

# uvex



## Individual PPE

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protecting people

# uvex ultimate line

Our motto **made 2 perform** drives us: We develop and manufacture products for maximum performance — without compromising on safety, comfort, quality and sustainability.

Our products perform impressively — whether it's at work, in sport or during leisure. **made 2 perform** is more than just a promise — it is our motivation for users, athletes, employees and everyone who wants to achieve their best.

## uvex RX cd 5528 + tight-fit-kit

Flexible. Modern. Safe.

The uvex RX cd 5528 offers an enhanced secure fit thanks to the attached tight-fit kit, which is available as an accessory. All of the protective features have been fully integrated into the frame design. The soft nose bridge and ear-pieces are individually adjustable. The larger lens height and translucent side protection ensure an almost unrestricted field of vision. The air vents ensure a comfortable eye area.

### Modern

Plastic frame in a sporty design with stylish colour gradient

### Ventilation

Air vents at the top help maintain comfort in the eye area



### Field of vision

Large lens height and translucent side protection for an unrestricted field of vision



CO<sub>2</sub>-footprint:  
0.43 kg CO<sub>2</sub>e 07/2025  
(6109266), calculation  
method see page 372

6109266  
uvex RX cd 5528  
6118018  
uvex RX cd 5528 tight-fit-kit

### Wearer comfort

Soft, adjustable nose bridge and soft, adjustable ear-pieces with metal cores

### Enhanced secure fit

The uvex RX cd 5528 tight-fit-kit accessory, consisting of a seal and headband

uvex RX cd 5528 + tight-fit-kit

made 2 perform

## uvex high-fit titan

The ultra-lightweight otoplastics

MADE IN GERMANY 

The uvex high-fit titan is manufactured using the latest 3D laser technology – for maximum precision and a perfect fit. The innovative titanium material boasts outstanding stability and minimal weight, is hypoallergenic, antibacterial and particularly skin-friendly – ideal for allergy sufferers. The unique design, various filter strengths and high-quality surfaces ensure optimal wearer comfort and reliable protection.

### Laser technology

State-of-the-art 3D laser production guarantees maximum precision and quality

### Material

Titanium impresses with its high stability and low weight

### Sensitivity

For people who react strongly to the occlusion effect

### Surface

The otoplastics are available in a smooth, shiny look or a matt anthracite design



CO<sub>2</sub>-footprint:  
0.61 kg CO<sub>2</sub>e 07/2025  
(6170103, 6170104),  
calculation method  
see page 372

### Health

Hypoallergenic material  
with antibacterial prop-  
erties

### Comfort

Optimal heat dissipation  
for a comfortable fit



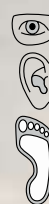
6170103  
6170104

The **made 2 perform** mot-  
to represents clear goals:  
maximum performance,  
uncompromising safety –  
measurable, tangible and  
designed for everyone who  
wants to achieve more.

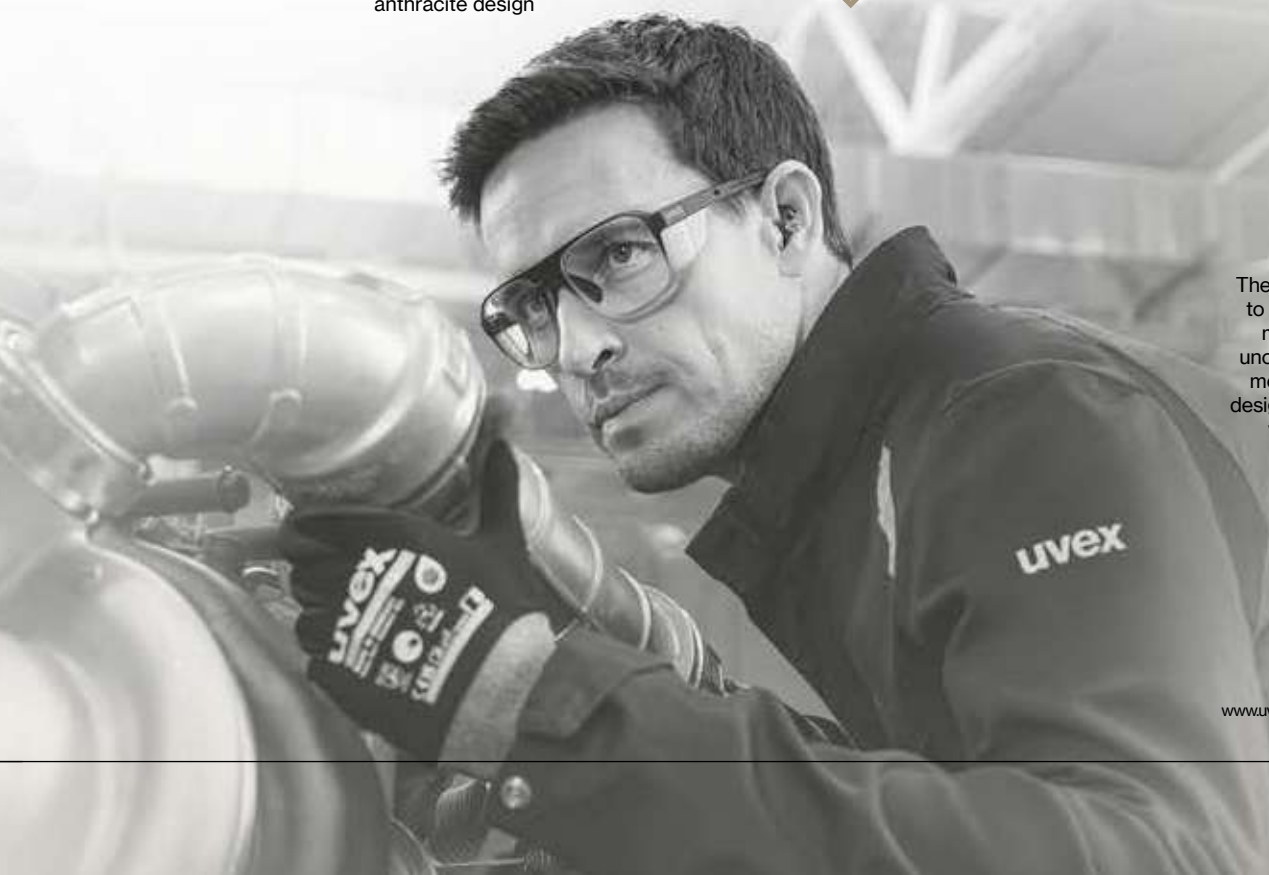
Further information  
can be found at:



[www.uvex-safety.com/en/ultimate-line](http://www.uvex-safety.com/en/ultimate-line)



uvex high-fit titan



Sustainability at uvex safety

# protecting planet



## Sustainable protection for people and the planet

Our custom protective products are used for much longer than standard products — this saves resources and reduces CO<sub>2</sub> emissions.

Hearing protection otoplastics, prescription safety spectacles and prescription VDU spectacles are supplied in reusable cases.

**4 hexagons**  
increased  
transparency  
about the product



### Material

Products featuring this symbol contain bio-based materials, materials that can be composted at home or recycled materials. Recycled materials covers both post-consumer recycling materials (PCR) and post-industrial recycling materials (PIR).



### Packaging

Product packaging featuring this symbol is made of, for example, 100% recycled materials or materials that can be composted at home.



### Circular economy

Products featuring this symbol are, for example, designed to last for a particularly long time, recyclable, intended to be used a second time or able to be repaired.



### Carbon footprint

We calculate the product-specific greenhouse gas emissions using the methods set out in the ISO 14067 standard.

**Calculation method:** IPCC 2021 GWP100 (based on ISO 14067); SimaPro with ecoinvent database; Scope: Cradle-to-Customer; The CO<sub>2</sub> values provided were valid at the time of calculation and may be subject to change due to database or methodology updates.



See here for more detailed information:  
[uvex-safety.com/en/uvex-safety-group/sustainability/goals/](https://uvex-safety.com/en/uvex-safety-group/sustainability/goals/)





### Reliable quality through experience and partnership

Our protective products are based on decades of experience and close cooperation with reliable partners. We offer not only high-quality products, but also comprehensive advice.

# uvex individual PPE



**regional production**  
of otoplastics  
in Central Franconia

otoplastic production:  
**100% nitrogen**  
recovery



**up to 5 years**  
of use for  
otoplastics



**approx. 1.5 years**  
of use for  
prescription safety  
spectacles



otoplastic production:  
**ISO 45001-certified**  
occupational safety  
management  
system



**approx. 2.3 t less**  
plastic in 3 years due  
to the avoidance of  
demo lenses



otoplastic production:  
**lower material  
consumption**  
thanks to modern  
3D printing



**no  
single-use packaging**  
used in shipping

**reusable  
cases**  
that last even longer  
than the products  
themselves



**sustainable  
packaging**  
made from recycled  
cardboard boxes

30% of our  
plastic frames for  
prescription safety  
spectacles are  
**made from sustainable,  
bio-based plastic**

**our goal:**  
almost all the hard compo-  
nents of our plastic frames  
for prescription safety  
spectacles are made from  
**bio-based materials**



# SBU Occupational Health

Individual personal protective equipment from uvex

MADE IN  
UVEX



INDIVIDUAL ADJUSTMENT

## Individual personal protective equipment from uvex

The health of your employees is of central importance to us through the uvex vision **protecting people.**

uvex offers individual premium solutions for protecting the eyes, ears and feet – providing maximum safety for your team.

That's because standard solutions are not enough for uvex.

Individual personal protective equipment combines a high level of innovation and individual adjustment to the wearer, making each product unique. All products from the fields of optics, otoplastics and orthopaedics are customised, ensuring that they are tailor-made to the needs of your employees.

Protective equipment that fits your employees perfectly is more likely to be worn – giving your team reliable protection.

Our custom protective products are characterised in particular by their longevity. Compared to standard products (e.g., overspecs, disposable-hearing

protection), they are used for a much longer time, saving us valuable resources and, calculated over the entire period of use, producing much less waste.



## 'Made in uvex'

Decades of experience and innovative technologies form the basis for products that are manufactured in accordance with the most stringent safety standards.

Whether it's eye, hearing or foot protection: Our individual personal protective equipment ensures that maximum levels of safety and comfort are provided.

Our innovations set new standards in quality and technology by combining excellent wearing comfort, attractive design and sophisticated functionality.

Our motto 'Made in uvex' guarantees a comprehensive quality system and the best possible processing technology. All materials used are free from harmful substances and are regularly inspected.

uvex places great importance on a sustainable production concept with first-class products and an in-house value creation chain, with a focus on production facilities in Germany and Europe. What's more, uvex offers maximum service with maximum flexibility.

CLAIM TO QUALITY

# SBU Occupational Health

Individual personal protective equipment from uvex

## Individual eye protection – uvex prescription safety spectacles

- certified prescription safety spectacles in accordance with EN 166 and Regulation (EU) 2016/425 on personal protective equipment
- wide selection of focus types and lens materials to meet all requirements
- the wide range of frames in different designs are available internationally and take into account the diverse head shapes of your employees
- qualified consultation and customisation by uvex specialists



## Individual eye protection – uvex VDU spectacles

- VDU spectacles for professional use when working in front of a computer monitor and when no safety spectacles need to be worn
- wide selection of focus types and lens materials to meet all requirements
- qualified consultation and customisation by uvex specialists



## Individual hearing protection – uvex high-fit

- certified otoplastic hearing protection in accordance with EN 352
- a wide selection of filters, otoplastic shapes and materials ensures that appropriate otoplastics are available for (virtually) all areas of application
- individual adjustments carried out by qualified specialists



## Orthopaedic solutions for uvex safety shoes – uvex medicare

- certified orthopaedic safety footwear in accordance with EN ISO 20345:2011
- e.g. comfortable customised insoles and shoe adjustments
- wide range of usable uvex safety shoes
- uvex motion 3XL for extra-wide feet and medical conditions (e.g. diabetes)
- customisation by orthopaedics specialists



# SBU Occupational Health

Individual personal protective equipment from uvex

ONE BRAND.  
ONE VISION.  
ONE MISSION.



## OUR MISSION

### #protecting people

The uvex brand mission. This is our objective and our responsibility. uvex protects people – when working, playing sport and pursuing leisure activities.

Decades of experience enable us to transfer expertise continuously between the sectors of industrial safety and top-level sport, and provides the foundation on which we are able to continuously develop our products.

It allows us to create innovations and solutions based on advanced technologies that reliably protect people – whether they are on a production line, on the ski slopes or on a mountain bike.

## OUR FUTURE

### Sustainable actions and social responsibility

If you rely on uvex, you are guaranteed sustainable actions. From environmental protection to social commitment: uvex puts corporate responsibility at the forefront of its daily business.

#### The focus of our commitment is to protect people:

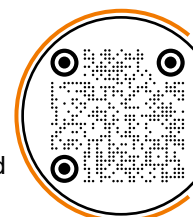
- sustainable product concept
- avoidance of the use of hazardous beyond the requirements of the REACH regulation (the uvex banned hazardous substances list)
- uvex social standard for all manufacturing plants
- social commitment (e.g. Rainer Winter Foundation, Vision for the World)

## OUR SERVICE

### Time and location adapted to your needs

As an experienced specialist in occupational safety, uvex is able to offer an all-round professional service for individual personal protective equipment and meet the specific requirements of your company. Individual PPE products demand a wealth of expertise in the

consultation stage. This is why the adaptation is made by highly qualified experts – such as opticians, audiologists or orthopaedic shoe manufacturers – at a time and location to suit your needs.



**Individual PPE:**  
For more information,  
visit our website.



uvexsafetygroup



uvexsafetygroup



uvexsafety



uvexsafetygroup





**Prescription  
safety spectacles  
and prescription  
VDU spectacles**



# Prescription safety spectacles

Individual eye protection from uvex

**MADE FOR  
YOUR EYES**  
**MADE IN UVEX**



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

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

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

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

## The collection

uvex offers a variety of frames for prescription safety spectacles.

### uvex RX bc plastic



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

### uvex RX bc metal



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

### uvex RX ti



- ti: titan
- made of high-quality titanium
- extremely stable
- lightweight
- allergy-neutral

### uvex RX cb



- cb: custom bridge
- Suitable for people with:
- a flat nose bridge
  - high cheekbones
  - wide temples

### uvex RX cd



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

### uvex RX sp



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

### uvex RX cd flip-up



- cd: comfort and design
- for workplaces with special requirements

### uvex RX cf



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

# Prescription safety spectacles

## Individual eye protection from uvex

### uvex as a partner for individual protective equipment

Our eyesight needs special protection – and many activities in our working lives leave them vulnerable to serious risks. uvex does not compromise on eye protection and offers reliable protection with individually adapted safety spectacles.

Decades of experience and innovative technologies form the basis for uvex products, which are manufactured in accordance with the most stringent safety standards. In addition to safety, uvex also guarantees maximum comfort and quality. Protective equipment that fits properly not only offers reliable protection, but is more likely to be worn by the employee.

### Our service – your benefits

uvex offers maximum service with maximum flexibility. Our specialists are happy to advise you with regard to professional and flexible solutions, tailored to the individual requirements of your company.

Our wide uvex collection enables us to find prescription safety spectacles for each of your employees.



#### uvex experts:

- on-site service from qualified opticians and master opticians
- qualified advisers in uvex customer service
- comprehensive uvex optical service partner network in Germany, Austria and Switzerland, as well as in other European countries



#### uvex flexibility:

- product consultation and adaptations on request.
- appointments are also possible during the early, late or night shift
- uvex online appointment tool optimises planning



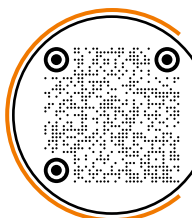
#### uvex expertise:

- decades of experience in optics and continuous development of products
- training courses/practical seminars for your employees (e.g. company doctors, occupational safety specialists)
- 'Made in uvex' quality: First-class products with an in-house value creation chain and a focus on production facilities in Germany/Europe



#### digital service tools:

- uvex RX lens consulting for the optimal product selection for your requirements
- uvex centRX, the web-based centring tool for determining the necessary centring parameters to order your individual safety spectacles



[www.uvex-safety.com/en/individual-ppe/digital-servicetools/](http://www.uvex-safety.com/en/individual-ppe/digital-servicetools/)

### The easy steps to your prescription safety spectacles

**1**

#### Scheduled appointment and consultation

Make an appointment by phone or email and get advice from uvex experts on prescription safety spectacles.

☎ +49 911 97361400

✉ customerservice.sbu-oh@uvex.de

**2**

#### Workplace analysis and product search

Our uvex specialists will be happy to present our uvex collection in person at your company and will conduct a workplace analysis with you to find the best products for you and your employees.

**3**

#### Finished prescription safety spectacles

After consulting and selecting your personal product, either on-site or at one of the uvex optical service partners, your prescription safety spectacles will be ready for you in a timely manner.

**Please contact us for further, non-binding information.**

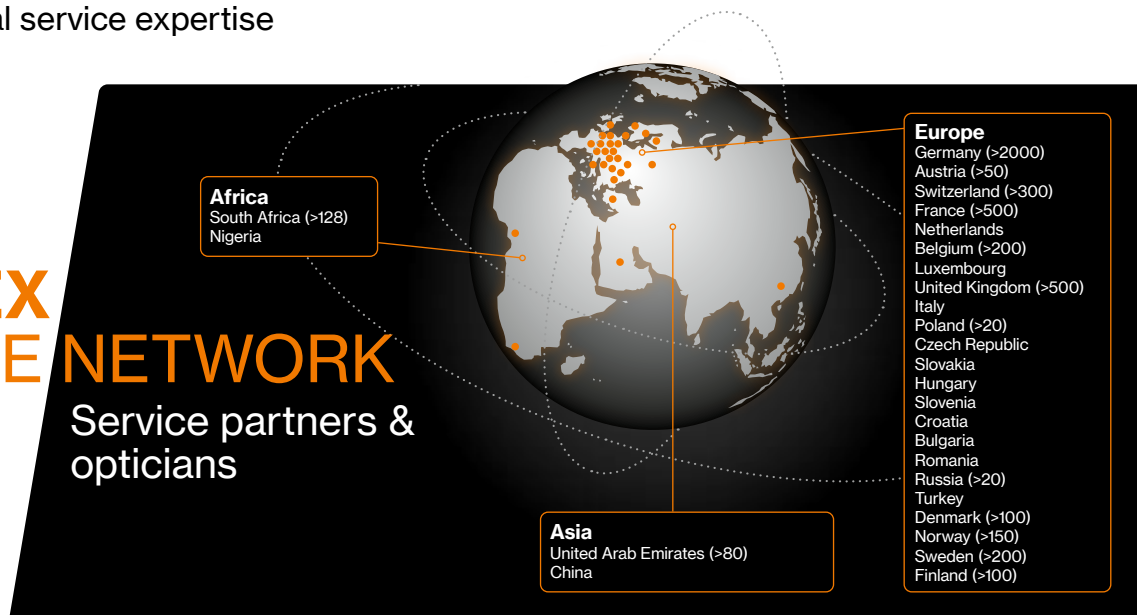


# Prescription safety spectacles

uvex international service expertise

## UVEX SERVICE NETWORK

Service partners & opticians



uvex strives to provide you and your employees with uvex prescription safety spectacles, no matter where your company is located. That's why we offer an international uvex network of production facilities and service partners in many countries. This network is continuously being expanded.



### Perfect fit around the globe

Many frames can be anatomically adapted to different head shapes to ensure a perfect fit, e.g. for



high  
cheek bones



flat  
nose bridge



wide  
temples

Our uvex RX cb and uvex RX cd collections meet the standard requirements for the field of view and coverage for both the European test head and the Asian test head.



**Further information can  
be obtained via:**

+49 911 9736-1400

customerservice.sbu-oh@uvex.de



# Digital service tools

uvex centRX · uvex RX OMS · uvex RX lens consulting

## Maximum service with maximum flexibility

With our uvex RX OMS, uvex RX lens consulting and uvex centRX digital service tools, we offer useful service tools in the fields of prescription safety spectacles and prescription VDU spectacles, which provide you with valuable information at a glance to facilitate your daily work or the ordering process.



## uvex RX OMS – Order management and online configuration

- The uvex RX OMS (RX Order Management System) offers customers, dealers and service partners the opportunity to place orders for uvex prescription safety glasses online with uvex and to track their status.
- Spectacles are configured based on possible combinations of frames/lens properties and then checked to see whether the configuration can be produced within the certified range.
- An electronic order is placed at the end of the process. As soon as the spectacles have been sent, the status is updated in the RX OMS.

### Your benefits:

#### Spectacles configuration

- ✓ Easy and online
  - ✓ Based on individualised customer product ranges
  - ✓ Immediate feedback on feasibility according to EU type certification
  - ✓ Organized data management for your configuration orders incl. status tracking
- ✓ Simple registration
- ✓ Create multiple user logins for one account
- ✓ Available in several languages

#### What you need for uvex RX OMS:

- ✓ PC or laptop with Edge or Chrome browser
- ✓ Internet connection



#### Registration via email

Are you interested in uvex RX OMS – your online spectacles configurator?

## uvex centRX – customisation – simple, fast, digital

The uvex centRX [pronounced 'sentriks'] photo-centring tool is a web-based, easy-to-use solution for quickly and reliably determining the necessary centring parameters for ordering uvex safety and VDU prescription spectacles.

It offers customers, retailers and service partners the opportunity to determine the necessary parameters via a photo and to order glasses digitally using the simple menu navigation. The centring requirements of individual focus groups are stored in the application, so that the possibility of calculation errors in determining the specific height is eliminated.

## uvex RX lens consulting – Optimal selection of products – conveniently online

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



Please get in touch with your uvex contact. You will then receive a registration email with a link to create your individual password. Alternatively, you can use the contact form on the RX OMS home page.

Prescription safety spectacles  
uvex RX bc plastic frames

Basic collection  
uvex RX bc plastic

classic  
timeless  
virtually unrestricted prescription lenses



6109252



6109253

uvex RX bc 5523

- round plastic frame with metal arms
- transparent side shields
- good fit with anatomically shaped nose bridge and easily adjustable earpieces

uvex RX bc 5523		
Art. no.	6109252	6109253
Ref. no.	5523 1525 49/20	5523 7415 49/20
Lens diameter	49 mm	49 mm
Bridge width	20 mm	20 mm
Colour	grey, translucent	green, grey
Extras	metal arms	metal arms
Marking on frame	W 166 FT CE	W 166 FT CE

Prescription safety spectacles  
uvex RX bc plastic frames



6109262



6109264



6109263




6109265




uvex RX bc 5527

- plastic frame in a retro design
- transparent frame with accent colour for an unrestricted field of vision
- good fit thanks to anatomically shaped nose area
- completely metal-free

uvex RX bc 5527				
Art. no.	6109262	6109263	6109264	6109265
Ref. no.	5527 2939 53/18	5527 2915 53/18	5527 2927 57/18	5527 2915 57/18
Lens diameter	53 mm	53 mm	57 mm	57 mm
Bridge width	18 mm	18 mm	18 mm	18 mm
Colour	transparent, aubergine	transparent, grey	transparent, graphite	transparent, grey
Marking on frame	16321 W U1,2 G0 C 1-S/1-M CE	16321 W U1,2 G0 C 1-S/1-M CE	16321 W U1,2 G0 C 1-M/1-L CE	16321 W U1,2 G0 C 1-M/1-L CE

 CO<sub>2</sub> footprint:  
0.42 kg CO<sub>2</sub>e 07/2025  
(6109262, 6109263),  
0.44 kg CO<sub>2</sub>e 07/2025  
(6109264, 6109265),  
calculation method see page 372

 Bio-based content  
(6109262, 6109263, 6109264, 6109265):  
Frame consists of 45% bio-based plastic  
(biogenic origin: castor oil plant), certified  
in accordance with EN ISO 16321



# Prescription safety spectacles

uvex RX bc plastic frames



6109219  
6109203



6109204

## uvex RX bc 5503

- plastic frames with classic lens shape
- transparent side shields with integrated brow guard
- good fit with anatomically shaped nose bridge

uvex RX bc 5503			
Art. no.	6109219	6109203	6109204
Ref. no.	5503 1300 50/17	5503 1300 54/17	5503 7415 54/17
Lens diameter	50 mm	54 mm	54 mm
Bridge width	17 mm	17 mm	17 mm
Colour	anthracite	anthracite	green, grey
Extras			metal arms with spring hinges
Marking on frame	W 166 FT CE	W 166 FT CE	W 166 FT CE



6108215



6109210

## uvex RX bc 5502

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

uvex RX bc 5502	
Art. no.	6108215
Ref. no.	5502 1725 56/15
Lens diameter	56 mm
Bridge width	15 mm
Colour	grey
Marking on frame	W 166 F CE

## uvex RX bc 5506

- comfortable plastic frame
- side shields and integrated brow guard frame design
- good fit with anatomically shaped nose bridge

uvex RX bc 5506	
Art. no.	6109210
Ref. no.	5506 1725 56/18
Lens diameter	56 mm
Bridge width	18 mm
Colour	light grey, translucent
Marking on frame	W 166 F CE



# Prescription safety spectacles

uvex RX bc metal frames

## Basic collection uvex RX bc metal

classic  
timeless  
virtually unrestricted prescription lenses



6109114

### uvex RX bc 5109

- modern, rounded metal frame
- transparent side shields
- anatomically adjustable nose pads and ear-pieces ensure an exceptional fit

uvex RX bc 5109	
Art. no.	6109114
Ref. no.	5109 6100 50/19
Lens diameter	50 mm
Bridge width	19 mm
Colour	gold
Marking on frame	W 166 FT CE



6109115

### uvex RX bc 5110

- classic, square metal frame
- transparent side shields
- anatomically adjustable nose pads and ear-pieces ensure an exceptional fit

uvex RX bc 5110	
Art. no.	6109115
Ref. no.	5110 1300 55/17
Lens diameter	55 mm
Bridge width	17 mm
Colour	anthracite
Marking on frame	W 166 FT CE



6109116

### uvex RX bc 5111

- large metal frame in a retro design featuring a double bridge
- transparent side shields
- anatomically adjustable nose pads and ear-pieces ensure an exceptional fit

uvex RX bc 5111	
Art. no.	6109116
Ref. no.	5111 1800 57/19
Lens diameter	57 mm
Bridge width	19 mm
Colour	silver
Marking on frame	W 166 FT CE



# Prescription safety spectacles

uvex RX bc metal frames



6109117



6109118

## uvex RX bc 5112

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

uvex RX bc 5112		
Art. no.	6109117	6109118
Ref. no.	5112 7000 53/17	5112 5000 55/17
Lens diameter	53 mm	55 mm
Bridge width	17 mm	17 mm
Colour	dark green	dark brown
Marking on frame	16321 W U1,2 G0 CT 1-S/1-M CE	16321 W U1,2 G0 CT 1-M/1-L CE



6109119



6109120

## uvex RX bc 5113

- classic, square metal frame
- striking side arm design
- transparent side shields
- anatomically adjustable nose pads and ear-pieces ensure an exceptional fit

uvex RX bc 5113		
Art. no.	6109119	6109120
Ref. no.	5113 3000 54/19	5113 1300 56/19
Lens diameter	54 mm	56 mm
Bridge width	19 mm	19 mm
Colour	dark blue	anthracite
Marking on frame	16321 W U1,2 G0 CT 1-S/1-M CE	16321 W U1,2 G0 CT 1-M/1-L CE

# Prescription safety spectacles

## uvex RX bc metal frames



6109121


6109100  
6109101

### uvex RX bc 5114

- metal frame in a timeless design
- transparent side shields
- anatomically adjustable nose pads and ear-pieces ensure an exceptional fit

uvex RX bc 5114

Art. no.	6109121
Ref. no.	5114 1300 51/20
Lens diameter	51 mm
Bridge width	20 mm
Colour	anthracite
Marking on frame	16321 W U1,2 G0 CT 1-S/1-M CE

### uvex RX bc 5102

- fashionable, aviator-style metal frame
- transparent side shields
- anatomically adjustable nose bridge and ear-pieces ensure an exceptional fit

uvex RX bc 5102

Art. no.	6109100	6109101
Ref. no.	5102 1400 51/20	5102 1400 53/20
Lens diameter	51 mm	53 mm
Bridge width	20 mm	20 mm
Colour	gunmetal, matt	gunmetal, matt
Marking on frame	W 166 FT CE	W 166 FT CE


6109104  
6109105

6109112  
6109113

### uvex RX bc 5103

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

uvex RX bc 5103

Art. no.	6109104	6109105
Ref. no.	5103 1400 53/17	5103 1400 55/17
Lens diameter	53 mm	55 mm
Bridge width	17 mm	17 mm
Colour	gunmetal, matt	gunmetal, matt
Marking on frame	W 166 FT CE	W 166 FT CE

### uvex RX bc 5108

- slim, expressive metal frame
- transparent side shields
- anatomically adjustable nose bridge and ear-pieces ensure an exceptional fit

uvex RX bc 5108

Art. no.	6109112	6109113
Ref. no.	5108 3400 54/19	5108 3400 56/19
Lens diameter	54 mm	56 mm
Bridge width	19 mm	19 mm
Colour	steel blue	steel blue
Marking on frame	W 166 FT CE	W 166 FT CE



**uvex**

## Prescription safety spectacles

uvex RX ti

Titanium collection  
uvex RX ti

lightweight  
allergy-neutral  
corrosion-resistant



6109404

### uvex RX ti 5904

- thin, lightweight titanium frame
- transparent side shields
- lightweight, allergy-neutral and corrosion-resistant
- anatomically adjustable nose pads and ear-pieces ensure an exceptional fit

uvex RX ti 5904

Art. no.	6109404
Ref. no.	5904 1900 52/19
Lens	52 mm
Bridge width	19 mm
Colour	silver, matt
Marking on frame	W 166 FT CE



6109405

### uvex RX ti 5905

- large titanium frame in a retro design featuring a double bridge
- transparent side shields
- lightweight, allergy-neutral and corrosion-resistant
- anatomically adjustable nose pads and ear-pieces ensure an exceptional fit

uvex RX ti 5905

Art. no.	6109405
Ref. no.	5905 1900 57/19
Lens	57 mm
Bridge width	19 mm
Colour	silver, matt
Marking on frame	W 166 FT CE



# Prescription safety spectacles

uvex RX cb

custom bridge  
uvex RX cb

perfect fit for  
high cheekbones  
wide temples  
flat nose bridge



6109232

## uvex RX cb 5580

- wide fitting plastic frame for the best fit
- frame design with side shields and integrated brow guard
- easily adjustable, soft-form ear pieces for extra comfort
- ideal for individuals with a flat nose bridge, high cheekbones and/or wide temples.
- tested for use with Asian headform 2M, DIS ISO 18526-4:2018

uvex RX cb 5580	
Art. no.	6109232
Ref. no.	5580 3015 57/14
Lens	57 mm
Bridge width	14 mm
Colour	dark blue, grey
Marking on frame	W 166 F CE



6109233

## uvex RX cb 5581











- plastic frame with extra wide temple width
- frame design with side shields and integrated brow guard
- easily adjustable, soft-form ear pieces for extra comfort
- ideal for individuals with a flat nose bridge, high cheekbones and/or wide temples.
- tested for use with Asian headform 2M, DIS ISO 18526-4:2018

uvex RX cb 5581	
Art. no.	6109233
Ref. no.	5581 1542 58/14
Lens	58 mm
Bridge width	14 mm
Colour	grey, dark red
Marking on frame	W 166 F CE



# Prescription safety spectacles

Lens options uvex RX bc for plastic and metal frames · 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> <ul style="list-style-type: none"> <li>– Version with expanded near vision</li> <li>– Ideal for workplace environments of 30 cm to approx. 2 m</li> </ul>		<b>Nahcomfort Standard, Nahcomfort Optima</b> Versions see page 408	min. 17 mm Main line of sight
<b>Distanzcomfort</b> <ul style="list-style-type: none"> <li>– Calculation of the individual correction for defined distances (1 m, 2 m or 4 m)</li> </ul>		<b>Distanzcomfort Optima</b>	min. 17 mm Zero line of sight
<b>Single vision Relax</b> <ul style="list-style-type: none"> <li>– To accommodate the prescription for the lower part of the lens, the prescription is increased by +0.5 of a diopter</li> </ul>		<b>Single vision Relax</b>	min. 15 mm Zero line of sight
<b>Certified prescription range</b>			
<b>Bifocal</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>– Bifocal: Instantly well-tolerated, visible edge of segment supports orientation</li> </ul>	Bifocal 	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> <ul style="list-style-type: none"> <li>– Standard area for far distance and near distance</li> <li>– Long, narrow canal of progression</li> </ul>	min. 23 mm Zero line of sight
		<b>Varifocal Pro Work</b> <ul style="list-style-type: none"> <li>– Large area for far distance</li> <li>– Wide canal of progression</li> <li>– Optimized area for reading distance</li> </ul>	min. 20 mm Zero line of sight
		<b>Varifocal Piccolo</b> <ul style="list-style-type: none"> <li>– Suitable for flat frames</li> <li>– Large area for far distance and near distance</li> <li>– Shortened canal of progression</li> </ul>	min. 17 mm Zero line of sight
		<b>Varifocal Top One</b> <ul style="list-style-type: none"> <li>– Very comfortable, large long-distance and close-up field of vision</li> <li>– Wide canal of progression for added convenience</li> <li>– Minimal blur in peripheral vision</li> </ul>	min. 19 mm Zero line of sight
	Varifocal Optima, Optima HD 	<b>Varifocal Optima, Optima HD</b> <ul style="list-style-type: none"> <li>– Individual adjusted multifocal lens of latest generation</li> <li>– Wide field of view for any distance</li> <li>– Improved design</li> <li>– Almost no blurred zones in periphery area</li> <li>&gt;&gt; Version HD see page 408</li> </ul>	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	Super AR	UV blue protect	Tint	Variomatic brown
	■	■	■	■	■	HD not available	■	■	■	■	■
		incl. hard coating only available with SAR 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 without AR or with SAR	only single vision	■	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	—	■	■	only HI 1.67 or PC	—	—
	■	■	■	■	■	—	■	■	only HI 1.67 or PC	—	—
	■	■	■	■	■	—	■	■	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 -6.0 dpt. at maximum value cyl. ± 6.0 dpt.	+7.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt.						
	■	Bifocal only	—	■	—	■	■	■	—	■	—
	+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					
	■	■	■	■	—	■	■	■	—	■	only Polycarbonate
	■	■	■	■	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
	■	■	■	■	—	—	■	■	—	■	only Polycarbonate
	■	■	■	■	—	■	■	■	only HI 1.67 or PC	■	only Polycarbonate
	■	only Optima and Optima HD	only Optima and Optima HD	■	only Optima and Optima HD	—	only Optima	■	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

uvex RX cd

comfort and design  
uvex RX cd

modern  
sporty  
protective functions integrated into  
frame design



6109257





Reflective uvex logo

6109249

## uvex RX cd 5521 planet · uvex RX cd 5521

- stylish plastic frame with reflective uvex logo
- transparent lens frame for an unrestricted field of view
- good fit thanks to anatomically shaped nose bridge
- sporty arms made from a combination of soft and hard components to ensure increased comfort and non-slip fit

 CO<sub>2</sub> footprint:  
0.61 kg CO<sub>2</sub>e 05/2023 (6109257),  
calculation method see page 372

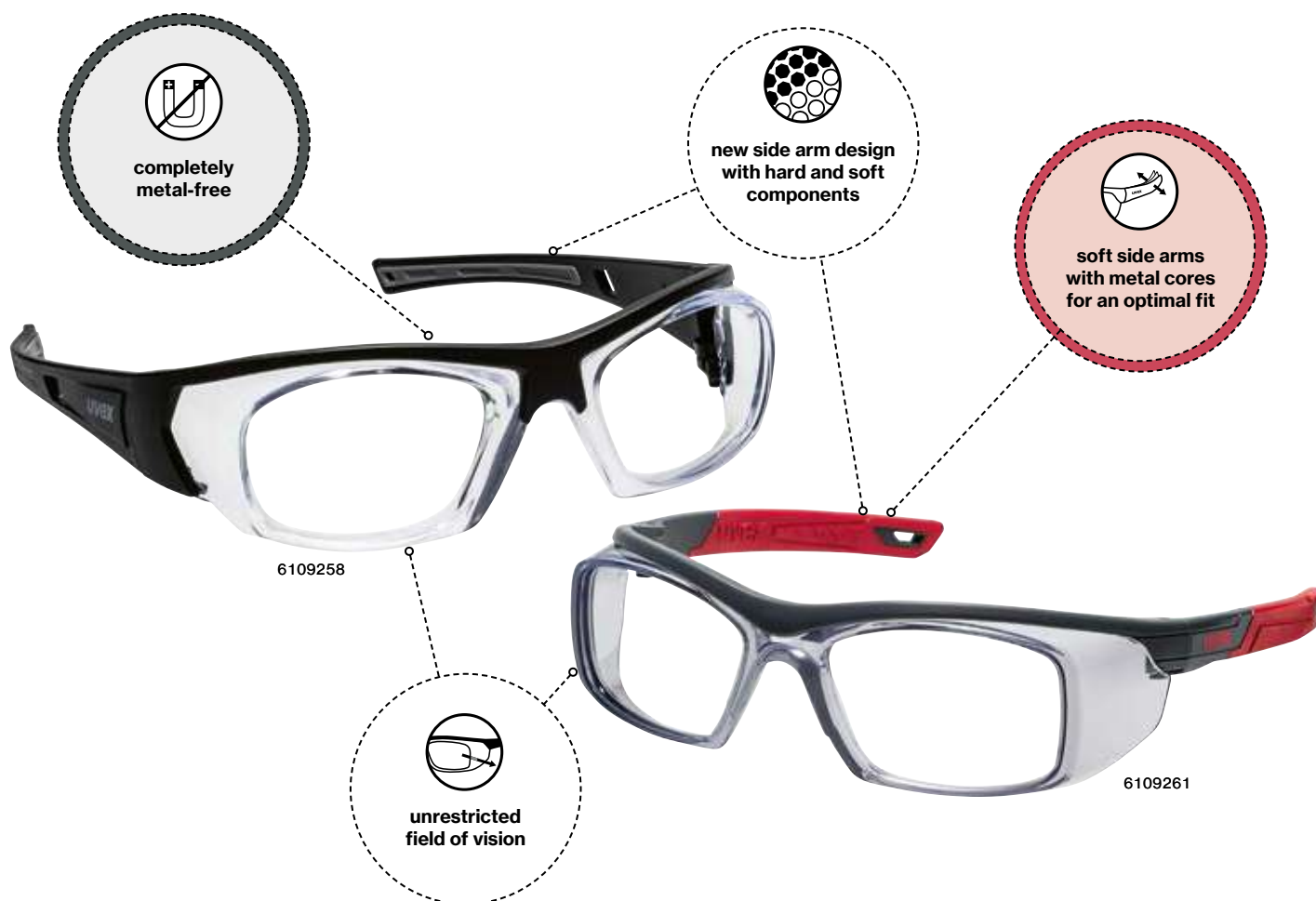
 Bio-based content (6109257): hard components of the frame consist of 38% bio-based plastic (biogenic origin: castor oil plant), certified in accordance with EN ISO 16321

uvex RX cd 5521	uvex RX cd 5521 planet	uvex RX cd 5521
<b>Art. no.</b>	6109257	6109249
<b>Ref. no.</b>	5521 1369 54/22	5521 1813 54/22
<b>Lens diameter</b>	54 mm	54 mm
<b>Bridge width</b>	22 mm	22 mm
<b>Colour</b>	anthracite, jade	silver, anthracite
<b>Marking on frame</b>	W 166 F CE	W 166 F CE



# Prescription safety spectacles

uvex RX cd



uvex RX cd 5518 successor model



uvex RX cd 5520 successor model

## uvex RX cd 5525

- plastic frame in a sporty design
- transparent lens carrier for an unrestricted field of vision
- good fit thanks to anatomically shaped nose area
- ear-pieces with hard and soft components ensure a non-slip fit
- completely metal-free



uvex RX cd 5525		
Art. no.	6109258	6109259
Ref. no.	5525 1015 53/22	5525 1030 53/22
Lens diameter	53 mm	53 mm
Bridge width	22 mm	22 mm
Colour	black, grey	black, dark blue
Marking on frame	16321 W U1.2 G0 C 1-M CE	16321 W U1.2 G0 C 1-M CE

CO<sub>2</sub> footprint:  
0.53 CO<sub>2</sub> e kg 07/2025  
(6109258, 6109259),  
calculation method  
see page 372

Bio-based content (6109258,  
6109259): hard components of the  
frame consist of 38% bio-based plastic  
(biogenic origin: castor oil plant), certified  
in accordance with EN ISO 16321

## uvex RX cd 5526

- plastic frame in a sporty design
- translucent lens carrier for an unrestricted field of vision
- good fit thanks to anatomically shaped nose area
- soft, easily adjustable ear-pieces with metal core



uvex RX cd 5526		
Art. no.	6109260	6109261
Ref. no.	5526 1015 54/18	5526 1341 54/18
Lens diameter	54 mm	54 mm
Bridge width	18 mm	18 mm
Colour	black, grey	anthracite, red
Marking on frame	W 166 F CE	W 166 F CE

► Please note the glazing options for uvex RX cd on pages 398/399.



# Prescription safety spectacles

uvex RX cd



## uvex RX cd 5524 planet

- modern, close-fitting plastic frame
- translucent frame colour for an unobstructed field of vision
- frame design with integrated side shields and upper eye coverage
- soft, adjustable nose bridge
- easily adjustable soft-form comfort ear-pieces

uvex RX cd 5524 planet		
Art. no.	6109254	6109255
Ref. no.	5524 2513 53/16	5524 2513 57/16
Lens diameter	53 mm	57 mm
Bridge width	16 mm	16 mm
Colour	translucent, anthracite	translucent, anthracite
Marking on frame	W 166 F CE	W 166 F CE

- CO<sub>2</sub> footprint:  
0.71 kg CO<sub>2</sub>e 05/2023 (6109254),  
0.74 kg CO<sub>2</sub>e 05/2023 (6109255),  
calculation method see page 372
- Bio-based content (6109254, 6109255): hard components of the frame consist of 38% bio-based plastic (biogenic origin: castor oil plant), certified in accordance with EN ISO 16321



## uvex RX cd 5514

- close-fitting plastic frame
- transparent side shields and integrated brow guard frame design
- soft, adjustable nose bridge
- easily adjustable soft-form comfort ear pieces

uvex RX cd 5514		
Art. no.	6109225	6109226
Ref. no.	5514 1033 53/18	5514 1045 55/18
Lens diameter	53 mm	55 mm
Bridge width	18 mm	18 mm
Colour	black, blue	black, red
Marking on frame	W 166 F CE	W 166 F CE

► Please note the glazing options for uvex RX cd on pages 398/399.

# Prescription safety spectacles

uvex RX cd 5528 · uvex RX cd 5528 tight-fit-kit



individually adjustable



universal

6109266



## uvex RX cd 5528

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

uvex RX cd 5528

Art. no.	6109266	6109267
Ref. no.	5528 1091 56/18	5528 1091 59/18
Lens diameter	56 mm	59 mm
Bridge width	18 mm	18 mm
Colour	translucent, black	translucent, black
Marking on frame	16321 W U2,5 G2 C 1-M CE	16321 W U2,5 G2 1-M/1-L CE
Compatible with	6118018	6118019

CO<sub>2</sub> footprint:  
0.43 kg CO<sub>2</sub>e 07/2025  
(6109266, 6109267),  
calculation method  
see page 372

Bio-based content (6109266, 6109267): Hard components of the frame consist of 31% bio-based plastic (biogenic origin: castor oil plant), certified in accordance with EN ISO 16321



large  
lens height



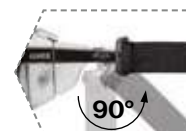
subtle  
colour gradient



non-slip,  
pressure-free fit



unrestricted field  
of vision



**Headband**  
Fitted quickly –  
for a firm,  
secure fit



uvex RX cd 5528 with uvex RX cd 5528 tight-fit-kit  
6109266 + 6118018



### Seal

Simply clip into the air  
vents of the frame



## Accessories for an enhanced tight fit

### uvex RX cd 5528 tight-fit-kit

- set consisting of seal and headband
- seal made of hard and soft components for a tight fit
- headband for a more secure fit, can be fitted straight onto the side arms

uvex RX cd 5528 tight-fit-kit

Art. no.	6118018	6118019
Colour	black	black
Marking on frame	16321 W C CE	16321 W C CE
Compatible with	6109266	6109267
Order unit	PC	PC

► Please note the glazing options for uvex RX cd on pages 398/399.

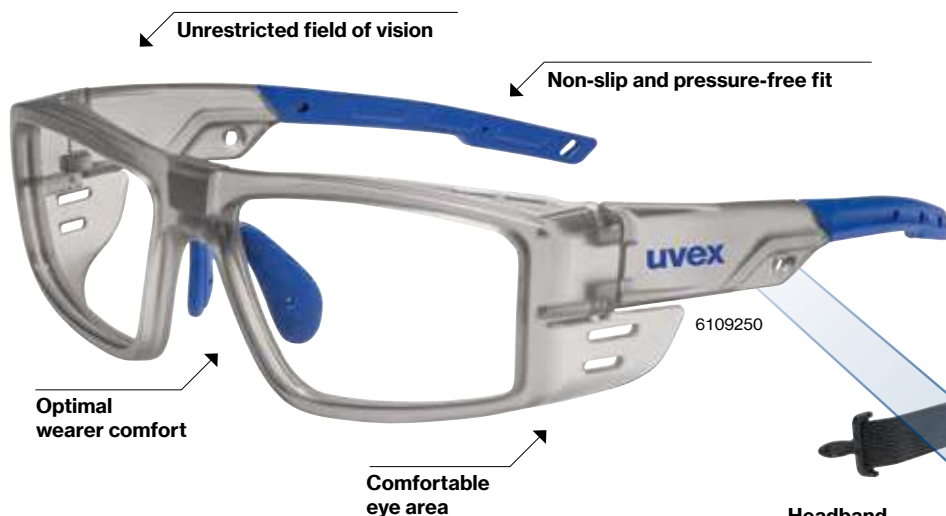


# Prescription safety spectacles

uvex RX cd 5522

uvex RX cd 5522 tight-fit-kit

## FLEXIBLE / ROBUST / SAFE



### uvex RX cd 5522

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

**Headband**  
› easy fitting –  
for a more secure fit

### Accessories for extra protection against liquids

#### uvex RX cd 5522 tight-fit-kit

- set consisting of seal and headband
- seal made of hard and soft components provides a tight fit
- protection against liquids (droplets) – marking 3, in accordance with EN 166
- headband for a more secure fit, can be fitted straight onto the side arms



**Seal**  
› simply clip into the upper and side air vents of the frame to close them and fix the seal



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

	uvex RX cd 5522	uvex RX cd 5522 tight-fit-kit
Art. no.	6109250	6118012
Ref. no.	5522 2533 58/15	
Lens diameter	58 mm	
Bridge width	15 mm	
Colour	translucent-grey, blue	black, anthracite
Marking on frame	Frame: W 166 F CE	Face seal: W 166 3F CE
Compatible with	6118012	6109250
Order unit		PC

► Please note the glazing options for uvex RX cd on pages 398/399.



# Prescription safety spectacles

uvex RX cd



6109208  
6109209

## uvex RX cd 5505

- close-fitting plastic frames
- integrated side shields and brow guard for an exceptionally close fit
- specially shaped frames provide protection against particles from below
- good fit with anatomically shaped nose bridge
- individually adjustable side arm length and angle for a customised fit and adjustable soft-form comfort ear pieces

uvex RX cd 5505		
Art. no.	6109208	6109209
Ref. no.	5505 2900 55/19	5505 2900 57/19
Lens diameter	55 mm	57 mm
Bridge width	19 mm	19 mm
Colour	transparent	transparent
Marking on frame	W 166 F CE	W 166 F CE



6118000  
6118001

## uvex RX cd 5505 seal

- foam seal frame for uvex RX cd 5505 for use when working with dust, chips or fluids
- complies with EN 166 "Protection against liquid droplets and splashes" (category "3")



uvex RX cd 5505 with uvex RX cd seal












uvex RX cd 5505 seal		
Art. no.	6118000	6118001
Ref. no.	5505 seal 55/19	5505 seal 57/19
Lens diameter	55 mm	57 mm
Bridge width	19 mm	19 mm
Colour	black	black
Order unit	PC	PC
seal marking	W 166 3 F CE	W 166 3 F CE

► Please note the glazing options for uvex RX cd on pages 398/399.



# Prescription safety spectacles

Lens options for uvex RX cd · uvex RX cf 5500 - uvex RX cf 5501

				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						
					<b>Nahcomfort Standard, Nahcomfort Optima</b> (Versions see page 408)	min. 17 mm Main line of sight
Nahcomfort Standard	Nahcomfort Optima	Distanzcomfort Optima	Single vision Relax		<b>Distanzcomfort Optima</b>	min. 17 mm Zero line of sight
					<b>Single vision Relax</b>	min. 15 mm Zero line of sight
Prescription range						
Bifocal						
				Width of segment: 28 mm, curved		
Bifocal						
Prescription range						
Varifocals						
					<b>Varifocal Standard</b>	min. 23 mm Zero line of sight
Varifocal Standard	Varifocal Pro Work	Varifocal Piccolo	Varifocal Top One	Varifocal Optima	<b>Varifocal Pro Work</b>	min. 20 mm Zero line of sight
				Varifocal Optima HD	<b>Varifocal Piccolo</b>	min. 17 mm Zero line of sight
					<b>Varifocal Top One</b>	min. 19 mm Zero line of sight
					<b>Varifocal Optima</b>	min. 17 mm Zero line of sight
					<b>Varifocal Optima HD</b>	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.

	Material					Extras, optional				
	CR 39	HI 1.6	Plastic HI 1.67	PC	Trivex	Normal AR	Super AR	UV blue protect	Tinting	Variomatic brown
	■	■	■	■	■	■	■	■	■	■
		incl. hard coating  only available with SAR	incl. hard coating  only available with SAR	incl. hard coating	incl. hard coating	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	—	only Polycarbonate
	+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.					
	■	Bifocal only	—	■	—	■	■	—	■	—
	+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, 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.



# Prescription safety spectacles

uvex RX sp

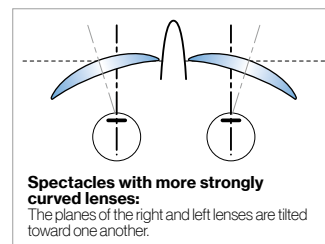
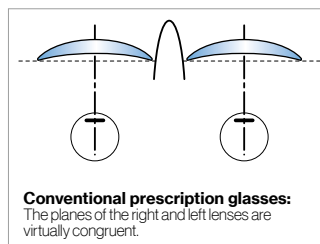
sporty  
uvex RX sp

dynamic  
wrap-around design  
protective functions integrated  
in frame design



## uvex anatomic sport lens

We only use lenses with a base curve that is identical to the curvature of the frame. Prescription values are recalculated based on the angle of the lenses and taken into account during the glazing process.



6109216



6109217

## uvex RX sp 5510

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

uvex RX sp 5510		
Art. no.	6109216	6109217
Ref. no.	5510 1217 62/17	5510 1248 62/17
Lens diameter	62 mm	62 mm
Bridge width	17 mm	17 mm
Colour	matt black, light grey	matt black, orange
Marking on frame	W 166 F CE	W 166 F CE

► Please note the glazing options for uvex RX sp on pages 402/403.



# Prescription safety spectacles

uvex RX cf

close fit  
uvex RX cf

close-fitting  
all-round protection  
direct glazing  
solutions using RX insert

## Recommended use/glazing

uvex RX cf 9501 – Lens material: PC\*

- Workplaces with a high risk of mechanical hazards
- such as metal-cutting shaping, turning, grinding and milling
- Mechanical strength "B", 120 m/s

Lens material: Trivex

- Workplaces with a high risk of chemical hazards
- such as laboratories and those handling small quantities of chemicals
- Mechanical strength "F", 45 m/s



6109501

## uvex RX cf 9501

- goggles with custom prescription
- direct prescription lenses provide exceptional optical quality without aberrations or loss of light
- comfortable TPE frame, stays comfy even when worn for longer periods
- high level of mechanical strength ("B", 120 m/s)
- meets the requirements for additional markings 3 (liquids, droplets) and 4 (coarse dust)

uvex RX cf 9501	
Art. no.	6109501
Ref. no.	9501 1333 61/14
Lens diameter	61 mm
Bridge width	14 mm
Colour	anthracite, blue
Marking on frame	W 166 34 B CE

► Please note the glazing options for uvex RX cf 9501 on pages 402/403.



6108200

## uvex RX cf 5500

- spectacles with all-round protection
- fixed RX insert for your individual prescription
- meets the requirements for additional markings 3 (liquids, droplets) and 4 (coarse dust)
- perfect fit providing reliable protection: The side arms can be adjusted to a variety of different lengths, allowing the glasses to be adapted to suit all facial shapes
- flexible soft components adapt to the wearer's face contours

uvex RX cf 5500	
Art. no.	6108200
RX insert lens diameter	48 mm
RX insert bridge width	20 mm
Colour	blue, grey
Marking on frame	W 166 34 F CE
Lenses	PC clear
Lens marking	2C-1,2 W 1 FKN

► Please note the glazing options for uvex RX cd on pages 398/399.



6108201

## uvex RX cf 5501

- small goggles with fixed RX insert to suit your individual prescription
- meets the requirements for additional markings 3 (liquids, droplets) and 4 (coarse dust)
- highly compatible with other PPE
- low-volume frame design
- indirect ventilation












uvex RX cf 5501	
Art. no.	6108201
RX insert lens diameter	48 mm
RX insert bridge width	20 mm
Colour	black, grey
Marking on frame	W 166 34 B CE
Lenses	PC clear
Lens marking	2C-1,2 W 1 FKN

► Please note the glazing options for uvex RX cd on pages 398/399.



# Prescription safety spectacles

Lens options for uvex RX sp models · Special lenses for uvex RX cf 9501

uvex RX sp 5510		Important note	Lens type	Parameter for centering of the lenses	
	Description			Specific height Box measure	
	Single vision				
		for uvex RX sp 5510: Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Single vision Single vision HD	Main line of sight	
	Comfort lenses				
		for uvex RX sp 5510: Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Nahcomfort Optima	min. 17 mm Main line of sight	
			Distanzcomfort Optima	min. 17 mm Zero line of sight	
			Single vision Relax	min. 15 mm Zero line of sight	
	Nahcomfort Optima   Distanzcomfort Optima   Single vision Relax				
	Varifocals				
		for uvex RX sp 5510: Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Varifocal Pro Work	min. 20 mm Zero line of sight	
			Varifocal Optima	min. 17 mm Zero line of sight	
	Varifocal Pro Work   Varifocal Optima   Varifocal Optima HD		Varifocal Optima HD	min. 16 mm Zero line of sight	
	Prescription range				
uvex RX cf 9501		Important note	Lens type	Parameter for centering of the lenses	
	Description			Specific height Box measure	
	Single vision				
		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	
	Varifocals				
		When using PC or PC+ Minimum PD ≥ 32.0 mm When using Trivex Minimum PD ≥ 34.0 mm	Varifocal Pro Work	min. 20 mm Zero line of sight	
			Varifocal Optima	min. 17 mm Zero line of sight	
	Varifocal Pro Work   Varifocal Optima   Varifocal Optima HD		Varifocal Optima HD	min. 16 mm Zero line of sight	
	Prescription range				

- 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	Super AR	UV blue protect	Tint	Variomatic brown
	■	■	■	■	■	■	■	■	■	■
		incl. hard coating only available with SAR	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.
	Material					Extras, optional				
	CR 39	HI 1.6	Plastic HI 1.67	PC/PC <sup>+</sup>	Trivex	Normal AR	Super AR	UV blue protect	Tint	Variomatic brown
	—	—	—	■	■	■	■	■	■	■
	—	—	—	incl. hard coating	incl. hard coating			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.



**uvex**

## Prescription safety spectacles

uvex RX cd flip-up multi-filter

uvex RX cd flip-up  
multi-filter

IR protection  
welding protection and protection  
against UV radiation up to 400 nm



6109270

### Areas of application:

- work with IR radiation, average temperature of the radiation source 1390°C (steel foundries)
- autogenous welding

### uvex RX cd 5505 flip-up multi-filter

- plastic frame with a close-fitting design
- flip-up with multi-filter non-prescription lenses
- IR protection and welding protection, level 5 with perfect colour recognition
- UV400 – 100% protection against UV radiation up to 400 nm
- the main frame will be fitted with individual prescription safety lenses
- good fit with anatomically shaped nose bridge
- individually adjustable side arm length and angle with adjustable soft-form comfort ear-pieces

uvex RX cd 5505 flip-up multi-filter	
Art. no.	6109270
Ref. no.	5505 9995 57/19
Lens	57 mm
Bridge width	19 mm
Colour	black, anthracite
Features: flip-up	
Lens	PC grey, Infrared protection level 5 Welding protection level 5 UV400
Lens marking	16321 W UL5 RL5 WL5 C 1 K CE
Marking on frame	16321 W U5 R5 W5 C 1-M CE



# uvex i-3 add

Perfect vision in every situation

## Optimum protective eyewear means improved, safe vision.

uvex i-3 add safety spectacles have invisible integrated dioptr correction for near vision. Strain on the eyes is effectively reduced (e.g. when reading) and the patented lens technology ensures an instant high level of compatibility for wearers. At the same time, the uvex i-3 add spectacles provide secure protection and optimal comfort.



### Variable side arm inclination

The 5-position side arm inclination allows individual adjustment and optimum coverage of the eyes.



### Addition

Two models are available for individualised correction of near vision. (+1.0 dpt. and +2.0 dpt.)



### Flexible nose loops

The extremely soft adjustable Softflex nose loops ensure a secure fit and can be individually adapted to sit comfortably on the nose.

### uvex supravision excellence

The uvex supravision excellence coating guarantees extreme scratch resistance on the outside and permanent anti-fogging properties on the inside.

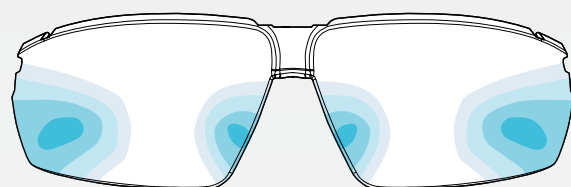
**MADE IN GERMANY**

Patent no.: DE 10 2012 207 384

## Perfection in every detail

The patented lens technology makes it possible to integrate two progression zones for near vision on the inside of the duospherical single lens safety spectacles. The correction strength at the bottom of the lenses is +1.0 or +2.0, depending on the model. A distinctive feature and unique selling point is that the patented manufacturing technology means the front area and consequently the base curve of the lenses are not altered.

This combines extremely good coverage and fit, all the way to the edge, together with the benefits of a progressive lens on the inside area. A further benefit is that the progressive zone is not visible and that these spectacles comply with all standards of EN norms that are relevant to safety.



optical lens designed by  
**optiswiss**  
original since 1937

### Progression zones

This diagram of the lenses shows the large zone that does not feature any optical correction. The transparent, integrated optical correction starts in the region of the middle and the strength increases gradually towards the lower edge of the lenses. The correction strength of the spectacles is +1.0 or +2.0, depending on the model.

The free-form lens is manufactured in accordance with standard parameters and designed for a distance of approximately 64 mm between the eyes. These safety spectacles do not permanently replace prescription safety spectacles.

## uvex i-3 add

	uvex i-3 add 1.0	uvex i-3 add 2.0
<b>Art. no.</b>	6108210	6108211
<b>Frame</b>	anthracite, lime W 166 FT CE	anthracite, lime W 166 FT CE
<b>Lens</b>	PC clear UV 400 2C-1.2 W 1 FTKN CE	PC clear UV 400 2C-1.2 W 1 FTKN CE
<b>Strength</b>	uvex supravision excellence 1.0 dpt.	uvex supravision excellence 2.0 dpt.
<b>Order unit</b>	PC	PC



Including soft spectacles case with microfibre cloth




# Prescription safety spectacles

## Certification and marking

### Certification

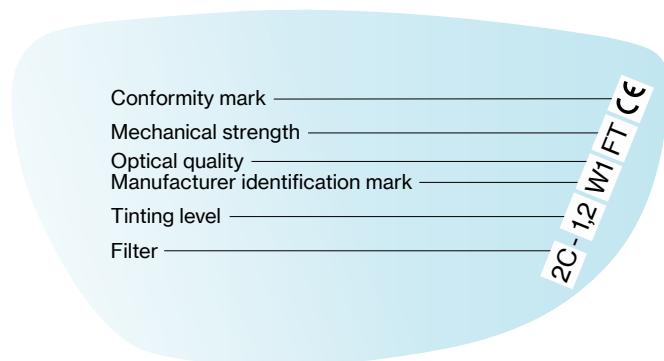
Individually manufactured uvex prescription safety spectacles are tested and certified by independent testing institutes at regular intervals according to the requirements of the current standard.

### Marking

- frame and lenses are permanently marked
- if the markings on the lens and frame are different, the lower mechanical strength applies to the entire eye protection device
- according to the PPE regulation, uvex prescription safety spectacles must be marked with the factory symbol and production date:  MM/YYYY



## Markings on lenses in accordance with EN 166



### Mechanical strength

<b>S</b>	Increased strength
<b>F</b>	Low-energy impact (45 m/s or 162 km/h)
<b>B</b>	Medium-energy impact (120 m/s or 432 km/h)
<b>T*</b>	Tested under extreme temperatures (-5°C/+55°C)

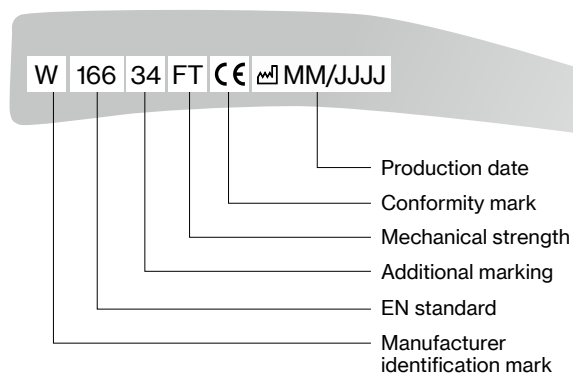
### Tinting levels

Marking	Light transmittance	Tint
<b>1.2</b>	74.4–100%	Clear
<b>1.1 &lt; 3.1</b>		Self-tinting (variomatic)

### Filter

<b>2</b>	UV protection filter (EN 170)
<b>2C</b>	UV protection filter with colour recognition (EN 170)
<b>5</b>	Sunglare filter for industrial use (EN 172)

## Markings on frames in accordance in accordance with EN 166



### Mechanical strength

<b>S</b>	Increased strength
<b>F</b>	Low-energy impact (45 m/s or 162 km/h)
<b>B</b>	Medium-energy impact (120 m/s or 432 km/h)
<b>T*</b>	Tested under extreme temperatures (-5°C/+55°C)

### Additional markings\*

<b>None</b>	General use
<b>3</b>	Protection against liquids (drops and splashes)
<b>4</b>	Protection against large dust particles with a grain size of > 5 µm

# Prescription safety spectacles

## New standard for safety eyewear EN ISO 16321

### EN ISO 16321 – unpacking the new standard and what it means for your prescription safety spectacles

For more than 20 years, the EN 166 standard has defined all of the requirements and standards for safety eyewear within the European Union and the United Kingdom. EN 166 is now being replaced by EN ISO 16321. The new standard contains a range of international standards that will entail some significant changes to product requirements and test methods.

**As a result, new certificates will be required for all prescription safety spectacles in accordance with EN ISO 16321.**

#### The most important changes at a glance:

- EN ISO 16321 includes EN ISO 16321-1 (general requirements; UV, sunglare and IR filters), EN ISO 16321-2 (welding protection filters).
- New test heads and coverage areas have been defined, and certification of different head sizes (S, M, L) is now also permitted.
- The certification of all prescription safety spectacles (frames/lenses) will be updated.

## Markings on lenses in accordance with EN ISO 16321

### Mechanical strength

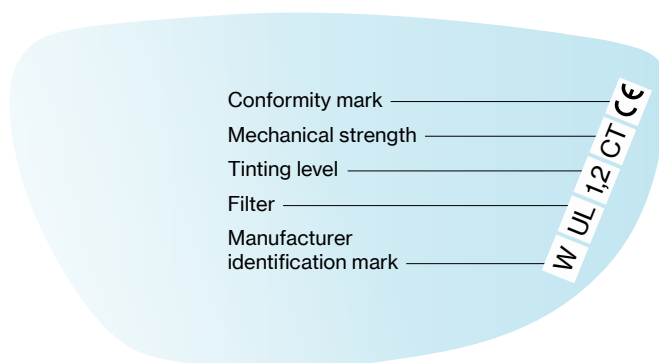
<b>None</b>	Drop ball test in accordance with EN ISO 16321 (basic requirement)
<b>C</b>	Low-energy impact (45 m/s or 162 km/h)
<b>D</b>	Medium-energy impact (80 m/s or 288 km/h)
<b>T*</b>	Tested under extreme temperatures (-5°C/+55°C)

### Tinting levels

Marking	Light transmittance	Tints
<b>UL1.2</b>	74.4–100%	Clear
<b>G1–3</b>		Self-tinting (variomatic)

### Filter

<b>U</b>	UV protection filter
<b>UL</b>	UV protection filter with colour recognition
<b>G</b>	Sunglare filter (variomatic)



## Markings on frames in accordance with EN ISO 16321

### Head sizes

<b>1-S</b>	Small, European test head
<b>1-M</b>	Medium, European test head (standard)
<b>1-L</b>	Large, European test head
<b>2-S</b>	Small, Asian test head
<b>2-M</b>	Medium, Asian test head
<b>2-L</b>	Large, Asian test head

### Mechanical strength

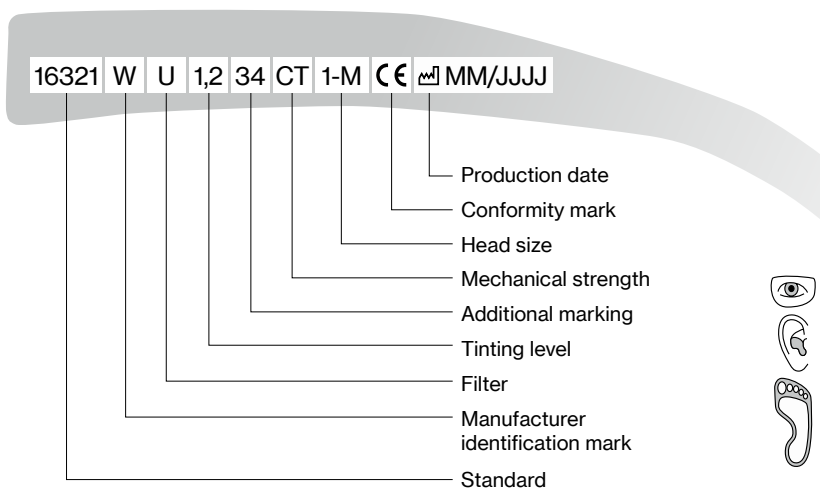
<b>None</b>	Drop ball test in accordance with EN ISO 16321 (basic requirement)
<b>C</b>	Low-energy impact (45 m/s or 162 km/h)
<b>D</b>	Medium-energy impact (80 m/s or 288 km/h)
<b>T*</b>	Tested under extreme temperatures (-5°C/+55°C)

### Additional markings\*

<b>3</b>	Protection against liquids (drops and splashes)
<b>4</b>	Protection against large dust particles with a grain size of > 5 µm

### Tinting levels

<b>U1.2</b>	Light transmittance 74.4–100%
-------------	-------------------------------



### Filter

<b>U</b>	UV protection filter
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# Prescription safety spectacles

## Focus types

### Single vision lenses

#### Single vision

- defective vision caused by long-sightedness or short-sightedness is corrected

#### Single vision HD – the ultimate in customisation!

- free-form single-vision lens
- individual parameters such as cornea vertex distance, frame wrap angle and inclination are taken into account for production purposes.
- calculation of dioptres to an accuracy of one hundredth



### Comfort lenses

- ideal for use at workstations with monitors
- comfort lenses relieve the eye when looking at objects close up and at intermediate distances thanks to their seamless correction areas
- comfort lenses are a good alternative if the prescription safety eyewear is only needed at workstations and distance vision (> 5 m distance) is not necessary.



#### Nahcomfort Standard, Nahcomfort Optima

- perfect solution for working distances between 30 cm and approx. 2 m
- the medium range of the lens surface is determined by the degression chosen and is designed for a distance of approx. 60 cm to 80 cm
- three versions are available, depending on the required reading addition (optional based on 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 is 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
Addition < 1.5 dpt.	Addition 1.5 to 2.25 dpt.	Addition > 2.25 dpt.
< 50 years	50 to 55 years	> 55 years

\*\* Degression: Correction reduced, based on the close-range value!

#### Note:

Ideal for use in VDU spectacles. About 60% of degression is active at the centring cross, so the recommended adjustment applies on the main line of sight.

#### Distanzcomfort Optima

- perfect solution for working distances between 30 cm and around 1 m, 2 m or 4 m
- by specifying the viewing distance that 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 maximum viewing distance (one, two or four meters) as well as the centering parameters (pupillary distance and specific height)
- recommended adjustment: zero line of sight, distance values and addition

#### 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 (accommodation support)
- the distance correction remains unchanged
- all that is needed to place an order the details of distance values and centring parameters (pupillary distance and specific height)
- we recommend Single Vision Relax lenses for professionals who use mobile devices (notebook, tablet, smartphone etc.) for their daily work



# Prescription safety spectacles

Focus types



## Bifocal lenses

### Bifocal

- visibly ground segment for near vision ('reading field')
- instant wearer acceptance as visible edge helps eyes to adjust
- intermediate ranges are not corrected



## Varifocal lenses

- gradual transition from distance to near vision, known as the progression zone
- the invisible progression zone also corrects intermediate distances
- clear vision at all viewing distances
- may require an initial adjustment phase

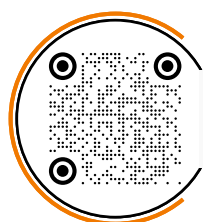
### Varifocal Optima HD – the ultimate in customisation!

- free-form varifocal lens taking into account individual parameters such as cornea vertex distance, frame wrap angle and inclination
- calculation of dioptres to an accuracy of one hundredth

## uvex RX lens consulting

### Optimal selection of products – conveniently online

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



[www.uvex-safety.com/en/uvex-rx-lens-consulting/](http://www.uvex-safety.com/en/uvex-rx-lens-consulting/)



# Prescription safety spectacles

## Lens material



### Polycarbonate

- mechanical strength 'F' (45 m/sec)
- organic material with very high breaking strength
- only partially chemical-resistant
- PC<sup>+</sup> – polycarbonate with increased centre thickness and mechanical strength 'B' (120 m/sec), especially for the uvex RX goggle
- PC and PC<sup>+</sup>: Identification code: 2C-1.2 as per EN 170

### Trivex™

- mechanical strength 'F' (45 m/sec)
- best all-round lens material
- excellent resistance to cleaning agents, oils and cosmetics and good scratch resistance
- lightweight, suitable for even higher prescription values

### CR39, modified (plastic)

- mechanical strength 'S' (ball drop test)
- lightweight organic material suitable for chemicals and painting
- good scratch resistance due to hard coating (optional)

### HI (high index)

Organic lenses with high refractive index – 1.6 or 1.67

- mechanical strength 'S' (ball drop test)
- organic material suitable for chemicals and painting
- the lens is thinner and more aesthetically pleasing

HI 1.6 recommended for a prescription > +/-4.0 dpt.

HI 1.67 recommended for a prescription > +/-6.0 dpt.

### Hard glass, modified

(crown glass, silicate, mineral glass, glass)

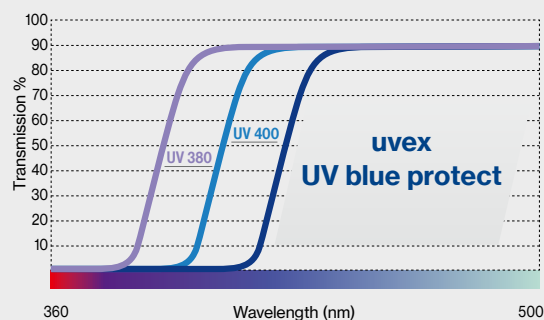
- mechanical strength 'S' (ball drop test)
- highly scratch-resistant surface suitable for working with chemicals and paints
- heavy, not recommended for prescription values greater than +/-4.0 dpt.
- spark penetration when welding or grinding

### UV blue protect

A special absorber has been added to the lens material that completely filters out UV rays and reduces the blue light content.

- 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 nm around 86%.
- uvex UV blue protect lenses enhance contrast and effectively prevent signs of fatigue and age-related macular degeneration (AMD)
- UV blue protect is optionally available for polycarbonate (PC) lenses and HI 1.67

- the mechanical strength of the lenses is guaranteed – clear lenses with UV blue protect are marked 2C-1.2 according to EN 170



# Prescription safety spectacles

## Finishes

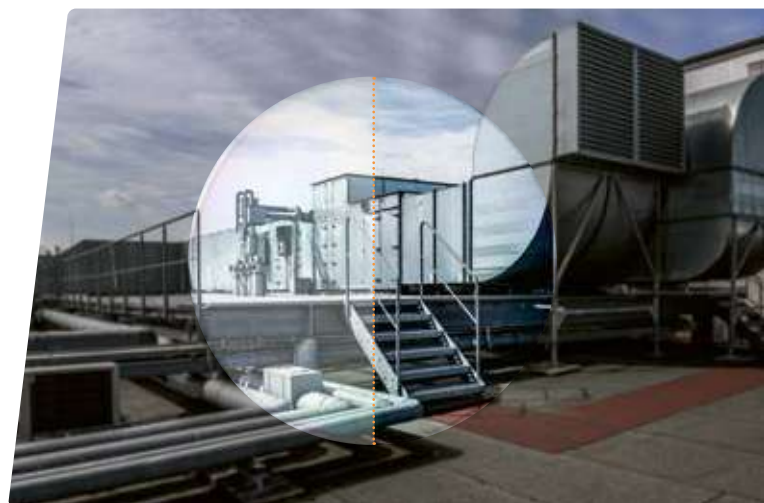
### Anti-reflective coating

Anti-reflective coating is applied to the inside and outside of lenses by means of vapour deposition. It significantly reduces reflections on the surfaces. It offers a cosmetic advantage and increases light transmission.

Two qualities are available:

- normal anti-reflective coating
- super anti-reflective coating

Normal anti-reflective coating	Super anti-reflective coating
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 $\approx 4\%$	Residual reflection $< 2\%$



### Scratch-resistant coating

To guarantee an ideal surface hardness, all our plastic lenses are given a hard coating (optional for CR 39).



### Tint

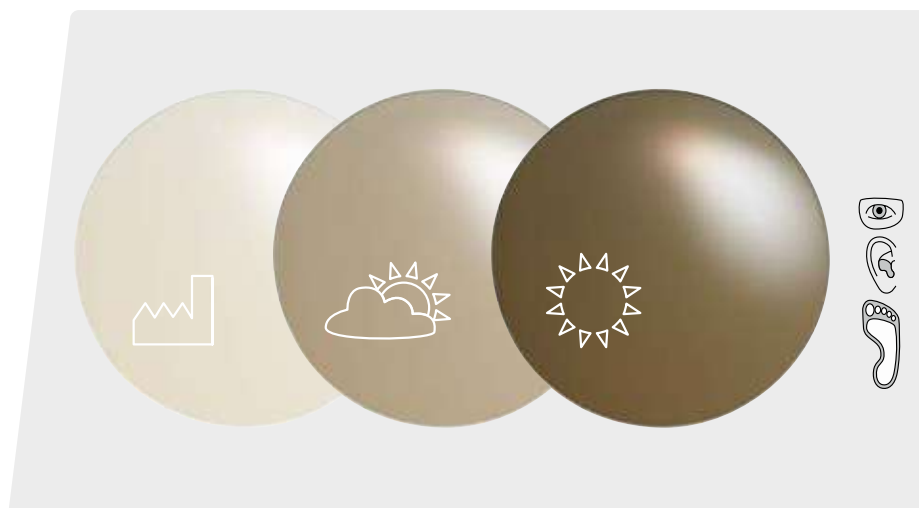
Tinted lenses provide effective protection against glare in areas with high light intensity (for example, sunlight)

#### Constant tinting

- available in brown and grey
- tinting levels: 15%, 25%, 65%, 75%

#### Variable tinting – Variomatic™

- lenses tint automatically depending on the UV radiation and temperature
- tinting of between approx. 8% and 80%, in brown
- available as prescription safety spectacles in polycarbonate and Trivex™



## VDU spectacles

Individual eye protection at the screen

**MADE FOR  
YOUR EYES**  
MADE IN **UVEX**



uvex VDU spectacles are specially designed for working at a screen, enabling problem-free vision at a computer workstation.

The special feature of VDU spectacles is the distance for which they have been optimised. Normally, the lens is designed for a viewing distance of approximately 30 cm (reading distance) to correct presbyopia. A screen is usually about 50 cm – 80 cm away from the human eye.

To be able to focus continuously at different distances, spectacle wearers are forced to adopt an unnatural head position and body posture. This can lead to a variety of posture-related symptoms, such as overexertion of the

shoulder and neck muscles, fatigue symptoms or headaches. For most people who wear reading glasses or varifocals in their everyday lives, VDU spectacles are recommended if the main activity in their job requires viewing a computer screen and safety spectacles are not mandatory in the workplace.

uvex offers different lens materials, focus types and frames for VDU spectacles. The 'Made in uvex' quality system guarantees the best design from an optical and processing technology perspective. All materials used are free from harmful substances and are regularly inspected.

### The collection

uvex offers different frames for VDU spectacles. Numerous models are available as metal, plastic or titanium frames.

#### Metal frames



#### Plastic frames



#### Titanium frames





# VDU spectacles

## Individual eye protection at the screen

### uvex as a partner for individual VDU spectacles

The position of the screen, keyboard and documents in offices is a special visual requirement. uvex offers individual solutions in the area of VDU spectacles. Decades of experience and innovative technologies form the basis for the uvex products, which are manufactured according to the

highest production standards. In addition to symptom-free vision at work, uvex also guarantees maximum comfort and quality. Employees will be happy to wear those VDU spectacles which fit perfectly and provide reliable support.

### Our service – your benefits

uvex offers maximum service with maximum flexibility. Our specialists are happy to advise you with regard to professional and flexible solutions, tailored to the individual requirements of your company.

Our wide uvex collection enables us to find VDU spectacles for each of your employees.



[www.uvex-safety.com/en/individual-ppe/digital-servicetools/](http://www.uvex-safety.com/en/individual-ppe/digital-servicetools/)



#### uvex experts:

- on-site service from qualified opticians and master opticians
- qualified advisers in uvex customer service
- comprehensive uvex optical service partner network in Germany, Austria and Switzerland, as well as in other European countries



#### uvex flexibility:

- product consultation and adaptations on request.
- appointments are also possible during the early, late or night shift
- uvex online appointment tool optimises planning



#### uvex expertise:

- decades of experience in optics and continuous development of products
- training courses/practical seminars for your employees (e.g. company doctors, occupational safety specialists)
- 'Made in uvex' quality: First-class products with an in-house value creation chain and a focus on production facilities in Germany/Europe



#### digital service tools:

- uvex RX lens consulting for the optimal product selection for your requirements
- uvex centRX, the web-based centring tool for determining the necessary centring parameters for your custom prescription VDU spectacles order

### The easy steps to your VDU spectacles

**1**

#### Scheduled appointment and consultation

Make an appointment by phone or email and get advice from uvex experts on the topic of VDU spectacles.

☎ +49 911 97361400

✉ customerservice.sbu-oh@uvex.de

**2**

#### Workplace analysis and product search

Our uvex specialists will be happy to present our uvex collection to you in person at your company, and will carry out a workplace analysis with you in order to find the optimal products for you and your employees.

**3**

#### Finished VDU spectacles

After consulting and selecting your personal product, either on-site or at one of the uvex optical service partners, the VDU spectacles will be ready for you in a timely manner.

**Please contact us for further, non-binding information.**



# VDU spectacles

## Focus types

### Posture-related symptoms?

#### The solution – uvex Nahcomfort lenses

Avoid posture-related symptoms with VDU spectacles that are individually adjusted to the wearer. Nahcomfort lenses are specially designed to suit computer-based workplaces and provide unrestricted vision at VDU workstations. The advantages are seamless, sharp vision from 30 cm to approx. 2 m. A clear view of keyboard, screen and documents with an ideal head position. This results in a marked reduction in posture-related symptoms, because the head and neck remain in a natural position.



### Nahcomfort

- the wearer's usual reading prescription is found in the lower part of the lens.
- the prescription value gradually becomes weaker further up the lens (deggression, in the upper part of the lens, vision is clear at a maximum distance of approx. 2 m). The transitions between the different zones are smooth, similar to varifocal lenses.
- all that is needed to place an order are details of the close-range values and the required design (type A, B, C).
- it is necessary to measure the specific height on the basis of the main line of sight. A minimum fitting height of 17 mm in the frame must be observed.



Type A	Type B	Type C
Deggression** 0.75 dpt	Degression** 1.25 dpt	Degression** 1.75 dpt
Addition < 1.5 dpt.	Addition 1.75 to 2.25 dpt.	Addition > 2.25 dpt.
< 50 years	50 to 55 years	> 55 years

# VDU spectacles

## Finishes

### uvex UV blue

- surface finish consisting of different layers. It includes a layer that filters short-wave visible light in the blue-violet range with increased effect.
- 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-reflection coating, a scratch-resistant coating and an easy-care layer.



### Tint

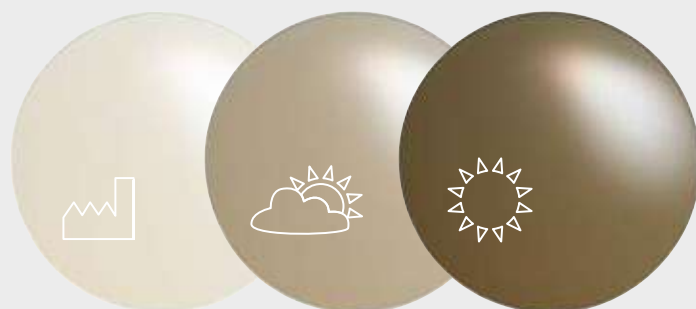
Tinted lenses provide effective protection against glare in areas with high light intensity (for example, sunlight)

#### Constant tinting

- available in brown and grey
- tinting levels: 15%, 25%, 65%, 75%

#### Variable tinting – Variomatic™

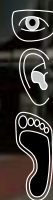
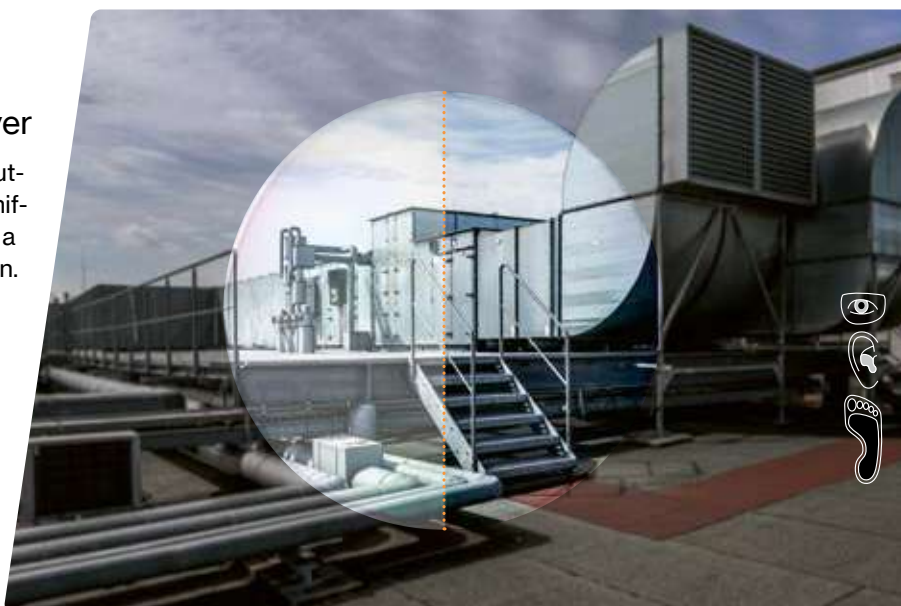
- lenses tint automatically, depending on the UV radiation and temperature
- tinting of between approx. 8% and 80% in brown or grey
- available with lens material CR 39



### Super anti-reflection incl. easy-care layer

Anti-reflective coating is applied to the inside and outside of lenses by means of vapour deposition. It significantly reduces reflections on the surfaces. It offers a cosmetic advantage and increases light transmission. The easy-care layer makes the glasses easier to clean.

- Maximum reflection reduction
- Metal oxide is applied several times to each surface
- Residual reflection < 2%



# VDU spectacles

## Metal frames

### VDU spectacles

#### Metal frames

ideal for VDU work,  
for use in workplaces where it is not  
mandatory to wear safety spectacles  
designs from classic to modern



6110062



6110063



6110064



6110065



6110066

	uvex RX 3119	uvex RX 3119	uvex RX 3120	uvex RX 3120	uvex RX 3121
<b>Art. no.</b>	6110062	6110063	6110064	6110065	6110066
<b>Ref. no.</b>	3119 6300 50/19	3119 1200 50/19	3120 1800 55/17	3120 3026 55/17	3121 1300 57/19
<b>Lens diameter</b>	50 mm	50 mm	55 mm	55 mm	57 mm
<b>Bridge width</b>	19 mm	19 mm	17 mm	17 mm	19 mm
<b>Colour</b>	rose gold, shiny	black, matt	silver, shiny	dark blue, matt	anthracite, shiny
<b>Extras</b>	Spring hinge	Spring hinge	Spring hinge	Spring hinge	Spring hinge



# VDU spectacles

Metal frames



6110050



6110067



6110056



6110068



6110069

	uvex RX 3112	uvex RX 3118	uvex RX 3122	uvex RX 3123	uvex RX 3124
<b>Art. no.</b>	6110050	6110056	6110067	6110068	6110069
<b>Ref. no.</b>	3112 1233 54/17	3118 7190 55/17	3122 7014 59/18	3123 1436 52/21	3124 1800 53/16
<b>Lens diameter</b>	54 mm	55 mm	59 mm	52 mm	53 mm
<b>Bridge width</b>	17 mm	17 mm	18 mm	21 mm	16 mm
<b>Colour</b>	black, blue	petrol, vintage	dark green, gun	gun, blue	silver
<b>Extras</b>	Spring hinge	Spring hinge	Spring hinge	Spring hinge	Spring hinge



# VDU spectacles

Plastic frames

## VDU spectacles Plastic frames

ideal for screen work,  
in workplaces where it is not man-  
datory to wear safety spectacles  
designs from classic to modern



6110073



6110075



6110074



6110076



6110077

	uvex RX 3516	uvex RX 3517	uvex RX 3518	uvex RX 3519	uvex RX 3520
<b>Art. no.</b>	6110073	6110074	6110075	6110076	6110077
<b>Ref. no.</b>	3516 1525 52/16	3517 5400 55/20	3518 1525 49/21	3519 1000 51/21	3520 5500 52/18
<b>Lens diameter</b>	52 mm	55 mm	49 mm	51 mm	52 mm
<b>Bridge width</b>	16 mm	20 mm	21 mm	21 mm	18 mm
<b>Colour</b>	grey, translucent	havanna	grey, translucent	black	brown
<b>Extras</b>	Spring hinge				Spring hinge

# VDU spectacles

Plastic frames



6110078



6110081



6110079



6110082



6110080



6110083

	uvex RX 3521	uvex RX 3522	uvex RX 3523	uvex RX 3524	uvex RX 3525	uvex RX 3526
<b>Art. no.</b>	6110078	6110079	6110080	6110081	6110082	6110083
<b>Ref. no.</b>	3521 4364 54/15	3522 5717 53/17	3523 1370 54/16	3524 1510 56/16	3525 1029 59/17	3526 2415 54/15
<b>Lens diameter</b>	54 mm	53 mm	54 mm	56 mm	59 mm	54 mm
<b>Bridge width</b>	15 mm	17 mm	16 mm	16 mm	17 mm	15 mm
<b>Colour</b>	violet, rosé	beige, light grey	anthracite, dark green	translucent-grey, black	black, transparent	dark grey
<b>Extras</b>	Spring hinge	Spring hinge		Spring hinge	Spring hinge	Spring hinge



**uvex**

## VDU spectacles

Titanium frames

### Titanium uvex RX ti

ideal for screen work,  
in workplaces where it is not man-  
datory to wear safety spectacles  
lightweight  
allergy-neutral



6110071



6110070



6110072

Art. no.	uvex RX ti 3902	uvex RX ti 3903	uvex RX ti 3904
Ref. no.	6110070	6110071	6110072
Lens diameter	3902 1830 55/18	3903 3035 49/21	3904 1900 53/17
Bridge width	55 mm	49 mm	53 mm
Colour	18 mm	21 mm	17 mm
Extras	silver, dark blue	dark blue, light blue	silver, matt
	Spring hinge		





**uvex high-fit**



# uvex high-fit hearing protection otoplastics

Customised hearing protection from uvex

**MADE FOR  
YOUR EARS**  
**MADE IN UVEX**



uvex hearing protection otoplastics are customised to fit the wearer's ear canal and provide the best possible protection in very noisy environments.

uvex high-fit hearing protection otoplastics are tested, certified and permitted for use in very noisy environments in accordance with EN 352. This hearing protection offers maximum wearer comfort over long periods thanks to its highly customised and pressure-free fit.

uvex offers a wide range of otoplastics in various materials and designs that provide different levels of insulation.

All materials used are free of hazardous substances and are tested regularly. The customised otoplastics have a service life of around five years, facilitating a commitment to sustainable retail.

## The collection

uvex high-fit otoplastics are customised to the wearer and available in various versions (material/design/filter strength), as well as detectable variants.

### uvex flex otoplastics



- flexible otoplastics hearing protection
- made of soft silicone or silicon-free thermo-plastic material
- exceptional wearer comfort thanks to the materials adapting to the user's ear canal
- available in various designs

### uvex duro otoplastics



- sturdy otoplastics hearing protection
- made of silicone-free acrylic material
- comfortable, smooth surface
- available in different designs and as active otoplastics hearing protection

### uvex otoplastics headsets



- Headset solutions for communication and telephone calls in noisy workplaces
- for connecting to uvex high-fit RS otoplastics hearing protection
- available in different versions (wired or wireless)

The classifications are defined as follows:

- S – Signal hearing in railway track superstructure construction
- V – Signal hearing in road traffic
- X – extremely linear attenuation hearing protection. Suitable for people with hearing loss and musicians.
- W – Warning signal hearing, general

- E – Signal hearing for locomotive drivers in railway operations
- E1 – Exceptionally well suited, particularly suitable for persons with impaired hearing
- E2 – Suitable

**Appropriate information can be found in the individual products**

Abbreviations:

- HC:** half-concha otoplastics
- FC:** full-concha otoplastics
- u-cut:** U-shape (material removal in the ear canal)
- RS:** real sound
- C-com:** wired headset
- B-com:** wireless headset
- B-com BM:** wireless headset with gooseneck microphone

# uvex high-fit hearing protection otoplastics

## Customised hearing protection from uvex

### uvex as a partner for customised protective equipment

Noise-induced hearing loss is one of the most common occupational illnesses, usually developing slowly and painlessly. Noise does not just affect our hearing – it also has a negative effect on the human body as a whole. With its wide range of hearing protection otoplastics, uvex offers protection with maximum comfort and quality.



**Ear moulding:** Experts from uvex visit your premises to make moulds of your employees' ears, then uvex uses these moulds to create customised hearing protection.



**Function testing:** In the prevention guideline "Use of hearing protection earmolds", the DGUV defines a professional functional test before the product is first used but at the latest after six months.

We recommend testing the products at least every three years to ensure that the otoplastics offer the required level of protection.

### Our service – your benefits

uvex offers maximum service with maximum flexibility.

Our extensive uvex otoplastics collection offers suitable hearing protection otoplastics for every employee.



#### uvex experts:

- specialists in on-site service
- qualified advisors in uvex customer service
- comprehensive uvex acoustic service partner network throughout Germany



#### uvex flexibility:

- on-site product consultation and customisation on request
- appointments for early, late or night shifts also available
- optimal planning via the uvex online appointment portal



#### uvex knowledge:

- decades of experience in acoustics and products under continuous development
- training courses/practical seminars can be provided for your employees (e.g. company doctors, occupational safety specialists)
- 'made in uvex' quality: commitment to a comprehensive quality system with a focus on production facilities in Germany/Europe

### Steps to customised hearing protection

1

#### Appointment and consultation

Make an appointment by email and receive advice from uvex experts on the topic of customised hearing protection.

✉ [high-fit@uvex.de](mailto:high-fit@uvex.de)

2

#### Workplace analysis and product identification

Our uvex specialists will be happy to present our uvex collection to you at your premises so you can find the ideal products to protect your employees.

3

#### Production of otoplastics

Once the ear moulding step has been carried out at your premises or with a uvex acoustic service partner, the otoplastics are promptly delivered and are subject to a final function test, which is typically carried out before the product is first used.



# uvex C-com · uvex B-com otoplastic headsets

## uvex high-fit otoplastic headsets

free choice of otoplastics  
design and material  
half- or full-concha  
acrylic or silicone  
linear filter element  
compatible with uvex otoplastic  
headsets



**uvex C-com otoplastics headset**  
+ headset (binaural) with  
gooseneck microphone



6177161

**uvex B-com otoplastics headset**  
+ neckband (binaural)



6177162

**uvex B-com BM otoplastics headset**  
+ neckband (binaural)  
with gooseneck  
microphone



6177163

## uvex C-com · uvex B-com · uvex B-com BM

- specially developed headset with directional microphone
- available as a wired headset with a jack connection and gooseneck microphone, or as a stereo wireless headset with or without gooseneck microphone
- ideal for telephony and communication in very noisy environments
- excellent voice and sound quality in very noisy environments
- volume can be controlled via the integrated remote control
- make hands-free phone calls in the workplace or at the wheel
- practical and secure when worn with uvex high-fit RS otoplastic hearing protection and ear hooks

Areas of application:

Workplaces with high communication requirements, musicians, telephony

	uvex C-com	uvex B-com	uvex B-com BM
<b>Art. no.</b>	6177161	6177162	6177163
<b>Standard</b>	EN 352-2;9	EN 352-2;9	EN 352-2;9
<b>Compatible with</b>	uvex high-fit flex RS, uvex high-fit duro RS		
<b>Order unit</b>	PC	PC	PC



**Individual adjustment**  
to the ear shape



**Protection against noise**  
during telephone calls



**Maximum**  
**wearer comfort**



**Communication in**  
noisy workplaces



**Hands-free**  
working



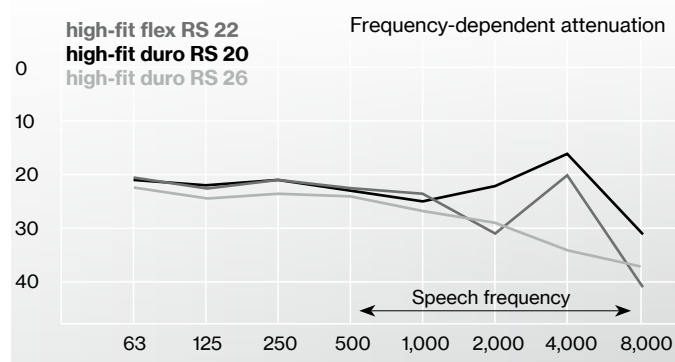
# uvex high-fit RS otoplastics



6171022

6171050  
6171056

Both half- and full-concha designs are available in silicone and acrylic



## uvex high-fit flex RS · uvex high-fit duro RS

- otoplastic hearing protection tailor-made to fit the wearer's ear canal
- new linear filter technology in different filter strengths
- optimal linear hearing protection over the entire frequency range
- available in silicone or acrylic
- available in half- or full-concha designs
- compatible with uvex communication headsets

Areas of application:

Workplaces with high communication requirements, musicians, telephony

uvex high-fit flex RS 22	HC	FC	FC detec
<b>Art. no.</b>	6171022	6171052	6171142
<b>Standard</b>	EN 352-2	EN 352-2	EN 352-2
<b>Marking</b>	S, W, X, E1	S, W, X, E1	S, W, X, E1
<b>SNR</b>	22 dB (grey)	22 dB (grey)	22 dB (grey)
<b>HML value</b>	H 21 dB; M 21 dB; L 19 dB		
<b>Colour</b>	transparent	transparent	transparent
<b>Order unit</b>	PR	PR	PR

uvex high-fit duro RS 20	HC	FC	FC detec
<b>Art. no.</b>	6171020	6171050	6171140
<b>Standard</b>	EN 352-2	EN 352-2	EN 352-2
<b>Marking</b>	S, W, X, V, E1	S, W, X, V, E1	S, W, X, V, E1
<b>SNR</b>	20 dB (black)	20 dB (black)	20 dB (black)
<b>HML value</b>	H 18 dB; M 20 dB; L 18 dB		
<b>Colour</b>	transparent	transparent	transparent
<b>Order unit</b>	PR	PR	PR

uvex high-fit duro RS 26	HC	FC	FC detec
<b>Art. no.</b>	6171026	6171056	6171146
<b>Standard</b>	EN 352-2	EN 352-2	EN 352-2
<b>Marking</b>	S, W, V, E2	S, W, V, E2	S, W, V, E2
<b>SNR</b>	26 dB (grey)	26 dB (grey)	26 dB (grey)
<b>HML value</b>	H 28 dB; M 23 dB; L 20 dB		
<b>Colour</b>	transparent	transparent	transparent
<b>Order unit</b>	PR	PR	PR

► We will be happy to change the filter element for you if and when necessary.

uvex otoplastics are made of transparent materials. They are marked left and right with an engraving for ease of fitting and also come with different coloured cord holders.

For an additional fee, we can manufacture your otoplastics in black, white, orange, purple, green, pink



uvex high-fit flex RS otoplastics are also available in red and/or blue upon request, at no extra cost



uvex

## uvex high-fit

Soft silicone otoplastics

### uvex high-fit

Soft silicone otoplastics

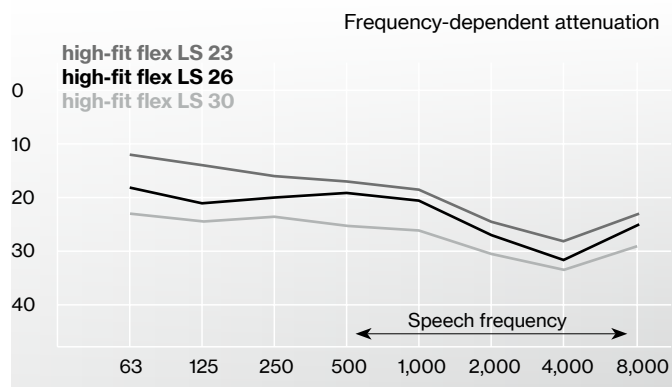
soft silicone material  
robust design with grip  
a wide range of options in  
different filter strengths  
high fit flex also available in  
detectable variant



### uvex high-fit flex LS

- otoplastic hearing protection individually adjusted to the ear canal with laser-produced stainless steel filter
- best possible protection due to the perfect fit and a high level of wearer acceptance
- high protection capacity, up to 30 dB SNR, can also be chosen
- high level of wearer comfort due to the soft silicone material
- easy handling with comfortable grip
- antibacterial nano-coating

uvex high-fit flex LS			
Art. no.	6170223	6170226	6170230
Standard	EN 352-2	EN 352-2	EN 352-2
Marking	W	S, W, V, X, E1	S, W, V, E1
SNR	23 dB (LS filter)	26 dB (LS filter)	30 dB (LS filter)
HML value	H 25 dB; M 20 dB; L 18 dB	H 27 dB; M 22 dB; L 21 dB	H 31 dB; M 27 dB; L 25 dB
Colour	transparent	transparent	transparent
Order unit	PR	PR	PR



► We will be happy to change the filter element for you if and when necessary.

uvex otoplastics are made of transparent materials. They are marked left and right with an engraving for ease of fitting and also come with different coloured cord holders.

For an additional fee, we can manufacture your otoplastics in black, white, orange, purple, green, pink



uvex high-fit flex LS otoplastics are also available in red and/or blue upon request, at no extra cost





## uvex high-fit Soft silicone otoplastics

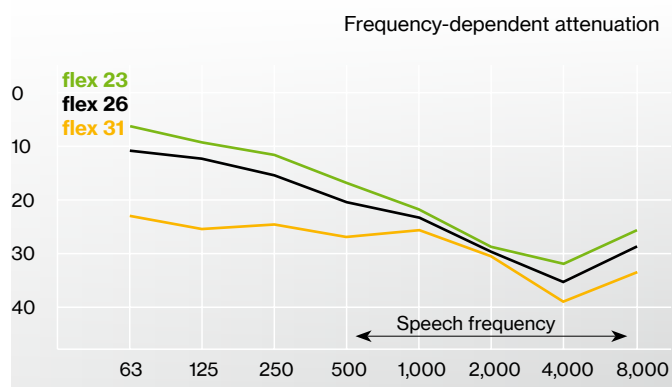


6170023  
6170026  
6170031

### uvex high-fit flex · uvex high-fit flex detec

- otoplastic hearing protection individually adjusted to the ear canal
- best possible protection due to the perfect fit and a high level of wearer acceptance
- available in different filter strengths
- high level of wearer comfort with soft silicone material
- easy handling with comfortable grip
- antibacterial nano-coating
- detectable variants with a metal ball bearing and a detectable blue cord to ensure they can be found by metal detectors.

uvex high-fit flex / detec		
Art. no.	6170023	6170026
Art. no. detec	6170423	6170426
Standard	EN 352-2	EN 352-2
Marking	-	-
SNR	23 dB (green)	26 dB (black)
HML value	H 28 dB; M 21 dB; L 15 dB	H 29 dB; M 23 dB; L 18 dB
Colour	transparent	transparent
Order unit	PR	PR



► We will be happy to change the filter element for you if and when necessary.

uvex otoplastics are made of transparent materials. They are marked left and right with an engraving for ease of fitting and also come with different coloured cord holders.

For an additional fee, we can manufacture your otoplastics in black, white, orange, purple, green, pink



uvex high-fit flex RS otoplastics are also available in red and/or blue upon request, at no extra cost



**uvex**

## uvex high-fit Silicone-free otoplastics

### uvex high-fit Silicone-free otoplastics

ideal for paint-processing industries  
silicone-free thermoplastic material  
silicone-free shape-retaining acrylic material  
high-fit duro variant also  
available as detectable variant



6170524  
6170527

### uvex high-fit temp flex

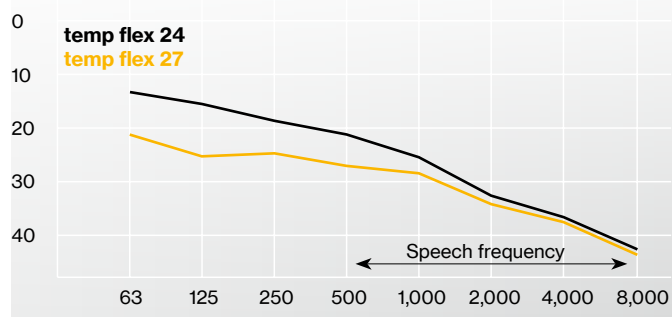
- otoplastic hearing protection individually adjusted to the ear canal
- fully silicone-free
- best possible protection due to the perfect fit and a high level of wearer acceptance
- available in different filter strengths
- easy handling with comfortable grip
- adapts perfectly to the anatomy of the wearer: on insertion, the otoplastic is dimensionally stable; the material gets softer after a few minutes due to the temperature in the ear canal

Areas of application:

- ideally suitable for the paint-processing industry

uvex high-fit temp flex		
Art. no.	6170524	6170527
Standard	EN 352-2	EN 352-2
Marking	–	S, W, E2
SNR	24 dB (black)	27 dB (yellow)
HML value	H 28 dB; M 21 dB; L 16 dB	H 30 dB; M 24 dB; L 21 dB
Colour	transparent	transparent
Order unit	PR	PR

Frequency-dependent attenuation



- We will be happy to change the filter element for you if and when necessary.

uvex otoplastics are made of transparent materials. They are marked left and right with an engraving for ease of fitting and also come with different coloured cord holders.



## uvex high-fit Silicone-free otoplastics



6170825  
6170828  
6170832

### uvex high-fit duro · uvex high-fit duro detec

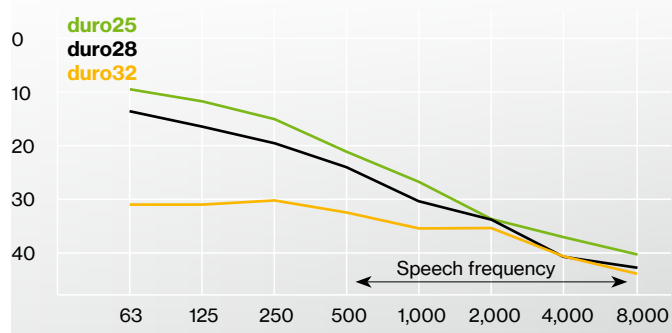
- otoplastic hearing protection individually adjusted to the ear canal made from dimensionally stable duroplast material
- fully silicone-free
- detectable variants with a metal ball bearing and a detectable blue cord to ensure they can be identified by metal detectors.
- best possible protection with perfect fit and high level of wearer acceptance
- available in different filter strengths
- smooth, even surface
- easy handling with comfortable grip
- antibacterial nano-coating

#### Areas of application:

- ideally suitable for the paint-processing industry and for areas with very fine dust
- uvex high-fit flex detec ideally suited for sectors in the food industry

uvex high-fit duro			
Art. no.	6170825	6170828	6170832
Art. no. detec	6170425	6170418	6170432
Standard	EN 352-2	EN 352-2	EN 352-2
Marking	–	–	S, W, V, E1, X
SNR	25 dB (green)	28 dB (black)	32 dB (yellow)
HML value	H 30 dB; M 22 dB; L 15 dB	H 32 dB; M 25 dB; L 19 dB	H 33 dB; M 29 dB; L 27 dB
Colour	transparent	transparent	transparent
Order unit	PR	PR	PR

Frequency-dependent attenuation



uvex otoplastics are made of transparent materials. They are marked left and right with an engraving for ease of fitting and also come with different coloured cord holders.

For an additional fee, we can manufacture your otoplastics in red and blue



# uvex high-fit Industrial otoplastics



6170840



## uvex high-fit duro active

- active otoplastic hearing protection – tailor-made to the individual's ear canal
- finely tuned and highly sensitive microphones
- best directional and ambient acoustics
- very high level of passive insulation
- outstanding high-tech amplifier technology for impulse noise
- protection in the event of a shot or bang (up to 164 dB)
- electronic limitation closes in less than 10 milliseconds
- cerumen filter system protects against moisture and sweat
- assists the wearer in situations where hearing and communication may be difficult, such as when communicating in very noisy workplaces or where early detection of quiet sounds is required

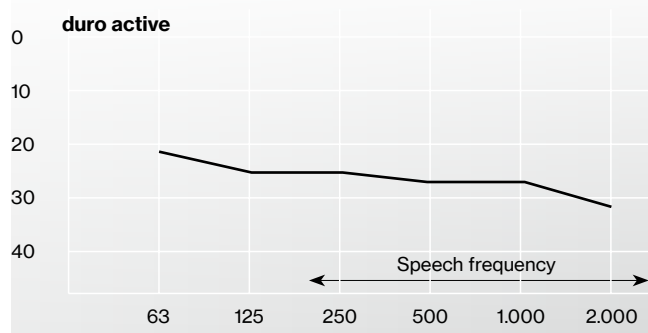
### Areas of application:

Workplaces with high communication requirements, very loud environments, employees with hearing loss or those affected by impulse sounds

uvex high-fit duro active

Art. no.	6170840
Standard	EN 352-2, EN 352-7
SNR	26 dB
Colour	black

Frequency-dependent attenuation



## Included

- active otoplastic hearing protection – tailor-made to the individual's ear canal
- hard shell case
- 1 blister pack of zinc-air batteries, size 312
- 1 blister pack of earwax filters
- uvex cleaning cloths for otoplastics
- user information



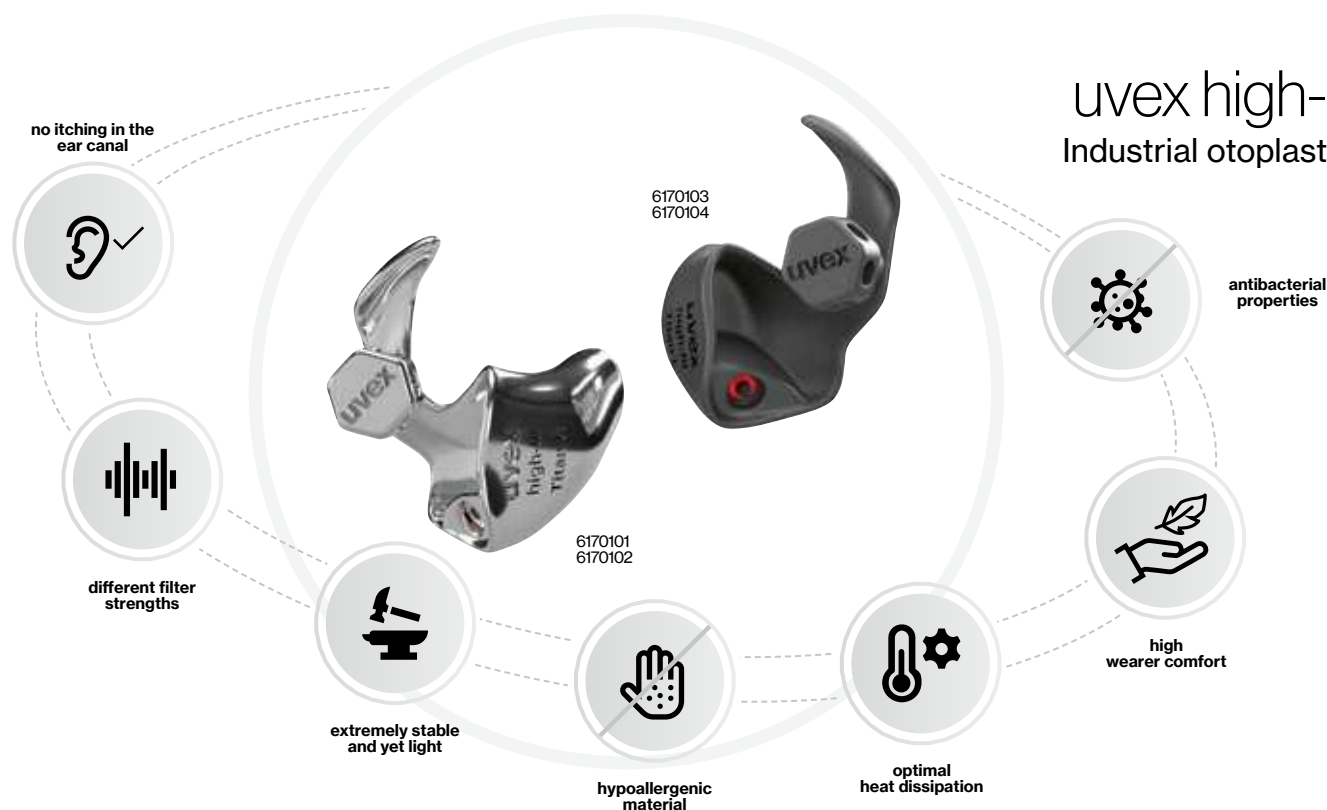
### Replacement batteries

Art. no.	6177157
Type	1 PC blister pack of 6 zinc-air batteries, type 312
Order quantity multiples	10 PC

### Replacement cerumen filters

Art. no.	6177158
Type	1 PC blister pack of 8 filters
Order quantity multiples	5 PC

## uvex high-fit Industrial otoplastics



### uvex high-fit titan

Areas of application:

- general noise levels where hearing protection is worn for long periods
- people who react strongly to the occlusion effect

uvex high-fit titan shiny		
Art. no.	6170101	6170102
Standard	EN 352-2:2020	EN 352-2:2020
SNR	23 dB	28 dB
Colour	silver, shiny	silver, shiny
Order quantity multiples	PR	PR
uvex high-fit titan matt		
Art. no.	6170103	6170104
Standard	EN 352-2:2020	EN 352-2:2020
SNR	23 dB	28 dB
Colour	anthracite, matt	anthracite, matt
Order quantity multiples	PR	PR



CO<sub>2</sub> footprint:

0.61 kg CO<sub>2</sub>e 07/2025

(6170101, 6170102, 6170103, 6170104),  
calculation method see page 372



### 3D laser technology at the highest level – precision "Made in Germany"

State-of-the-art 3D laser production guarantees maximum precision and quality. The innovative production process enables custom solutions – developed and produced completely in Germany.

- Two unique designs
- Ergonomic grip
- Matt or smooth polished surface



### Aerospace technology – titanium for ultra-light otoplastics

Titanium impresses with its high stability and low weight, which is why it is used in both aerospace and modern medicine.

- High stability and low weight
- Perfect protection thanks to different filter strengths
- Hypoallergenic & antibacterial
- Skin-friendly & biocompatible – ideal for allergy sufferers
- Perfect heat dissipation
- No itching or moist ear canals

MADE IN GERMANY

uvex high-fit  
Maximum stability and minimal weight





# uvex high-fit

Soft silicone otoplastics

## uvex high-fit

Soft silicone otoplastics

very light u-cut design  
extremely flexible and comfortable  
various designs can be selected



### uvex high-fit u-cut

- uvex high-fit u-cut in half-concha or full-concha design according to custom ear impression
- soft silicone material (dermatologically tested)
- removable otoplastics for the auditory canal offer maximum flexibility and can also compensate for strong jaw movement
- thanks to its unique design, this otoplastic is softer, lighter and more flexible in the auditory canal and on the ear concha for maximum wearer comfort
- with anti-bacterial nano-coating

#### Areas of application for u-cut HC/FC:

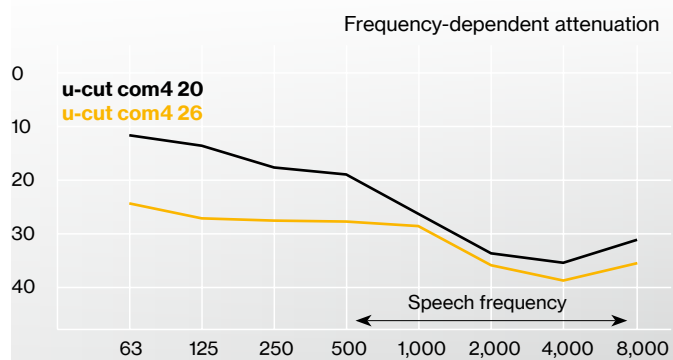
- for use in any high-temperature area and by people with pressuresensitive ears.

#### Areas of application for u-cut com4:

- sleeping, flying, shared office spaces, phone calls, concerts, work areas without designated noise areas

Please note that our u-cut com4 model with an SNR of 15 dB is not suitable or certified for use in designated noise areas.

uvex high-fit u-cut	20 HC	20 FC	26 HC	26 FC	com4		
Art. no.	6170720	6170703	6170726	6170704	6170315	6170320	6170326
Standard	EN 352-2	EN 352-2	EN 352-2	EN 352-2	EN 352-2	EN 352-2	EN 352-2
Marking	-	-	S, W, E2	S, W, E2	-	-	S, W, E2
SNR	20 dB (black)	20 dB (black)	26 dB (yellow)	26 dB (yellow)	15 dB	20 dB	26 dB
HML value	H 25 dB; M 17 dB; L 12 dB	H 25 dB; M 17 dB; L 12 dB	H 28 dB; M 23 dB; L 21 dB	H 28 dB; M 23 dB; L 21 dB	-	H 25 dB; M 17 dB; L 12 dB	H 28 dB; M 23 dB; L 21 dB
Colour	transparent	transparent	transparent	transparent	transparent	transparent	transparent
Order unit	PR	PR	PR	PR	PR	PR	PR



uvex otoplastics are made of transparent materials. They are marked left and right with an engraving for ease of fitting and also come with different coloured cord holders.

For an additional fee, we can manufacture your otoplastics in black, white, orange, purple, green, pink



uvex high-fit otoplastics are also available in red and/or blue upon request, at no extra cost





# uvex OTOCheck

Instructions for checking the function of your equipment online

uvex OTOCheck allows you to check the function of your uvex otoplastic hearing protection online in a quick and easy process. After completing the straightforward registration process, you will be able to access an overview of your otoplastics orders and view the status of your function tests using the simple traffic light system.

## Function testing:

In the prevention guideline "Use of hearing protection earmolds", the DGUV defines a professional functional test before the product is first used but at the latest after six months. We recommend testing the products at least every three years to ensure that the otoplastics offer the required level of protection.



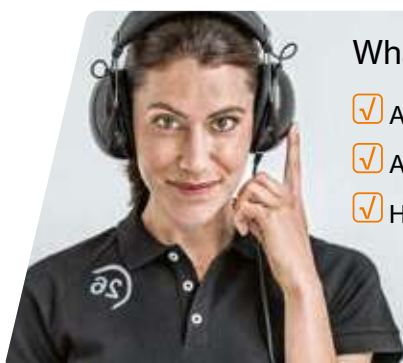
## Your benefits at a glance:

- ✓ Check the function of your equipment using a straightforward, digital process
- ✓ Simple registration
- ✓ Create multiple user profiles on one account
- ✓ Clear data management for your otoplastics orders
- ✓ Check the status of function tests that have already been completed
- ✓ Documentation of all test reports for quality assurance purposes



## What you need for uvex OTOCheck:

- ✓ A computer, tablet or laptop
- ✓ An Internet connection
- ✓ Headphones



We recommend headphones that are suitable for uvex OTOCheck (article number 6178121). Please get in touch with us and we will be happy to advise you.



uvex high-fit  
Special features



Included

uvex high-fit otoplastics are supplied in a zipped case, including textile cord, cleaning rod, cleaning cloths and user information.

Silicone otoplastics are delivered with a tube of audinell gel.

uvex clear otoplastics

- silicone-free towelettes for quick and easy cleaning of hearing protection otoplastic, suitable for all otoplastic materials
- packaging: 30 per box

uvex clear otoplastics	
Art. no.	6177116
Order unit	PC
Contents	30 towlettes per PC

uvex high-fit band

- neck handle for hearing protection otoplastics in zip-up case
- easy to attach the otoplastic to the band using colour-coded connector sleeves
- no disruptive transmission noise because the band prevents the cord rubbing on clothing
- band significantly relieves strain
- comfortable to wear around the neck during breaks

Areas of application:

- ideal for activities with frequent and/or fast head movements

Band	
Art. no.	6177112
Order unit	PC

uvex high-fit replacement kits

Detectable replacement kit for:

- uvex high-fit flex detec
- uvex high-fit duro detec

Detectable replacement kit for:

- uvex high-fit flex com detec

Fabric cord replacement kit	
Art. no.	6177156
Design	comprising 900 mm textile cord and a pair of fastening sleeves (red/blue)
Order quantity multiples	10 PC

Detectable replacement kit	
Art. no.	6177111
Design	consists of an elastic cord 800 mm (blue, detectable) and a pair of connector sleeves (blue, detectable)
Order quantity multiples	10 PC



**uvex medicare**



# MADE FOR YOUR FEET MADE IN UVEX



The customised solutions provided by uvex medicare solve foot-related medical problems in the workplace and offer individual, expertly designed orthopaedic solutions.

uvex medicare supplies orthopaedic insoles as well as orthopaedic shoe adjustments for uvex safety shoes.

The orthopaedic uvex medicare solutions are tested with uvex safety shoes and certified in accordance with DIN EN ISO 20345.

German Social Accident Insurance (DGUV) regulation 112-191 and Austrian ÖNORM Z 1259 describe that a fully certified orthopaedic solution must be used at working places. Wearing privately purchased orthopaedic insoles in safety shoes is therefore not permitted.

All of the materials uvex uses are free of hazardous substances and are tested regularly.

## The collection

### uvex orthopaedic comfortable customised inserts / uvex orthopaedic adjustments



6499911



All uvex safety shoes that are marked with the uvex medicare symbol can be fitted with uvex orthopaedic comfortable customised inserts or an orthopaedic adjustment.



The uvex medicare + logo indicates that both orthopaedic customised inserts and orthopaedic adjustments are available.



## uvex as a partner for customised protective equipment

Scientific studies prove that well over half the adult population suffers from orthopaedic problems such as flat feet, skewfoot, splayfoot or fallen arches. These conditions have an undisputed effect on the entire musculoskeletal system and physical performance.

With our orthopaedic uvex medicare solutions for uvex safety shoes and the uvex motion 3XL, we offer various orthopaedic protection solutions that are tailored to each individual employee. Maximum comfort and quality guaranteed.

## Our service – your benefits

uvex offers maximum service with maximum flexibility. Our experts are happy to advise you on professional and flexible solutions, tailored to the individual requirements of your company.



### uvex experts:

- specialists in on-site service
- qualified advisors in uvex customer service
- comprehensive uvex orthopaedics service partner network throughout Germany



### uvex flexibility:

- on-site product consultation and customisation on request
- appointments for early, late or night shifts also available
- optimal planning via the uvex online appointment portal



### uvex knowledge:

- decades of experience in orthopaedics and products under continuous development
- training courses/practical seminars can be provided for your employees (e.g. company doctors, occupational safety specialists)
- 'made in uvex' quality: commitment to a comprehensive quality system with a focus on production facilities in Germany/Europe

## Steps to orthopaedic solutions for uvex safety shoes

**1**

### Appointment and consultation

Make an appointment by email and receive advice from uvex experts.

✉ [medicare@uvex.de](mailto:medicare@uvex.de)

**2**

### Workplace analysis and product identification

Our uvex experts will be happy to introduce you to our uvex medicare programme at your premises. Each orthopaedic medicare solution is designed using a medical diagnosis and a blueprint of the foot.

Together, we can find the ideal products for you so you can protect your employees.

**3**

### Complete orthopaedic solution

Delivery is quick and easy.

**Contact us for more information with no obligation.**



Personal innersoles are not permitted in safety shoes.



## Orthopaedic solutions for uvex safety shoes

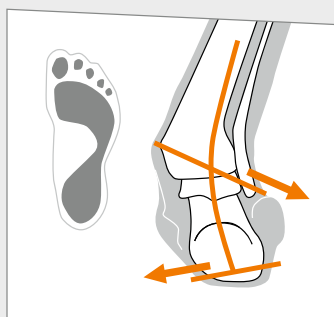
Our feet are extremely important for our daily life – after all they help us to stand and move from A to B. It is therefore particularly important to protect our feet in working life – whether that's because we're running, kneeling, working on a machine or in order to prevent an occupational accident. The protective features of safety shoes, such as ESD protection, protective caps etc., are tested and certified at regular intervals by independent test institutes in accordance with the requirements of DIN EN ISO 20345.

In order to ensure that all safety-related protective features are still guaranteed in the event of an orthopaedic change to the safety shoe, orthopaedic innersoles must only be used in combination with tested, orthopaedic materials.

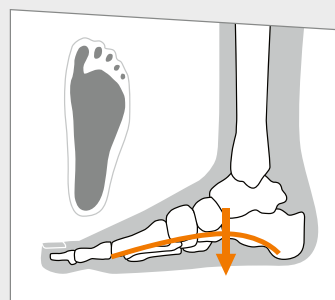
**This means that personal orthopaedic innersoles are not allowed in safety shoes. All uvex medicare products have therefore been tested and certified in combination with uvex safety shoes.**



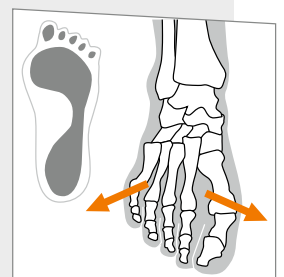
uvex medicare



Skewfoot



Flatfoot



Splayfoot

# MADE FOR YOUR FEET MADE IN UVEX



## How do I get an orthopaedic adjustment for uvex safety shoes?

uvex requires the footprint of your feet. This can be taken by our field service on site or you can use our uvex medicare footprint set – a convenient, simple and flexible way to self-record the footprint. All order details can be found on the order form in the folder.



### Instructions



1 Separate the white sheet from the clear protective film and place the film over the blueprint, making sure that there are no wrinkles.



2 Place this on a flat surface and place your foot in the middle of it, putting your full body weight onto it. Draw around the foot with a pen.



3 Peel off the transparent film and remove the blueprint. Now place the film with your footprint on the chequered backing sheet and smooth it out, ensuring that there are no creases.

Repeat the process for your other foot.



Watch our How-to video for a clear explanation of the individual steps.

Simply scan the QR code.



## uvex medicare

Comfortable customised inserts –  
Insert technology for tailor-made treatment



All products suitable for orthopaedic foot protection are indicated in this catalogue with the uvex medicare symbol.

### uvex medicare logo

Certified for orthopaedic inserts

### uvex medicare + logo

Certified for orthopaedic inserts  
and shoe adjustments



## EVA soft-foam technology

### Various Medical Concepts

Applicable – depending on classification:

- conventional orthopaedics
- sensorimotor function
- Spiraldynamik®

- supports correct biomechanical foot rolling
- does not require to be 'broken in' and high wearer comfort



### 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

### 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

Orthopaedic uvex comfort custom insole

Art. no. 6499902



# uvex medicare

## Orthopaedic shoe adjustments – Professional and discreet



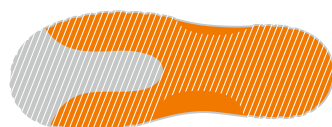
### Orthopaedic shoe adjustments



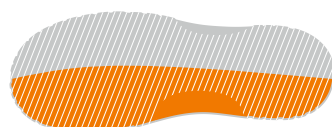
6499911



6499913



6499914



6499915

#### Shoe lift

A shoe lift is required to balance legs of different length.

A shoe lift should never exceed 3 cm.

#### 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.

#### 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.

#### 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.

#### Orthopaedic shoe adjustments

Art. no.	6499911
Design	orthopaedic shoe lift
	up to 1 cm per side

Art. no.	6499912
Design	shoe lift per additional cm
	(up to max. 3 cm) per side

Art. no.	6499913
Design	rocker sole

Art. no.	6499914
Design	butterfly roller

Art. no.	6499915
Design	external or internal edge lift

Art. no.	6499907
Design	sole stiffener (only as addition in connection with a shoe adjustment initial position)





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

## uvex academy

### Prescription safety eyewear for occupational safety

Safety eyewear forms an essential part of occupational safety, protecting the eyes from mechanical, optical and chemical hazards. To protect spectacle wearers from these risks too, as well as compensate for their visual acuity, prescription safety eyewear is a must. But what do you need to consider when purchasing and using prescription safety eyewear for the occupational safety of your employees?

Our occupational safety training course provides the basic knowledge required for the effective and cost-efficient use of prescription safety eyewear in companies. This seminar will enable participants to act as a competent contact person within their company for matters relating to prescription safety eyewear, including fitting.

#### Who is the seminar suitable for?

- Safety officers and occupational safety specialists responsible for the selection and implementation of protective measures.
- Factory managers and executives who must ensure that specified safety standards are observed within the company.
- Occupational health and safety employees who want to expand their knowledge of prescription safety eyewear.
- People working in areas with an increased risk of eye injury, such as production, construction and laboratories.
- Opticians and eye protection professionals who want to specialise in the use of prescription safety eyewear in the workplace.



For further information and to register visit  
[uvex-academy.com](http://uvex-academy.com), phone +49 911 9736-1710 or  
e-mail [academy@uvex.de](mailto:academy@uvex.de)

 **VDSI-PUNKT**  
Arbeitsschutz

 **WST**