is taken into account.

Alternatively, the age of the wearer can be used as a point of reference.



Please specify lens type, material and desired model with order.

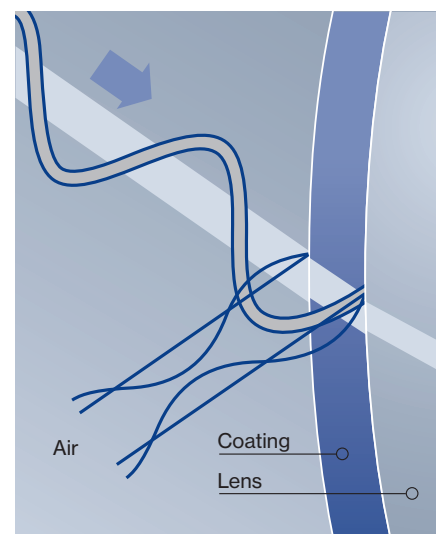
	Type A	Type B	Type C
Degression	0.75 dpt.	1.25 dpt.	1.75 dpt.
Addition	< 1.5 dpt.	1.75 to 2.25 dpt.	> 2.25 dpt.
– alternatively	Age < 50 years	Age 50 – 55 years	Age > 55 years

## Anti-reflection

We recommend anti-reflective lenses for work at a VDU. An anti-reflective metal oxide coating is applied, which ensures a significant reduction in reflections on the inner and outer sides of the lens.

This increases the light transparency of the lens and vision clarity is improved. Vision discomfort as a result of reflections is reduced.

Normal anti-reflective	Super anti-reflective
Good reflection reduction	Maximum reflection reduction
Metal oxide is applied once to each surface	Metal oxide is applied several times to each surface
Residual reflection ≈ 4%	Residual reflection < 2%



## UV blue

The multi-layered surface of uvex UV blue includes a layer that provides enhanced filtration of short-wave visible light in the blue-violet range.

Providing effective protection against the symptoms of fatigue and headaches associated predominantly with long periods of working at a monitor and/or with digital media.

The uvex UV blue layer system also includes a super anti-reflective coating and a scratch-resistant coating.



# Prescription safety spectacles

## Certification and labelling

The frames and lenses of tailor-made prescription safety spectacles in accordance with European standard 166 must feature a permanent mark.

Independent testing institutes carry out certification of the materials at regular intervals.

Frames and lenses must be marked with the manufacturer's identification and the mechanical strength, and the lenses must also be marked with the optical quality class.

The different methods used to test mechanical strength vary according to the lens material. The test methods are defined under European standard EN 168.

If the mechanical strength level marked on the lens differs from that on the frame, the lower mechanical strength applies to the eye protection as a whole.

**NB: due to marking requirements, it is not possible to purchase frames without lenses. Please do not modify any feature of the complete spectacles obtained from uvex as this may reduce their protective function.**

### Basic requirements in accordance with EN 166 (extract)

#### • Mechanical strength

Increased robustness	Impact resistance, low energy	Impact resistance, medium energy
Ball bearing drop test, Dropping a ball bearing (44 g) against the lens/supporting frame from a height of 1.30 m	Firing a ball bearing (0.88 g) against the lens/supporting frame, Impact speed 45 m/s (≥ 162 km/h)	Firing a ball bearing (0.88 g) against the lens/supporting frame, Impact speed 120 m/s (432 km/h)
Identification class: S	Identification class: F	Identification class: B

### Additional requirements in accordance with EN 166 (extract)

#### • Resistance to liquids (droplets and splashes)

Labelling: 3

#### • Resistance to coarse dust (grain size > 5 µm)

Labelling: 4

### Optional requirements in accordance with EN 166 (extract)

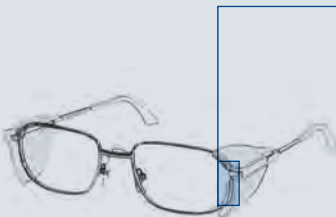
#### • Mechanical strength tested under extreme temperatures (+50°C and -5°C)

Labelling: T

This labelling is always in combination with mechanical strength (for example, FT).

## Marking according to EN 166


Lens marking		
Manufacturer identification	Optical grade	Mechanical strength
W = <b>uvex</b>	1	S = Increased robustness F = Low-energy impact (45 m/sec.) B = Medium-energy impact (120 m/s)



W 1 F CE

Conformity sign  
Mechanical strength  
Optical grade  
Manufacturer identification

Frames marking		
Manufacturer identification	Mechanical strength	Applicable EN standard
W = <b>uvex</b>	S = Increased robustness F = Low-energy impact (45 m/sec.) B = Medium-energy impact (120 m/s)	166



W F 166 CE

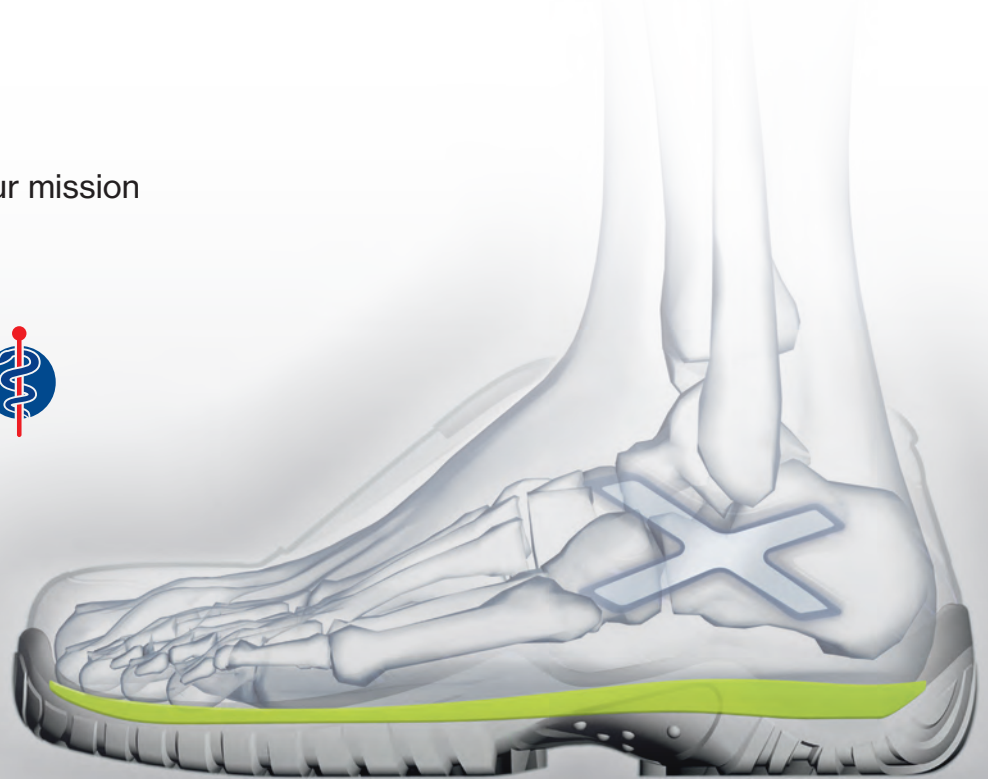
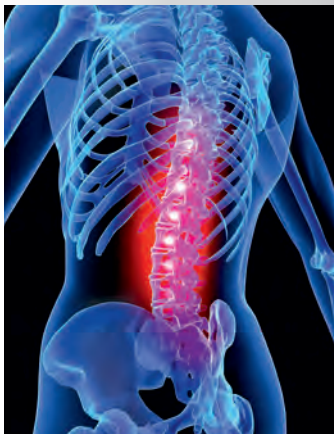
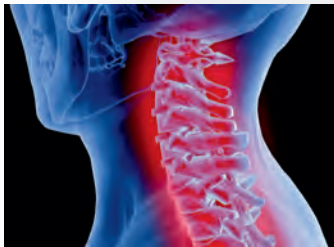
Conformity sign  
EN standard  
Mechanical strength  
Manufacturer identification

► "F" constitutes the highest mechanical strength class which a pair of spectacles can be allocated according to EN 166.



uvex medicare





## Orthopaedic problems – a widespread phenomenon

As a systems provider and expert manufacturer, uvex is consistently pursuing its protecting people mission in the area of orthopaedics and expanding its spectrum of customised inserts and adjustments for uvex safety footwear.

The customised solutions provided by uvex medicare solve foot-related medical problems in the workplace and offer individual, expertly-designed orthopaedic solutions in uvex safety footwear. This is also accompanied by a comprehensive range of services and support.

Scientific studies prove time and again that well over half the adult population suffer from orthopaedic problems such as fallen arches, knock knees, splay foot or flat feet. These conditions have an undisputed effect on the entire musculoskeletal system and physical performance. However, individuals can significantly benefit from professional customised footwear and insert solutions providing protection for every single employee. Individual. Tailor-made. Safe.

## Type examination is a prerequisite – German Social Accident Insurance (DGUV) regulation 112-191 (formerly BGR 191\*)

Within the framework of the revised German Social Accident Insurance (DGUV) regulation 112-191 (formerly BGR 191), new, clear guidelines were defined for the use of orthopaedic insoles in safety footwear and individual adjustment of safety footwear. The previous practice of employees providing their own inserts is no longer permissible.

Employers are no longer able to opt out of their duty of care in respect of orthopaedic health and safety.

Significant elements of German Social Accident Insurance (DGUV) regulation 112-191 include a requirement that only fully certified orthopaedic solutions are allowed. This means that no changes made to safety footwear or insoles

may impair the safety characteristics of the footwear and that the entire system must be individually tested. uvex guarantees that its systems are individually tested. Certification gives you the peace of mind that we have used only tested and certified materials and components.



## Partnership with uvex Summary of benefits

- tailor-made orthopaedic solutions for individual employees
- developed by specialist orthopaedic footwear manufacturers
- uvex orthopaedic products can provide legal peace of mind
- whether it's customised inserts or shoe adjustments, all uvex orthopaedic solutions offered in combination with uvex safety footwear are certified by accredited testing bodies
- a wide range of uvex safety footwear has been approved for use with uvex medicare orthopaedic solutions, you can create a uniform look throughout your company by introducing a single footwear model
- local adjustment service provided either by a uvex representative or a representative from one of our approved uvex medicare partners
- tailor-made correction service free of charge
- delivery of on-site health awareness workshops for employees
- products supplied with individual documentation detailing all adaptations and in accordance with legal requirements

## A strong network Wherever you are

With individually tailored product solutions, it is important to offer customers an expert local adjustment service, capable of being available, on-site as quickly as possible. We work with efficient orthopaedic specialists nationwide to ensure that you will always get the service you need.

The network of approved uvex medicare partners offers not only an expert orthopaedic diagnosis and a range of corrective measures, but can also provide employers with peace of mind, knowing that any product solution they use will conform to the applicable standards and legal requirements.

Our uvex medicare partners will be happy to visit your company by appointment in order to work with you to select and implement the most appropriate safety measures for your employees. Speak to your personal uvex representative about alternative solutions for your company.

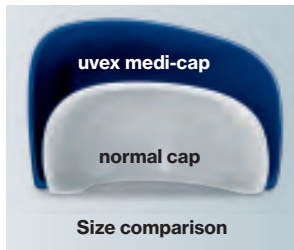
The declarations of conformity for uvex medicare certified safety shoes can be found at:

**[www.uvex-safety.com/en/ce-medicare](http://www.uvex-safety.com/en/ce-medicare)**



## uvex medicare

uvex motion 3XL safety footwear – functionality in every detail



### Exceptionally high, anatomically shaped toe cap

The extremely high and wide uvex **medi-cap** ensures sufficient room for deformed feet (e.g. hammer, claw and mallet toes), a splint, an inner shell or a light foot bandage, so the risk of pressure points is reduced. In addition, this model offers good freedom of movement around the toes taking into account the big toe joint.

### Secure and adjustable lacing system

Extremely soft, padded tongue with external individually adjustable lacing system.



### Soft, elasticated transition

The transition from toe cap to tongue protects the metatarsophalangeal (MTP) joints at the base of the toes.

### Increased space

Additional space for movement to reduce pressure points.

← +1 cm



### All-round cap for impact protection

All-round shoe casing increases protection for wearer and the product life of the shoes.

### Metal-free toe cap and midsole

Penetration-resistant sole and toe cap of high-tech plastics fulfil requirements of S3 shoes in accordance with norm EN ISO 20345:2011.

### Generous foot width

Considerably wider than size 15. Ample room for inserting a thick insole, e.g. special diabetic insole.





# uvex motion 3XL

A true "space miracle"

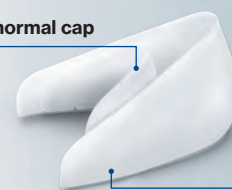
## Minimal seams

To prevent potential rubbing points, the shoes have only three seams which align with the movement direction of the foot. A further feature that reduces pressure points.

## Extended heel cap

The heel cap is extended both inside and outside which ensures optimum heel guidance. This improves body static and increases stability.

### normal cap



### uvex motion 3XL heel cap

## Padded shoe shaft

Special padding in the collar, ankle and achilles tendon area prevent pressure points.

## Maximum comfort

Triple-layer lining with ultra-soft padding.

## Complete orthopaedic package

Construction material comprising soft, conductive EVA 6 mm thick foam, in combination with orthopaedic inserts with EVA core.



## Where the uvex motion 3XL can help



### **Diabetes**

Oversensitive, dry skin, a tendency for corns, hammer toes and claw toes, through to open wounds with associated neuropathy, which can lead to amputations: People with diabetic foot syndrome are advised to wear optimal footwear. Rule of thumb: The fewer pressure points that the shoe causes on the foot (while still providing the required stability), the more comfortable they are to wear, which reduces and alleviates any existing symptoms.



### **Foot misalignment or deformations**

Whether natural characteristics such as extremely wide or "fleshy" feet, or deformities of the foot that are either congenital or have developed over time due to misalignments or joint changes (e.g. hallux valgus, hallux varus, hallux rigidus): If they are not cushioned by correctly fitted footwear to reduce possible pressure points, they tend to get worse.



### **Ankle inflammation and osteoarthritis**

Disorders in the foot can be caused by ankle inflammation, such as symptoms of tendonitis or diseases such as gout or arthritis. Osteoarthritis of the tarsal or ankle joint also cause chronic pain. Relief can be provided by shoes that guarantee stability with maximum mobility.



### **Joint blockages, tendon contractures, heel spur**

Orthopaedic problems such as joint blockages (in the ankle joint or tarsal bone) and tendon contractures or bone formations such as heel spurs: if they are already sufficiently pronounced, they not only cause chronic pain, but they increasingly restrict a person's ability to move.

Post-operative problems, the effects of operations or accidents at work or while playing sport can often drag on for months or years. The feet are often affected: either directly or indirectly as a result of immobility of the legs in particular. The right footwear ensures that those affected will be able to move again quickly and without pain.



### **Lower leg problems**

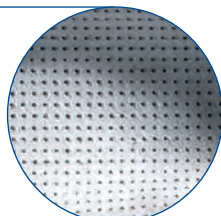
Symptoms of paralysis, dorsiflexion weakness, stiff joints or muscle weakness in the lower leg require orthopaedic boots. Stabilising the ankles can prevent those affected from twisting or stumbling, and so avoid further injury.

## EVA soft-foam technology



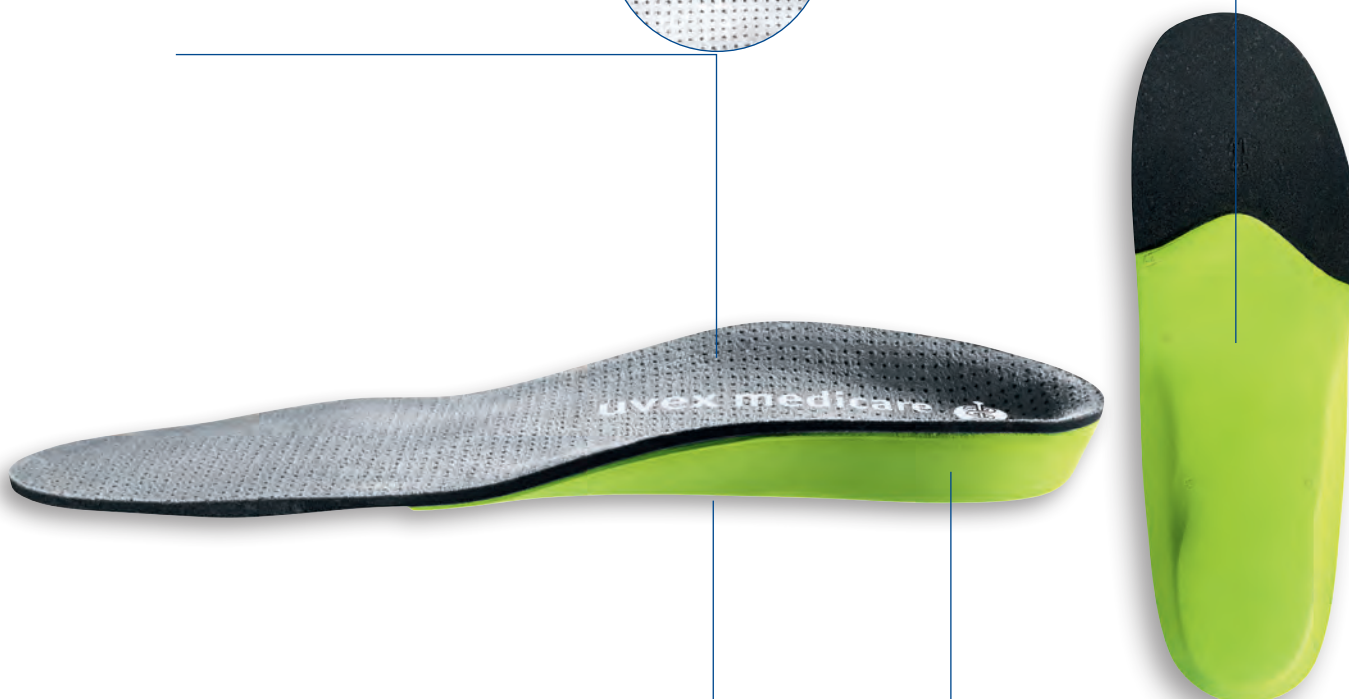
### uvex 3D hydroflex® foam

- optimum moisture absorption and release
- excellent shock absorption in high-strain zones such as the ball and heel of the foot
- smooth surface
- excellent abrasion resistance



### ORTHOPAEDIC ADJUSTMENT

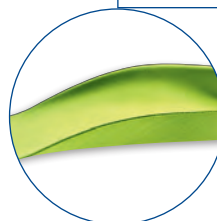
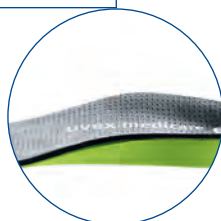
- modular concept
- adapts to assist natural movement



### VARIOUS MEDICAL CONCEPTS

Applicable – depending on classification:

- conventional orthopaedics
- sensorimotor function
- Spiraldynamik®
- supports correct bio-mechanical foot rolling
- does not require to be 'broken in'
- high wearer comfort



### SUPPORTING CORE

- 2 levels of shore hardness (medium/soft) selected according to requirements: Individually adaptable to body type and support requirements
- high support, guiding and shock absorption properties through soft, raised heel shell



All products suitable for orthopaedic foot protection are indicated in this catalogue with the uvex medicare symbol.

Our orthopaedic uvex customised comfort inserts and orthopaedic shoe adjustments are only certified in accordance with specific safety shoes in each case.

To avoid safety risks, it is essential that you select the right safety shoe for the product (notes in main catalogue). We accept no liability for non-certified combinations. Please do not hesitate to contact us should you have any concerns regarding the right safety shoe.

Our orthopaedic uvex comfortable customised inserts and orthopaedic shoe adjustments are certified in accordance with EN ISO 20345:2011 in combination with uvex safety shoes, which are marked in the uvex catalogue with the uvex medicare symbol.





## Orthopaedic shoe adjustments



6499911

### Shoe lift

A shoe lift is required to balance legs of different length.

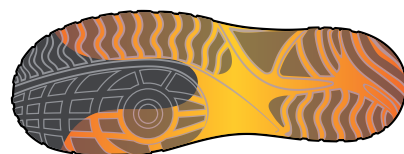
A shoe lift should never exceed 3 cm.



6499913

### Roller sole

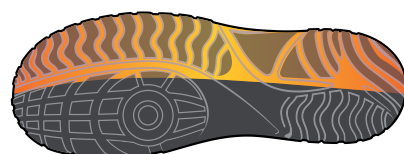
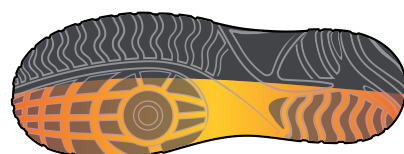
A roller sole eases the burden on the feet during your stride. The precise effect is governed by the location of the pressure point. This helps adjust the length of your stride.



6499914

### Butterfly roller

A butterfly roller reduces the burden on sensitive metatarsal bones by dissipating the pressure caused by each stride. By moving the pressure point, you can create an extra rocking effect.



6499915

### Outer and inner sole wedges

By using a wedge, you can adjust the slope beneath the feet in a standing position and correct the line of your stride when walking.

**Note:** For shoe adjustments, the temperature resistance of the sole is reduced to 60 °C.

**Note:** For Austria, the uvex naturform range is not approved in accordance with ÖNORM Z1259. Only “variant A – orthopaedic insert” for model 69608 uvex xenova® hygiene sling is possible in accordance with ÖNORM Z1259.

Flex

Workwear  
Protective clothing

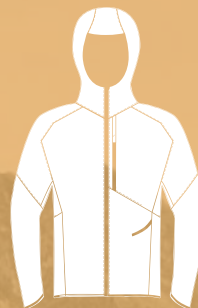




# uvex workwear

## Sustainability

For over 90 years, we have been producing and distributing high-quality products to protect people in sports, leisure and at work. Any company wanting to protect people must accept the responsibility that comes with it. It is exactly this mission that instils our commitment to work sustainably and with social responsibility.



### Durable products

In contrast to the current trend for “fast fashion”, our goal is to develop long-lasting products while maximising resource efficiency, so it is of the utmost importance that we use high-quality materials and ingredients. To ensure we do so, we subject our workwear products to our uvex quality standards and regularly test them at our in-house textile test lab to check that they can withstand mechanical stress such as abrasion, cutting and washing. We also send our products to external washing laboratories to confirm that they can be washed in an industrial laundry facility – such products are labelled with “SL” (Suitable for Laundry) in the catalogue. We firmly believe that this effort helps to conserve resources and significantly extends the product life cycle.





## Protecting people

OEKO-TEX® STANDARD 100 – uvex hazardous substances list

To succeed in our mission of “protecting people”, we are fully committed to ensuring that our products contain no substances that are harmful to human health. OEKO-TEX® STANDARD 100 certification guarantees that our products have been tested for harmful substances. From the outer shoe material and accessories to even the smallest press stud or label, we ensure from the development stage that every single element of the product can be certified in accordance with OEKO-TEX® STANDARD 100 so that the entire product can also be certified.

In addition to OEKO-TEX®, our materials also meet the requirements of our uvex hazardous substances list, which exceeds legal regulations. We use this list to test our products for hazardous pollutants such as PFCs (perfluorinated compounds), pesticides, heavy metals or phenols, because both protecting people and reducing environmental pollution are core concerns for us.



## Manufacturing expertise

In the textile industry, the current norm is to import everything: contrary to this, we continue to trust in products that are made in Europe. As a manufacturer, our responsibilities include design, development, material procurement and production. This is the only way that we at uvex can ensure that everything we produce consistently meets our high quality requirements. We are also a member of the Business Social Compliance Initiative (BSCI), meaning we have pledged to continuously improve living and working conditions on-site for those working on every stage of our supply chain – from production right through to the final product. By sourcing our products in Europe, we can also achieve shorter transport routes, lower CO<sub>2</sub> emissions and faster availability.



## Sustainable materials

Tencel®

Another focus for us is the materials we choose to make our products from. We therefore use Tencel®, a natural fibre made from beech and eucalyptus wood, when we produce our T-shirts. The wood we use comes from sustainable forests that are cultivated in a way that preserves resources – i.e. no additional irrigation and no pesticides.

Recycled polyester

So that we can conserve valuable resources, we use recycled polyester made from empty plastic bottles. The bottles are melted in and spun into new threads, which are used for the production of our materials.

Using recycled polyester reduces our dependence on crude oil and reduces waste.

**amfori**   
Trade with purpose

\* Member of amfori, the leading global business association for open and sustainable trade. We participate in amfori BSCI. For more information visit [www.amfori.org](http://www.amfori.org)



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## ASIA · PACIFIC · AUSTRALIA

UVEX SAFETY SINGAPORE  
PTE. LTD.  
25, International Business Park  
#03-112/113, German Centre  
Singapore 609916  
SINGAPORE  
Tel.: +65 6562 8138  
Fax: +65 6562 8139  
E-Mail: sales@uvex-safety.com.sg  
Internet: uvex-safety.com.sg

For Indonesia:  
UVEX SAFETY SINGAPORE  
PTE. LTD.  
Representative Office Indonesia  
Pondok Indah Office Tower 3, 17th Floor  
Jl. Sultan Iskandar Muda, Kav. V-TA  
Pondok Indah, Jakarta 12310  
INDONESIA  
Tel: +6221 2953 8910  
E-Mail: sales@uvex-safety.com.sg  
Internet: uvex-safety.co.id/id

For Malaysia:  
UVEX SAFETY SINGAPORE  
PTE. LTD.  
Regional Office Malaysia  
1 Sentral, Level 16,  
Jalan Stesen Sentral 5,  
KL Sentral, Kuala Lumpur 50470  
MALAYSIA  
Tel: +603 2092 9261  
Fax: +603 2092 9201  
E-Mail: sales@uvex-safety.com.sg  
Internet: uvex-safety.com.my

## AFRICA · MIDDLE EAST AND INDIA

uvex safety South Africa (Pty) Ltd  
2 Kubu Avenue,  
Riverhorse Valley,  
Effingham, Durban, 4051  
SOUTH AFRICA  
Tel.: +27 31 569 67 80  
Fax: +27 31 569 67 81  
E-Mail: info@uvex.co.za  
Internet: uvex.co.za

UVEX Safety New Zealand  
Pty Ltd  
Tel.: +64 9476 1015 and  
+64 800 698 839  
E-Mail: info@uvex.co.nz  
Internet: uvex-safety.co.nz

UVEX SAFETY AUSTRALIA LIMITED  
PARTNERSHIP  
Unit 3 Riverside Centre  
24-28 River Road West  
Parramatta NSW 2150  
AUSTRALIA  
Tel.: +61 2 9891 1700  
Fax: +61 2 9891 1788  
E-Mail: info@uvex.com.au  
Internet: uvex-safety.com.au  
Sydney 1800 815 790  
Melbourne +61 3 9832 0851  
Brisbane +61 7 3394 8414  
Adelaide +61 8 8376 0732  
Perth +61 8 9209 1444

UVEX (GUANGZHOU) SAFETY  
CO. LTD  
No. 3, Building ShenLan Industrial Zone  
ShiBei Avenue Dashi Panyu  
Guangzhou Guangdong  
CHINA 511430  
Tel.: +86 20 3479 2338  
Fax: +86 20 3479 1098  
E-Mail: info@uvex.com.cn  
Internet: uvex.com.cn

UVEX ARBEITSSCHUTZ GMBH  
Dubai Office  
B6-606  
HQ Building  
Dubai Silicon Oasis  
Dubai  
UAE  
Middle East & India:  
Tel: +971 4 372 4753  
E-Mail: sales@uvex.co.za  
Internet: uvex-safety.com

## EUROPE

UVEX ARBEITSSCHUTZ GMBH  
Würzburger Straße 181-189  
90766 Fürth  
GERMANY  
Tel.: 0800 6644893  
Fax: 0800 6644894  
E-Mail: serviceteam@uvex.de  
Internet: uvex-safety.de

UVEX SAFETY Textiles GmbH  
Robert-Schumann-Straße 33  
08236 Ellefeld  
GERMANY  
Tel.: +49 3745 740-0  
Fax: +49 3745 740-100  
E-Mail: corporatefashion@uvex.de  
Internet: uvex-safety.de

UVEX SAFETY Gloves  
GmbH & Co. KG  
Elso-Klöver-Straße 6  
21337 Lüneburg  
Postfach 24 47 · 21314 Lüneburg  
GERMANY  
Tel.: +49 4131 9502-0  
Fax: +49 4131 84338  
E-Mail: gloves@uvex.de  
Internet: uvex-safety.de

UVEX SAFETY Austria GmbH  
Kamerlweg 33  
4600 Wels  
AUSTRIA  
Tel.: +43 7242 210 745  
Fax: +43 7242 210 745-28  
E-Mail: safety@uvex.at  
Internet: uvex-safety.at

UVEX Arbeitsschutz  
(Schweiz) AG  
Uferstrasse 90  
CH-4057 Basel  
SWITZERLAND  
Tel.: +41 61 638 84 44  
Fax: +41 61 638 84 54  
E-Mail: info@uvex.ch  
Internet: uvex-safety.ch

UVEX HECKEL s.a.s.  
44 rue d'Engwiller  
La Walck  
67350 Val de Moder  
FRANCE  
Tel.: +33 3 88 07 61 08  
Fax: +33 3 88 72 51 06  
E-Mail: contact.france@uvex-heckel.fr  
contact.export@uvex-heckel.fr  
Internet: uvex-heckel.fr

UVEX SAFETY (UK) LTD  
uvex House  
Farnham Trading Estate  
Farnham  
Surrey  
GU9 9NW  
UNITED KINGDOM  
Tel.: +44 1252 73 12 00  
Fax: +44 1252 73 39 68  
E-Mail: safety@uvex.co.uk  
Internet: uvex-safety.co.uk

UVEX Safety Italia S.R.L.  
Corso Grosseto 437  
10151 Torino  
ITALY  
Tel.: +39 011 4536511  
Fax: +39 011 7399522  
E-Mail: info@uvex-safety.it  
Internet: uvex-safety.it

UVEX Safety Scandinavia AB  
Pumpvägen 4  
24393 Höör  
SWEDEN  
Tel.: +45 75661612  
Mobile: +45 21466656  
E-Mail: nordic@uvex.de  
Internet: uvex-safety.se

UVEX SPR OOO  
Blagodatnaya str. 67  
196105 St. Petersburg  
RUSSIA  
Tel.: +7 812 327 6781 and  
8 800 500 78 90  
Fax: +7 812 327 6781  
E-Mail: uvex@uvex-safety.ru  
Internet: uvex-safety.ru

UVEX SAFETY Polska sp. z o.o.sp.k.  
Większyce, ul. Głogowska 3A  
47-208 Reńska Wieś  
POLAND  
Tel.: +48 77 482 62 58  
Fax: +48 77 482 62 57  
E-Mail: uvex@uvex-integra.pl  
Internet: uvex-safety.pl

UVEX Safety CZ, k.s.  
Na Jamách 394  
516 01 Rychnov nad Kněžnou  
CZECH REPUBLIC  
Tel.: +420 494 531 331  
Fax: +420 494 533 395  
E-Mail: info@uvex.cz  
Internet: uvex-safety.cz

UVEX Safety SK k.s.  
Jesenná 1  
080 05 Prešov  
SLOVAKIA  
Tel.: +421 517 732 138  
Fax: +421 517 594 771  
E-Mail: uvex@uvex-safety.sk  
Internet: uvex-safety.sk

UVEX Safety Hungaria Bt.  
Terstyánszky u. 23.  
2083 Solymár  
HUNGARY  
Tel.: +36 26 560093  
Mobile: +36 30 4773135  
Fax: +36 26 560092  
E-Mail: e.boros@uvex.de  
Internet: uvex-safety.hu



# uvex



UVEX SAFETY SINGAPORE PTE LTD  
25 International Business Park  
#03-112/113, German Centre  
Singapore 609916

Phone: +65 6562 8138  
Fax: +65 6562 8139

E-Mail: [sales@uvex-safety.com.sg](mailto:sales@uvex-safety.com.sg)  
Internet: [uvex-safety.com.sg](http://uvex-safety.com.sg)

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**protecting people**