

**uvex**



Individual PPE

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protecting people

# 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.

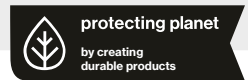
That's because standard solutions are not enough for uvex.

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.

**RX web app:**  
Digital consultation tool for prescription safety eyewear.



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



uvexsafetygroup



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uvexsafety



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Prescription safety spectacles  
and 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

### 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.**

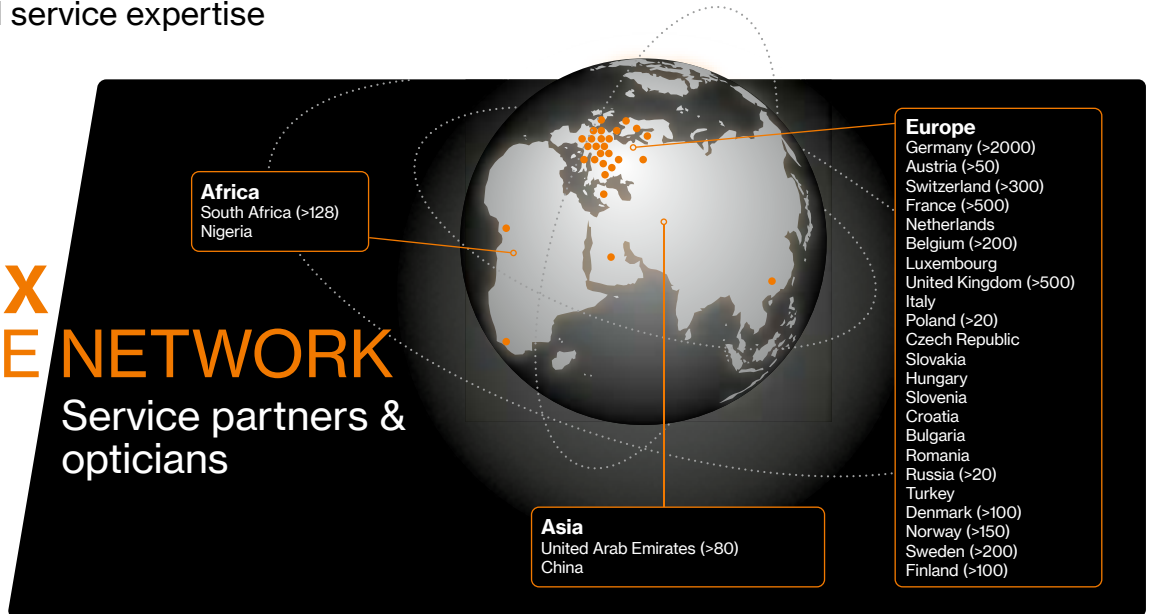


# Prescription safety spectacles

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



# uvex RX App

The virtual companion for prescription safety spectacles

## 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.

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

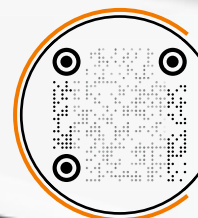
### Range of information

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



### Realistic perspective

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



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



### View everything

The uvex RX app makes product selection easier.



# Prescription safety 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 plastic frames



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

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



# Prescription safety spectacles

uvex RX bc metal frames



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	
<b>Art. no.</b>	6109114
<b>Ref. no.</b>	5109 6100 50/19
<b>Lens diameter</b>	50 mm
<b>Bridge width</b>	19 mm
<b>Colour</b>	gold
<b>Marking on frame</b>	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	
<b>Art. no.</b>	6109115
<b>Ref. no.</b>	5110 1300 55/17
<b>Lens diameter</b>	55 mm
<b>Bridge width</b>	17 mm
<b>Colour</b>	anthracite
<b>Marking on frame</b>	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	
<b>Art. no.</b>	6109116
<b>Ref. no.</b>	5111 1800 57/19
<b>Lens diameter</b>	57 mm
<b>Bridge width</b>	19 mm
<b>Colour</b>	silver
<b>Marking on frame</b>	W 166 FT CE

# Prescription safety spectacles

## uvex RX bc metal frames



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



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



### uvex RX bc 5106

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

uvex RX bc 5106		
<b>Art. no.</b>	6109108	6109109
<b>Ref. no.</b>	5106 1400 50/20	5106 1400 52/20
<b>Lens diameter</b>	50 mm	52 mm
<b>Bridge width</b>	20 mm	20 mm
<b>Colour</b>	gunmetal, matt	gunmetal, matt
<b>Marking on frame</b>	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		
<b>Art. no.</b>	6109112	6109113
<b>Ref. no.</b>	5108 3400 54/19	5108 3400 56/19
<b>Lens diameter</b>	54 mm	56 mm
<b>Bridge width</b>	19 mm	19 mm
<b>Colour</b>	steel blue	steel blue
<b>Marking on frame</b>	W 166 FT CE	W 166 FT CE



### uvex RX bc 5101

- classic design metal frame with double bridge
- side shields made of wire mesh for good air circulation
- anatomically adjustable nose pads
- arms with sprung hinges and easily adjustable earpieces

uvex RX bc 5101		
<b>Art. no.</b>	6109103	
<b>Ref. no.</b>	5101 1018 56/17	
<b>Lens diameter</b>	56 mm	
<b>Bridge width</b>	17 mm	
<b>Colour</b>	black, silver	
<b>Marking on frame</b>	W 166 FT CE	



# Prescription safety spectacles

uvex RX ti



6109400

## uvex RX ti 5900

- titanium frame with oval-shaped lenses
- transparent side shields
- frame is lightweight, allergy neutral and corrosion-resistant
- anatomically adjustable nose bridge and ear-pieces ensure an exceptional fit

uvex RX ti 5900	
<b>Art. no.</b>	6109400
<b>Ref. no.</b>	5900 1600 49/20
<b>Lens diameter</b>	49 mm
<b>Bridge width</b>	20 mm
<b>Colour</b>	titanium blue
<b>Marking on frame</b>	W 166 FT CE



6109401

## uvex RX ti 5901

- classic design titanium frame
- transparent side shields
- frame is lightweight, allergy neutral and corrosion-resistant
- anatomically adjustable nose bridge and ear-pieces ensure an exceptional fit

uvex RX ti 5901	
<b>Art. no.</b>	6109401
<b>Ref. no.</b>	5901 1600 50/20
<b>Lens diameter</b>	50 mm
<b>Bridge width</b>	20 mm
<b>Colour</b>	titanium blue
<b>Marking on frame</b>	W 166 FT CE



6109402

## uvex RX ti 5902

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

uvex RX ti 5902	
<b>Art. no.</b>	6109402
<b>Ref. no.</b>	5902 1600 52/19
<b>Lens diameter</b>	52 mm
<b>Bridge width</b>	19 mm
<b>Colour</b>	titanium blue
<b>Marking on frame</b>	W 166 FT CE

# Prescription safety spectacles

uvex RX cb



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	
<b>Art. no.</b>	6109232
<b>Ref. no.</b>	5580 3015 57/14
<b>Lens</b>	57 mm
<b>Bridge width</b>	14 mm
<b>Colour</b>	dark blue, grey
<b>Marking on frame</b>	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	
<b>Art. no.</b>	6109233
<b>Ref. no.</b>	5581 1542 58/14
<b>Lens</b>	58 mm
<b>Bridge width</b>	14 mm
<b>Colour</b>	grey, dark red
<b>Marking on frame</b>	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> - Version with expanded near vision - Ideal for workplace environments of 30 cm to approx. 2 m  <b>Distanzcomfort</b> - Calculation of the individual correction for defined distances (1 m, 2 m or 4 m)  <b>Single vision Relax</b> - To accommodate the prescription for the lower part of the lens, the prescription is increased by +0.5 of a diopter	    	<b>Nahcomfort Standard, Nahcomfort Optima</b> Versions see page 376  <b>Distanzcomfort Optima</b>  <b>Single vision Relax</b>	min. 17 mm Main line of sight  min. 17 mm Zero line of sight  min. 15 mm Zero line of sight
<b>Certified prescription range</b>			
<b>Bifocal and bifocal comfort</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> >> For bifocal comfort, see page 377	Bifocal   Bifocal Comfort 	Width of segment: 28 mm, curved	
<b>Certified prescription range</b>		Bifocal comfort (CR 39 and PC only) +4.5 to -10.0 dpt. at maximum value cyl. +/- 6.0 dpt. Add. +3.0	
<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>	        Varifocal Optima, Optima HD   Varifocal OR 	<b>Varifocal Standard</b> - Standard area for far distance and near distance - Long, narrow canal of progression  <b>Varifocal Pro Work</b> - Large area for far distance - Wide canal of progression - Optimized area for reading distance  <b>Varifocal Piccolo</b> - Suitable for flat frames - Large area for far distance and near distance - Shortened canal of progression  <b>Varifocal Top One</b> - Very comfortable, large long-distance and close-up field of vision - Wide canal of progression for added convenience - Minimal blur in peripheral vision  <b>Varifocal Optima, Optima HD, varifocal OR</b> - Individual adjusted multifocal lens of latest generation - Wide field of view for any distance - Improved design - Almost no blurred zones in periphery area >> Version HD see page 376 >> Version OR see page 377	min. 23 mm Zero line of sight  min. 20 mm Zero line of sight  min. 17 mm Zero line of sight  min. 19 mm Zero line of sight  Optima and varifocal OR min. 17 mm  Optima HD min. 16 mm (depending on the corridor length)  Zero line of sight
<b>Certified prescription range</b>		Varifocal OR (CR 39 and PC only) +4.5 to -10.0 dpt. at maximum value cyl. +/- 6.0 dpt. Add. +3.0	



- ▶ The overview shows the maximum prescription range which is approved and certified. Depending on the size of the frame and the lens material, further restrictions may apply.
- ▶ Please take into account the specifications relating to the line of sight when determining the vision point.

Material							Extras, optional					
CR 39	HI 1.6	Plastic HI 1.67	PC	Trivex	Silicate Hard glass	Normal AR	Multi AR	Super AR	UV blue protect	Tint	Variomatic brown	
■	■	■	■	■	HD not available	■	■	■	■	■	■	
	incl. hard coating 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 single vision	only single vision, not for hard glass	■		only HI 1.67 or PC	only Polycarbonate or Trivex	
+10.0 to -10.0 dpt. at maximum value cyl. ± 8.0 dpt.	+12.0 to -13.0 dpt. at maximum value cyl. ± 8.0 dpt.	+13.0 to -14.5 dpt. at maximum value cyl. ± 8.0 dpt.	+9.5 to -12.0 dpt. at maximum value cyl. ± 8.0 dpt.	+8.0 to -11.0 dpt. at maximum value cyl. ± 7.0 dpt.	+7.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt.						+7.5 to -8.5 dpt. at maximum value cyl. ± 6.0 dpt.	
Standard/ Optima	only Optima	only Optima	Standard/ Optima	only Optima	–	■	not for hard glass	■		only HI 1.67 or PC	–	
■	■	■	■	■	–	■	not for hard glass	■		only HI 1.67 or PC	–	
■	■	■	■	■	–	■	not for hard glass	■		only HI 1.67 or PC	–	
+9.0 to -7.5 dpt. at maximum value cyl. ± 6.0 dpt.	+8.0 to -8.0 dpt. at maximum value cyl. ± 6.0 dpt.	+9.0 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt.	+9.0 to -6.0 dpt. at maximum value cyl. ± 6.0 dpt.	+7.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt.	+6.0 to -4.5 dpt. at maximum value cyl. ± 4.0 dpt.							
■	Bifocal only	–	■	–	Bifocal only	■	not for hard glass	■		–	■	
+7.0 to -8.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+8.5 to -10.5 dpt. at maximum value cyl. ± 8.0 dpt. Add. +3.0		+10.0 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0		+6.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt. Add. +3.0							
■	■	■	■	–	■	■	not for hard glass	■		–	■	
■	■	■	■	■	■	■	not for hard glass	■		only HI 1.67 or PC	only Polycarbonate or Trivex	
■	■	■	■	–	■	■	–	■		–	■	
■	■	■	■	–	■	■	not for hard glass	■		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 Optima not for hard glass	■		only HI 1.67 or PC	only Polycarbonate or Trivex	
+6.0 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+9.5 to -12.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+10.0 to -12.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+9.5 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+6.0 to -13.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+6.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt. Add. +3.0						+7.5 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	



# Prescription safety spectacles

uvex RX cd



6109249\*



Reflective uvex logo

## 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

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



6109225\*



6109226\*

## 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		
<b>Art. no.</b>	6109225*	6109226*
<b>Ref. no.</b>	5514 1033 53/18	5514 1045 55/18
<b>Lens diameter</b>	53 mm	55 mm
<b>Bridge width</b>	18 mm	18 mm
<b>Colour</b>	black, blue	black, red
<b>Marking on frame</b>	W 166 F CE	W 166 F CE

► Please note the glazing options for uvex RX cd on pages 366/367

# Prescription safety spectacles

uvex RX cd



6109234\*



6109230\*



6109231\*

## uvex RX cd 5518

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

uvex RX cd 5518			
<b>Art. no.</b>	6109230*	6109231*	6109234*
<b>Ref. no.</b>	5518 1341 54/22	5518 5074 54/22	5518 1333 54/22
<b>Lens diameter</b>	54 mm	54 mm	54 mm
<b>Bridge width</b>	22 mm	22 mm	22 mm
<b>Colour</b>	anthracite, red	dark brown, green	anthracite, blue
<b>Marking on frame</b>	W 166 F CE	W 166 F CE	W 166 F CE

► Please note the glazing options for uvex RX cd on pages 366/367



6109236\*



6109246\*

## uvex RX cd 5520

- contemporary plastic frame in stylish colours
- good fit thanks to anatomically shaped nose bridge
- translucent lens frame for an unobstructed field of view
- uvex Comfort Sliders allow the side arm length and inclination to be adjusted for a customised fit
- the spectacles can also be worn without uvex Comfort Sliders
- completely metal-free

uvex RX cd 5520		
<b>Art. no.</b>	6109236*	6109246*
<b>Ref. no.</b>	5520 1333 54/18	5520 1344 54/18
<b>Lens diameter</b>	54 mm	54 mm
<b>Bridge width</b>	18 mm	18 mm
<b>Colour</b>	anthracite, blue	anthracite, pink
<b>Marking on frame</b>	W 166 F CE	W 166 F CE

► Please note the glazing options for uvex RX cd on pages 366/367



Accessories for uvex x-fit pro non-prescription safety spectacles are compatible with uvex RX cd 5520 and can be purchased from the uvex online shop.

<https://www.uvex-safety-shop.de/home>

**uvex Comfort Slider**  
**Art. no.** 9958024  
**Order unit** 1 PC  
**Contents** 5 pairs

**uvex mini LED light**  
**Art. no.** 9999100  
**Order unit** 1 PC

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

\* These frames fulfil the requirements regarding field of vision (7.1.1) and side protection (7.2.8) in accordance with EN 166:2002 based on Asian headform 2M, as defined in DIS ISO 18526-4:2018.



# Prescription safety spectacles

uvex RX cd



6109250

## 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

uvex RX cd 5522	
<b>Art. no.</b>	6109250
<b>Ref. no.</b>	5522 2533 58/15
<b>Lens diameter</b>	58 mm
<b>Bridge width</b>	15 mm
<b>Colour</b>	translucent grey, blue
<b>Marking on frame</b>	W 166 F CE

► Please note the glazing options for uvex RX cd on pages 366/367

## uvex RX cd 5522 accessories



6118012



6109250 assembled with uvex tight-fit-kit 6118012

## 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

uvex RX cd 5522 tight-fit-kit	
<b>Art. no.</b>	6118012
<b>Colour</b>	black, anthracite
<b>Seal marking</b>	W 166 3F CE
<b>Compatible with</b>	6109250
<b>Order unit</b>	PC

# Prescription safety spectacles

uvex RX cd



6109227



6109228\*



6109229\*

## uvex RX cd 5515

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

uvex RX cd 5515			
<b>Art. no.</b>	6109227	6109228*	6109229*
<b>Ref. no.</b>	5515 1347 51/17	5515 1371 53/17	5515 1342 57/17
<b>Lens diameter</b>	51 mm	53 mm	57 mm
<b>Bridge width</b>	17 mm	17 mm	17 mm
<b>Colour</b>	anthracite, coral	anthracite, petrol	anthracite, dark red
<b>Marking on frame</b>	W 166 F CE	W 166 F CE	W 166 F CE

► Please note the glazing options for uvex RX cd on pages 366/367



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

► Please note the glazing options for uvex RX cd on pages 366/367



6118000  
6118001



uvex RX cd 5505 with uvex RX cd seal

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



# Prescription safety spectacles

uvex RX cd 5505 flip-up – special versions



6109237  
6109238

## uvex RX cd 5505 flip-up, didymium

- flip-up incl. non-prescription didymium lenses
- didymium lenses are special filters with a high absorption rate of 589 nm
- they filter bright yellow sodium flare
- lightweight polycarbonate filter with high mechanical strength
- level of protection 2-2 in accordance with EN 170, mech. strength F in accordance with EN 166
- **Note:** Didymium lenses do not provide increased protection against infrared radiation (IR)

uvex RX cd 5505 flip-up, didymium		
<b>Art. no.</b>	6109237	6109238
<b>Ref. no.</b>	5505 9910 55/19	5505 9910 57/19
<b>Lens diameter</b>	55 mm	57 mm
<b>Bridge width</b>	19 mm	19 mm
<b>Colour</b>	crystal matt, green	crystal matt, green
<b>Features: flip-up</b>		
<b>Lenses</b>	violet PC, didymium	violet PC, didymium
<b>Lens marking</b>	2-2 W 1 F CE	2-2 W 1 F CE
<b>Marking on frame</b>	W 166 F CE	W 166 F CE



6109247  
6109248

## RX cd 5505 flip-up Didymium plan PC SAR

- plastic frame with flip-up for users who do not require a prescription
- main frame including non-prescription polycarbonate lenses with super anti-reflective coating
- flip-up including non-prescription didymium lenses to filter bright yellow sodium flare (589 nm)

uvex RX cd 5505 flip-up Didymium plan PC SAR		
<b>Art. no.</b>	6109247	6109248
<b>Ref. no.</b>	5505 9051 55/19	5505 9051 57/19
<b>Lens diameter</b>	55 mm	57 mm
<b>Bridge width</b>	19 mm	19 mm
<b>Colour</b>	crystal matt, green	crystal matt, green
<b>Main frame lens</b>	PC transparent, SET	PC transparent, SET
<b>Lens marking</b>	W 1 FT CE	W 1 FT CE
<b>Features: flip-up</b>		
<b>Lenses</b>	violet PC, didymium	violet PC, didymium
<b>Lens marking</b>	2-2 W 1 F CE	2-2 W 1 F CE
<b>Marking on frame</b>	W 166 F CE	W 166 F CE



6109241  
6109242

## uvex RX cd 5505 flip-up, X-ray protection

- flip-up incl. non-prescription mineral lenses that provide X-ray protection
- the lead equivalent of the protective lenses is 0.75
- protective X-ray lenses are not tested and marked in accordance with EN 166

uvex RX cd 5505 flip-up, X-ray protection		
<b>Art. no.</b>	6109241	6109242
<b>Ref. no.</b>	5505 9975 55/19	5505 9975 57/19
<b>Lens diameter</b>	55 mm	57 mm
<b>Bridge width</b>	19 mm	19 mm
<b>Colour</b>	crystal matt, green	crystal matt, green
<b>Features: flip-up</b>		
<b>Lenses</b>	Leaded mineral glass	Leaded mineral glass
<b>Lens marking</b>	Pbeq 0.75	Pbeq 0.75
<b>Marking on frame</b>	W 166 F CE	W 166 F CE

# Prescription safety spectacles

uvex RX cd 5505 flip-up – special versions



6109243  
6109244

## uvex RX cd 5505 flip-up, CBR65

- flip-up incl. non-prescription CBR65 lenses
- high-contrast, fatigue-free vision
- in workplaces with extremely harsh lighting conditions, blue light is reduced by up to 50%
- slight tint for LED lights, computers and other visual display screens that produce bright, harsh unnatural light with high blue content, or for those working outdoors

uvex RX cd 5505 flip-up, CBR65		
<b>Art. no.</b>	6109243	6109244
<b>Ref. no.</b>	5505 9965 55/19	5505 9965 57/19
<b>Lens diameter</b>	55 mm	57 mm
<b>Bridge width</b>	19 mm	19 mm
<b>Colour</b>	crystal matt, green	crystal matt, green
<b>Features: flip-up</b>		
<b>Lens</b>	PC CBR65	PC CBR65
<b>Lens marking</b>	5-1.4 W 1 FK CE	5-1.4 W 1 FK CE
<b>Marking on frame</b>	W 166 F CE	W 166 F CE



6109239  
6109240

## uvex RX cd 5505 flip-up, polarising filter

- flip-up incl. non-prescription lenses with polarising filter
- polarising filters only let in radiation from one vibration direction – scattered radiation (e.g. reflection on the surface of water) is suppressed
- particularly suitable for workplaces with a high risk of glare (e.g. offshore, maritime environment, construction industry) and/or highly reflective surfaces
- level of protection 5-3:1 in accordance with EN 172, mech. strength F in accordance with EN 166

uvex RX cd 5505 flip-up, polarising filter		
<b>Art. no.</b>	6109239	6109240
<b>Ref. no.</b>	5505 9911 55/19	5505 9911 57/19
<b>Lens diameter</b>	55 mm	57 mm
<b>Bridge width</b>	19 mm	19 mm
<b>Colour</b>	crystal matt, green	crystal matt, green
<b>Features: flip-up</b>		
<b>Lens</b>	grey PC, polarising	grey PC, polarising
<b>Lens marking</b>	5-3:1 W 1 F CE	5-3:1 W 1 F CE
<b>Marking on frame</b>	W 166 F CE	W 166 F CE



6109218  
6109235

## uvex RX cd 5505 flip-up welding protection



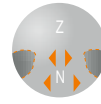
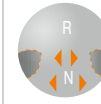

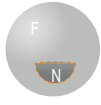

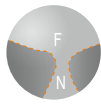
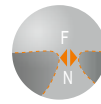
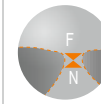

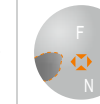

- flip-up with welding protection lenses, non-prescription
- level of protection 5 (welding), suitable for autogenous welding
- new filter technology with grey-tinted lenses provides reliable protection against UV and infrared radiation as well as ensuring perfect colour recognition
- **Note:** welding protection lenses do not provide sufficient protection against laser beams!
- level of protection 5 in accordance with EN 169 (welding), mech. strength F in accordance with EN 166

uvex RX cd 5505 flip-up welding protection		
<b>Art. no.</b>	6109218	6109235
<b>Ref. no.</b>	5505 9905 55/19	5505 9905 57/19
<b>Lens</b>	55 mm	57 mm
<b>Bridge width</b>	19 mm	19 mm
<b>Colour</b>	black, green	black, green
<b>Features: flip-up</b>		
<b>Lens</b>	PC grey, welding protection 5 uvex infraradur plus	PC grey, welding protection 5 uvex infraradur plus
<b>Lens marking</b>	5 W1 FTK CE	5 W1 FTK CE
<b>Marking on frame</b>	W 166 F CE	W 166 F CE



# 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
<b>Description</b>			Specific height Box measure
<b>Single vision</b>			
		Single vision, Single vision HD	Single vision HD min. centre of lens Main line of sight
<b>Prescription range</b>			
<b>Comfort lenses</b>			
			
Nahcomfort Standard	Nahcomfort Optima	Distanzcomfort Optima	Single vision Relax
		<b>Nahcomfort Standard, Nahcomfort Optima</b> Versions see page 376	min. 17 mm Main line of sight
		<b>Distanzcomfort Optima</b>	min. 17 mm Zero line of sight
		<b>Single vision Relax</b>	min. 15 mm Zero line of sight
<b>Prescription range</b>			
<b>Bifocals</b>			
			
Bifocal	Bifocal Comfort		
		Width of segment: 28 mm, curved	
<b>Prescription range</b>		Bifocal Comfort (CR 39 and PC only) +4,5 bis -6,0 dpt. at maximum value cyl. +/- 6,0 dpt. Add. +3,0	
<b>Varifocals</b>			
			
Varifocal Standard	Varifocal Pro Work	Varifocal Piccolo	Varifocal Top One
			
		Varifocal Optima Varifocal Optima HD	Varifocal OR
		<b>Varifocal Standard</b>	min. 23 mm Zero line of sight
		<b>Varifocal Pro Work</b>	min. 20 mm Zero line of sight
		<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
		<b>Varifocal OR</b>	min. 17 mm Zero line of sight
<b>Prescription range</b>		Varifocal OR (CR 39 and PC only) +4,5 bis -6,0 dpt. at maximum value cyl. +/- 6,0 dpt. Add. +3,0	



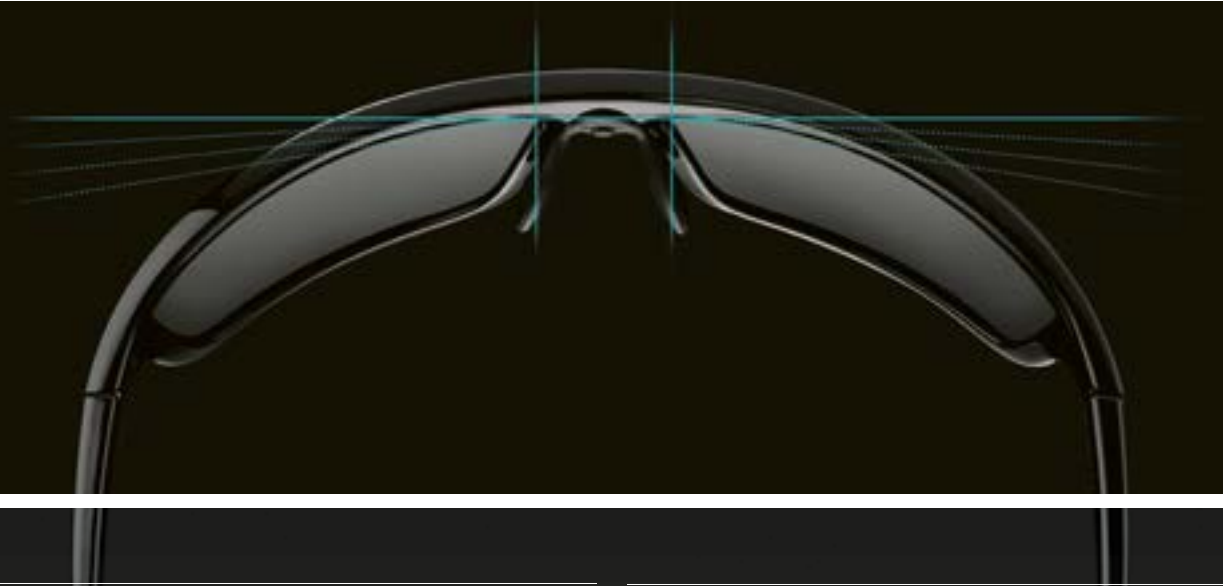
► In order to ensure optimum vision, uvex compensate the values in accordance to the frame wrap angle (FWA).  
The overview below provides information on the lens options for uvex RX cd frames.  
Please also ensure the frame fits correctly.

► 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	HI 1.67	PC	Trivex	Normal AR	Multi 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 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 Optima	■	only, HI 1.67 or PC	■	only Polycarbonate or Trivex
	■	—	—	■	—	■	■	■	—	■	—
	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.						+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.



uvex RX sp  
Lifestyle at work



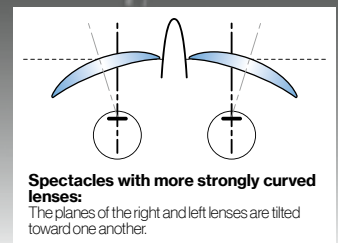
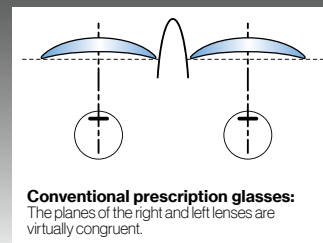
**uvex RX sp frames**

Make a statement with the uvex RX sp collection which stands out due to its sporty design and appealing frame colour combinations . All protection functions are fully integrated into the frame design requiring no separate side guards which is commonly the case with conventional protective spectacles.

The wraparound design offers the perfect fit and maximum protection thanks to its wide side arms and curvature of the lens. As with all uvex models, only the highest quality plastics are used in its protection.

**uvex anatomic sport lens**

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.



**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 372/373

# Prescription safety spectacles

uvex RX sp



6109222

## uvex RX sp 5513

- sporty, plastic “wraparound” design with large lenses and anatomic sport glazing
- side shield and integrated brow guard frame design
- good fit due to 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 5513	
<b>Art. no.</b>	6109222
<b>Ref. no.</b>	5513 1577 62/16
<b>Lens diameter</b>	62 mm
<b>Bridge width</b>	16 mm
<b>Colour</b>	grey, light green
<b>Marking on frame</b>	W 166 F CE

► Please note the glazing options for uvex RX sp on pages 372/373



6109220

## uvex RX sp 5512

- sporty, plastic “wraparound” design with curved lenses and anatomic sport glazing
- uvex tight-fit-kit consisting of headband and foam material available
- side shield and integrated brow guard frame design
- the arms can be replaced with a headband for a more secure fit when working in extreme conditions
- the foam material guarantees a close and firm fit.
- very good fit with anatomically adjustable, soft nose bridge
- sporty side arms with a combination of soft and hard components ensure increased comfort and non-slip fit

Applications in combination with the tight-fit-kit:

- working in extreme situations, such as overhead or in confined spaces
- working with fluids (drops) or chips and dust
- complies with EN 166 “Protection against liquid droplets and splashes” (category “3”)



6109221

uvex RX sp 5512		
<b>Art. no.</b>	6109220	6109221
<b>Ref. no.</b>	5512 5573 65/16	5512 1348 65/16
<b>Lens diameter</b>	65 mm	65 mm
<b>Bridge width</b>	16 mm	16 mm
<b>Colour</b>	brown, olive	anthracite, orange
<b>Marking on frame</b>	W 166 F CE	W 166 F CE

uvex RX sp 5512 tight-fit-kit		
<b>Art. no.</b>	6118004	6118005
<b>Colour</b>	brown, olive	anthracite, orange
<b>Order unit</b>	PC	PC
<b>tight-fit-kit marking</b>	W 166 3 F CE	W 166 3 F CE

► Please note the glazing options for uvex RX sp on pages 372/373



6118004



6109220 assembled with uvex RX sp 5512 tight-fit-kit 6118004



6118005



6109221 assembled with uvex RX sp 5512 tight-fit-kit 6118005



# Prescription safety spectacles

uvex RX cf



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 366/367



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 366/367

uvex RX cf 9501  
goggle with direct prescription lenses



**Recommended use/glazing**

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

**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 372/373



**Direct prescription lenses**

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



**Sophisticated ventilation**

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



**Flexible headband clip**




















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



For further information on lens materials and models, information can be found on pages 374 - 380

# 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	
	<b>Single vision</b> 	<b>for uvex RX sp 5510:</b> Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Single vision Single vision HD	Main line of sight	
	<b>Comfort lenses</b>    Nahcomfort Optima    Distanzcomfort Optima    Single vision Relax	<b>for uvex RX sp 5510:</b> Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Nahcomfort Optima Distanzcomfort Optima Single vision Relax	min. 17 mm Main line of sight min. 17 mm Zero line of sight min. 15 mm Zero line of sight	
	<b>Varifocals</b>   Varifocal Pro Work    Varifocal Optima Varifocal Optima HD	<b>for uvex RX sp 5510:</b> Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Varifocal Pro Work Varifocal Optima Varifocal Optima HD	min. 20 mm Zero line of sight min. 17 mm Zero line of sight min. 16 mm Zero line of sight	
	<b>Prescription range</b>				
	<b>uvex RX sp 5512 · uvex RX sp 5513</b>				
	 	<b>Single vision</b> 	Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Single vision Single vision HD	Main line of sight
		<b>Comfort lenses</b>    Nahcomfort Optima    Distanzcomfort Optima    Single vision Relax	Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Nahcomfort Optima Distanzcomfort Optima Single vision Relax	min. 17 mm Main line of sight min. 17 mm Zero line of sight min. 15 mm Zero line of sight
		<b>Varifocals</b>   Varifocal Pro Work    Varifocal Optima Varifocal Optima HD	Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Varifocal Pro Work Varifocal Optima Varifocal Optima HD	min. 20 mm Zero line of sight min. 17 mm Zero line of sight min. 16 mm Zero line of sight
		<b>Prescription range</b>			
		<b>uvex RX cf 9501</b>			
<b>Description</b>		<b>Important note</b>	<b>Lens type</b>	<b>Parameter for centering of the lenses</b>	
	<b>Single vision</b> 	When using PC or PC+ Minimum PD ≥ 32.0 mm When using Trivex Minimum PD ≥ 34.0 mm	Single vision Single vision HD	Main line of sight	
	<b>Varifocals</b>   Varifocal Pro Work    Varifocal Optima Varifocal Optima HD	When using PC or PC+ Minimum PD ≥ 32.0 mm When using Trivex Minimum PD ≥ 34.0 mm	Varifocal Pro Work Varifocal Optima Varifocal Optima HD	min. 20 mm Zero line of sight min. 17 mm Zero line of sight min. 16 mm Zero line of sight	
	<b>Prescription range</b>				

- ▶ In order to ensure optimum vision, uvex only uses the special uvex anatomic sport glazing. The overview below provides information on the lens options for uvex RX sp frames and uvex RX goggle. Please also ensure the frame fits correctly.
- ▶ Please take into account the specifications relating to the line of sight when determining the vision point.

Material						Extras, optional					
CR 39	HI 1.6	Plastic HI 1.67	PC	Trivex	Normal AR	Multi AR	Super AR	UV blue protect	Tint	Variomatic brown	
■	■	■	■	■	■	■	■	■	■	■	
	incl. hard coating 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.	
■	■	■	■	■	■	■	■	■	■	■	
	incl. hard coating	incl. hard coating only available with SAR	incl. hard coating	incl. hard coating				only HI 1.67 or PC		only Polycarbonate or Trivex	
■	■	■	■	—	■	■	■	only HI 1.67 or PC	—	—	
■	■	■	■	—	■	■	■	only HI 1.67 or PC	—	—	
■	■	■	■	—	■	■	■	only HI 1.67 or PC	—	—	
■	■	■	■	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex	
■	■	■	■	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex	
■	■	■	■	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex	
+ 3.5 to - 3.5 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.5 to - 3.5 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.5 to - 3.5 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.5 to - 3.5 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.5 to - 3.5 dpt. at maximum value cyl. ±2.0 dpt.						+ 3.5 to - 3.5 dpt. at maximum value cyl. ±2.0 dpt.	
Material						Extras, optional					
CR 39	HI 1.6	Plastic HI 1.67	PC/PC <sup>+</sup>	Trivex	Normal AR	Multi AR	Super AR	UV blue protect	Tint	Variomatic brown	
—	—	—	■	■	■	■	■	■	■	■	
	incl. hard coating 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 Polycarbonate or Trivex	
—	—	—	■	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex	
—	—	—	■	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex	
			+ 3.5 to - 3.50 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.5 to - 3.50 dpt. at maximum value cyl. ±2.0 dpt.						+ 3.5 to - 3.5 dpt. at maximum value cyl. ±2.0 dpt.	



# Prescription safety spectacles

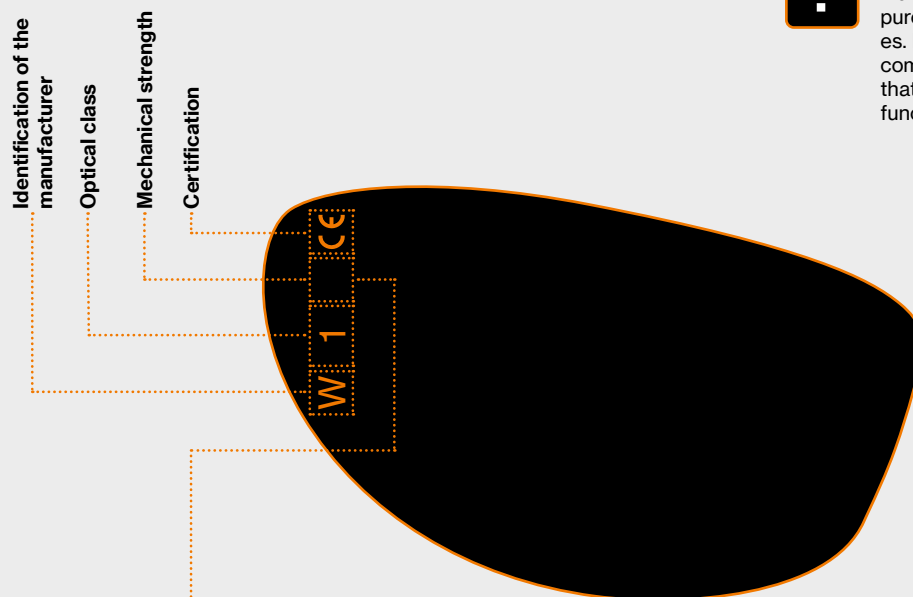
## Certification and marking

### Certification

Individually manufactured uvex prescription safety spectacles are tested and certified by independent testing institutes at regular intervals according to the requirements of EN 166.



### Marking of lenses in accordance with EN 166



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

- S** **Increased robustness:** Ball bearing drop test, Dropping a ball bearing (44 g) against the lens from a height of 1.30 m
- F** **Impact-resistant, low energy:** Firing a ball bearing (0.88 g) against the lens, impact speed 45 m/s (±162 km/h)
- B** **Impact-resistant, medium energy:** Firing a ball bearing (0.88 g) against the lens, impact speed 120 m/s (±432 km/h)
- T** Optional requirements in accordance with EN 166 (extract): **Tested in extreme temperatures (-5°C, +55°C)**, this marking is always in combination with mechanical strength (for example, FT)



# Prescription safety spectacles

## Certification and marking

### 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



Marking in accordance with EN 166 on the lens and inside of the frame

### Marking of the frame in accordance with EN 166

Identification of the manufacturer	Number of the EN standard	Field(s) of use	Mechanical strength	Certification
W	166	3	S	CE
Additional requirements in accordance with EN 166 (extract):		<b>Resistance to liquids</b> (droplets, spray)		<b>Increased robustness:</b> Ball bearing drop test, Dropping a ball bearing (44 g) against the frame from a height of 1.30 m
Additional requirements in accordance with EN 166 (extract):		<b>Resistance to coarse dust</b> (grain size > 5 µm)		<b>Impact-resistant, low energy:</b> Firing a ball bearing (0.88 g) against the frame, impact speed 45 m/s (±162 km/h)
No number = <b>general use:</b> Non-specific mechanical risks, risks due to UV and/or visible IR radiation		<b>B</b>		<b>Impact-resistant, medium energy:</b> Firing a ball bearing (0.88 g) against the frame, impact speed 120 m/s (±432 km/h)
		<b>T</b>		Optional requirements in accordance with EN 166 (extract): <b>tested in extreme temperatures (-5°C, +55°C)</b> , this labelling is always in combination with mechanical strength (for example, FT)



# 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

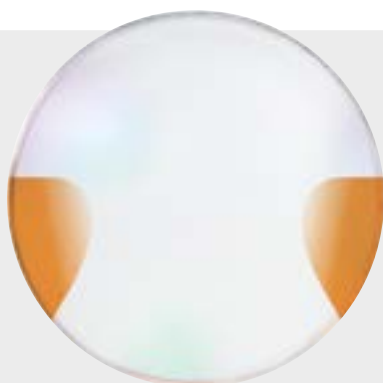
#### Bifocal

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



#### Bifocal Comfort

- free-form bifocal lens with a rounded, blended near-vision area for a more aesthetic appearance
- instant wearer acceptance due to soft transition to the near-vision area
- handled in the same way as conventional bifocal lenses
- 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



#### Varifocal OR

- free-form varifocal lens with a blended near-vision area in the upper section to make overhead work easier
- selection of the addition in the upper near-vision area (depending on the working distance)
- the addition in the upper near-vision segment depends on the addition in the progressive part of the lens
- the following can be selected:
  - type A: addition distribution: 100% bottom and 100% top
  - type B: addition distribution: 100% in the progressive near-vision area and 60% in the blended near-vision area
- type B example: addition: bottom 2.0 dpt. /top 1.2 dpt.



# 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)

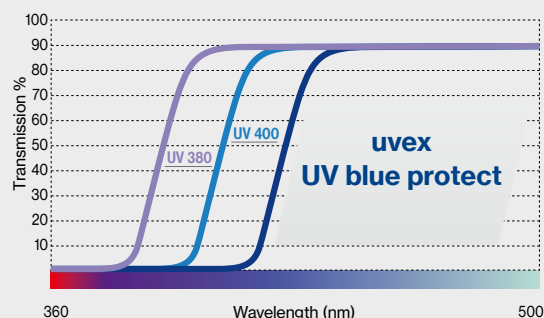
- mechanical strength 'S' (ball drop test)
- highly scratch-resistant surface suitable for working with chemicals and paints
- heavy, not recommended for prescription values greater than +/-4.0 dpt.
- spark penetration when welding or grinding

### 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

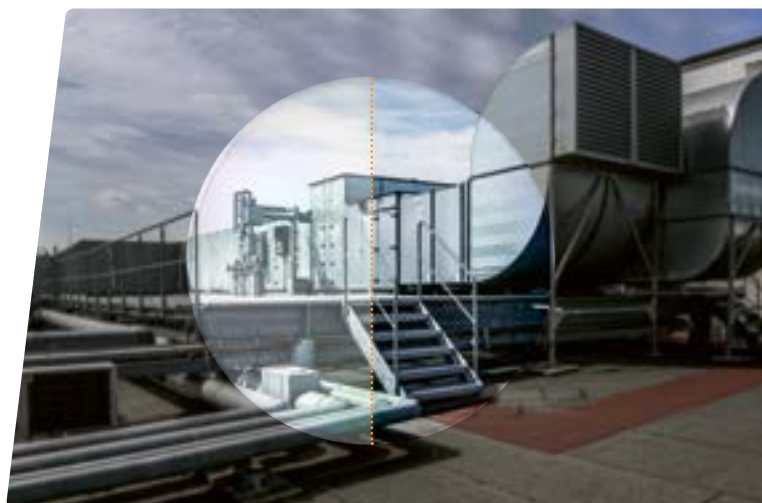
### Anti-reflective coating

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.

Three qualities are available:

- normal anti-reflective coating
- multiple 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

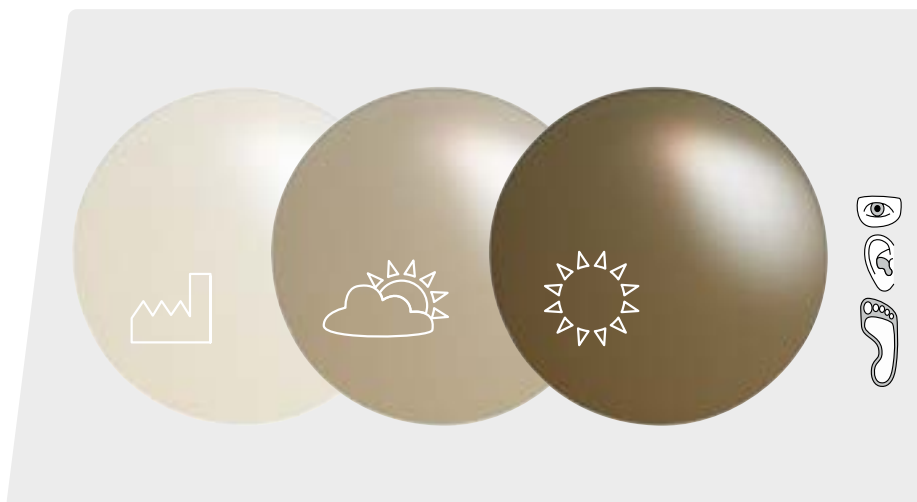
Tinted lenses provide effective protection against glare in areas with high light intensity (for example, sunlight)

#### Constant tinting

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

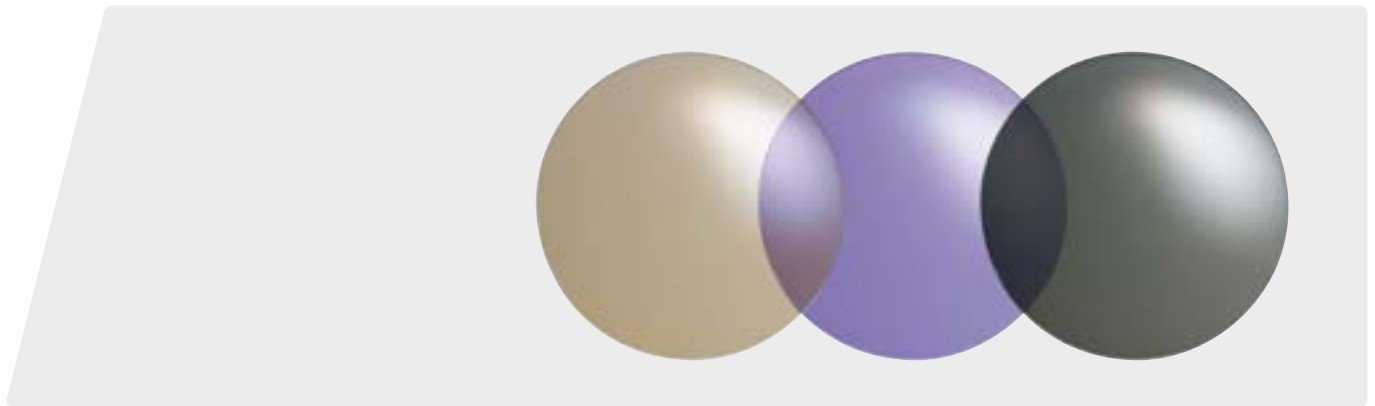
#### Variable tinting – Variomatic™

- 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™



# Prescription safety spectacles

## Special lenses



Special lenses for special requirements are available in combination with our RX cd 5505 flip-up models. The flip-up is fitted with non-prescription special lenses. The main frame is fitted with individual prescription safety lenses

### Didymium

- special filter with high absorption at 589 nm, resulting in characteristic violet colour
- the 'bright yellow sodium flare' is filtered out
- lightweight polycarbonate filter with mechanical strength 'F' (45 m/s)
- level of protection 2-2 in accordance with EN 170
- marking: 2-2 W 1 F CE
- note: Didymium lenses do not provide increased protection against infrared radiation (IR)

Areas of application:

Glass production, glass processing, e.g. glass blowing

### X-ray protection

- mineral lenses that provide protection against X-rays
- the lead equivalent of the protective lenses is 0.75
- the lead content in the lenses gives them their characteristic grey colour (approx. 10% colouring)
- marking: Pbeq 0.75
- note: Protective X-ray lenses are not tested and marked in accordance with EN 166

Areas of application:

e.g. crack and material testing

### Welding protection

- welding protection level 5 in accordance with EN 169
- grey-tinted polycarbonate filters for reliable protection against UV and infrared radiation with mechanical strength 'F' (45 m/s)
- perfect colour perception during the welding process
- marking: 5 W 1 FTK CE
- note: Welding protection lenses do not provide sufficient protection against laser beams!

Areas of application:

Autogenous welding

### CBR65

- contrast enhancement – For better contrast and comfortable vision, even in diffused light
- Blue light reduction – Blue light is reduced by up to 50% in extremely bright workplaces
- Relaxed vision – Reduced eye fatigue, even during longer periods of use
- 65% transmission – Slight tint for optimal protection against glare for high visual standards even in extremely bright, artificial light as well as natural light
- lightweight polycarbonate filter with mechanical strength 'F' (45 m/s)
- marking: 5-1.4 W 1 FK CE

Areas of application:

Workplaces with high visual standards in very bright artificial light or natural light

### Polarisation filter

- polarising filters only let in radiation from one vibration direction – scattered radiation (e.g. reflection on the surface of water) is suppressed
- lightweight polycarbonate filter with mechanical strength 'F' (45 m/s)
- marking: 5-3.1 W 1 F CE

Areas of application:

- particularly suitable for workplaces with a high risk of glare and/or highly reflective surfaces
- offshore, maritime environment, construction industry

# 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 supervision excellence

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

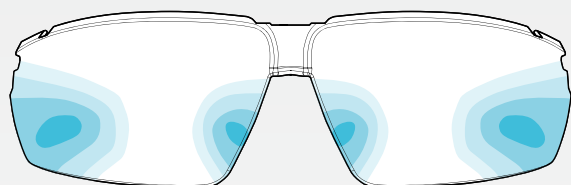
**MADE IN GERMANY** 

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	anthracite, lime
	W 166 FT CE	W 166 FT CE
<b>Lens</b>	PC clear	PC clear
	UV 400	UV 400
	2C-1.2 W 1 FTKN CE	2C-1.2 W 1 FTKN CE
	uvex supervision excellence	uvex supervision excellence
<b>Strength</b>	1.0 dpt.	2.0 dpt.
<b>Order unit</b>	PC	PC



Including soft spectacles case with microfiber cloth



## 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.



#### 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

### 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 (degression, 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
Degression** 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

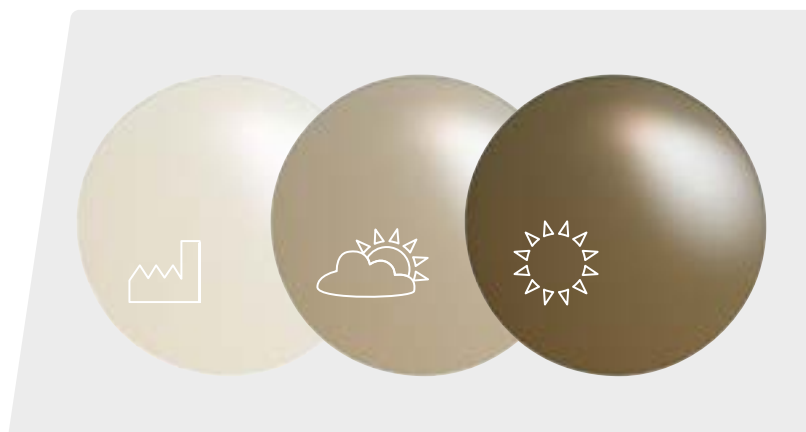
Tinted lenses provide effective protection against glare in areas with high light intensity (for example, sunlight)

#### Constant tinting

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

#### Variable tinting – Variomatic™

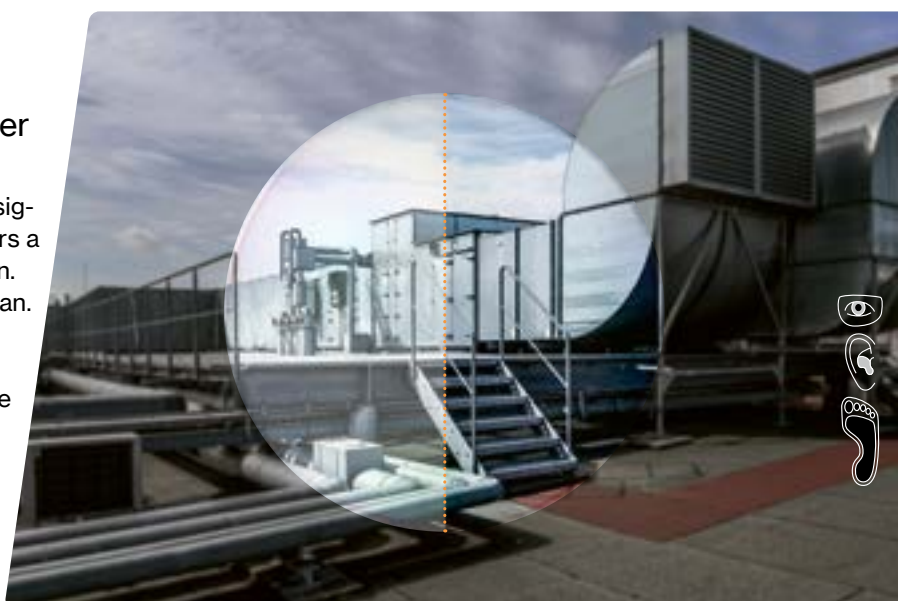
- lenses tint automatically, depending on the UV radiation and temperature
- tinting of between approx. 8% and 80% in brown or grey
- available with lens material CR 39



### 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



6110049



6110052



6110053



6110054



6110055



6110056

	uvex RX 3111	uvex RX 3114	uvex RX 3115	uvex RX 3116	uvex RX 3117	uvex RX 3118
<b>Art. no.</b>	6110049	6110052	6110053	6110054	6110055	6110056
<b>Ref. no.</b>	3111 1172 59/15	3114 1000 52/16	3115 4000 54/16	3116 5500 53/17	3117 1590 48/20	3118 7190 55/17
<b>Lens diameter</b>	59 mm	52 mm	54 mm	53 mm	48 mm	55 mm
<b>Bridge width</b>	15 mm	16 mm	16 mm	17 mm	20 mm	17 mm
<b>Colour</b>	black, khaki	black	bordeaux	brown	grey, vintage	petrol, vintage

VDU spectacles  
Metal frames



6110050



6110051



6110019



6110033



6110034



6110018

	uvex RX 3112	uvex RX 3113	uvex RX 3106	uvex RX 3107	uvex RX 3108	uvex RX 3103 Half-moon spectacles
<b>Art. no.</b>	6110050	6110051	6110019	6110033	6110034	6110018
<b>Ref. no.</b>	3112 1233 54/17	3113 1000 53/18	3106 5100 50/20	3107 1000 55/17	3108 1400 54/18	3103 1400 51/20
<b>Lens diameter</b>	54 mm	53 mm	50 mm	55 mm	54 mm	51 mm
<b>Bridge width</b>	17 mm	18 mm	20 mm	17 mm	18 mm	20 mm
<b>Colour</b>	black, blue	black	maroon	black	gun	gun



# VDU spectacles

Plastic frames



6110046



6110048



6110037



6110039

	uvex RX 3510	uvex RX 3512	uvex RX 3506	uvex RX 3508
<b>Art. no.</b>	6110046	6110048	6110037	6110039
<b>Ref. no.</b>	3510 1025 52/17	3512 1341 52/18	3506 3329 55/16	3508 1000 54/18
<b>Lens diameter</b>	52 mm	52 mm	55 mm	54 mm
<b>Bridge width</b>	17 mm	18 mm	16 mm	18 mm
<b>Colour</b>	black, translucent	anthracite, red	blue, transparent	black

VDU spectacles  
Plastic frames



6110060



6110059



6110061

	uvex RX 3513	uvex RX 3514	uvex RX 3515
<b>Art. no.</b>	6110059	6110060	6110061
<b>Ref. no.</b>	3513 3000 50/20	3514 5441 49/19	3515 5426 55/18
<b>Lens diameter</b>	50 mm	49 mm	55 mm
<b>Bridge width</b>	20 mm	19 mm	18 mm
<b>Colour</b>	dark blue	havanna, red	havanna, matt



# VDU spectacles

uvex RX ti · Nylon frames



6110057



6110024



6110058



6110043

	Titanium frames		Metal nylon frames	
	uvex RX ti 3900	uvex RX ti 3901	uvex RX 2104	uvex RX 2105
<b>Art. no.</b>	6110057	6110058	6110024	6110043
<b>Ref. no.</b>	3900 5500 53/16	3901 1400 56/17	2104 1900 54/18	2105 1174 52/17
<b>Lens diameter</b>	53 mm	56 mm	54 mm	52 mm
<b>Bridge width</b>	16 mm	17 mm	18 mm	17 mm
<b>Colour</b>	brown	gun	silver, matt	black, green





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

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

### 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

- 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**

### 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)

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:** uvex hearing protection otoplastics are subject to a professional function test, which typically must be carried out 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:

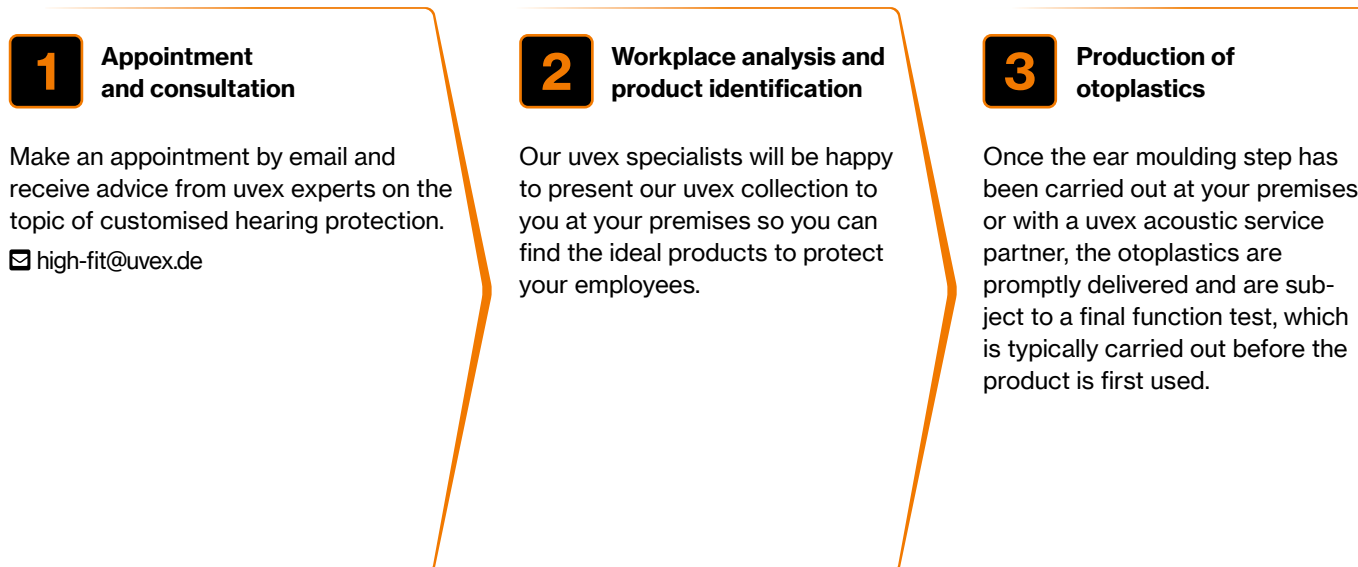
- on-site product consultation and customisation on request
- appointments for early, late or night shifts also available
- optimal planning via the uvex online appointment portal



### 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



## uvex high-fit Industrial 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>SNR</b>	22 dB	22 dB	22 dB
<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>SNR</b>	20 dB	20 dB	20 dB
<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>SNR</b>	26 dB	26 dB	26 dB
<b>Order unit</b>	PR	PR	PR

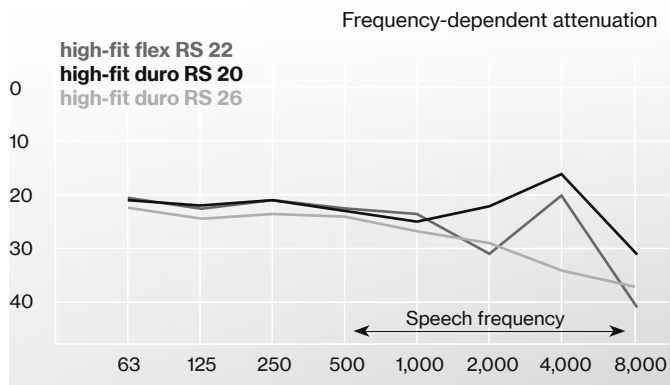
► We will be happy to change the filter element for you if and when necessary.

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



<b>uvex high-fit flex RS 22</b> (grey filter element)
SNR 22 dB – H 21 dB M 20 dB L 19 dB Classification: W, X, S, E <sub>1</sub>

<b>uvex high-fit duro RS 20</b> (black filter element)
SNR 20 dB – H 18 dB M 20 dB L 18 dB Classification: W, X, S, V, E <sub>1</sub>

<b>uvex high-fit duro RS 26</b> (grey filter element)
SNR 26 dB – H 28 dB M 23 dB L 20 dB Classification: W, S, V, E <sub>2</sub>

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

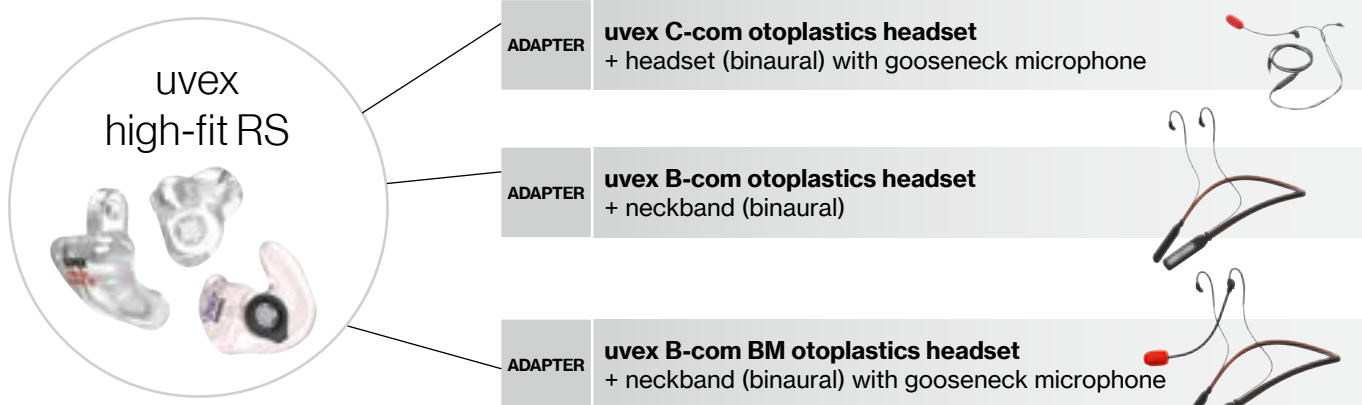
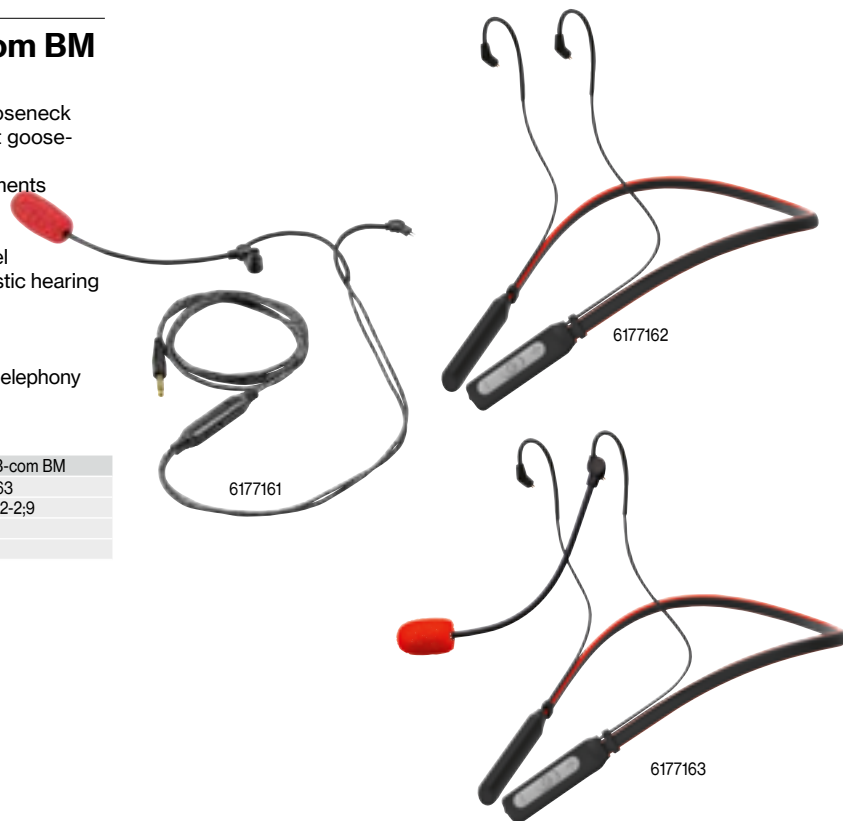
## uvex C-com · uvex B-com · uvex B-com BM

- 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



## uvex high-fit Industrial otoplastics



### uvex high-fit u-cut HC

- half-concha custom otoplastic design
- soft silicone material (dermatologically tested)
- removable otoplastics for the auditory canal offer maximum flexibility; 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 use in any high-temperature area and by persons with pressure-sensitive ears

uvex high-fit u-cut HC		
<b>Art. no.</b>	6170720	6170726
<b>Standard</b>	EN 352	EN 352
		S, W, E <sub>2</sub>
<b>SNR</b>	20 dB	26 dB
<b>Colour</b>	transparent	transparent

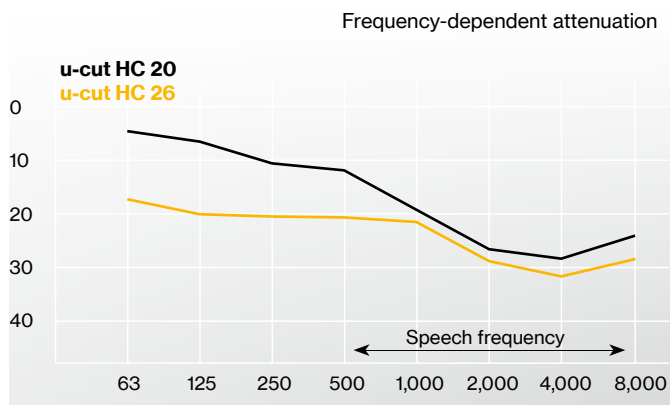
- We will be happy to change the filter element for you if and when necessary.

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



#### uvex high-fit u-cut HC 20 (black filter element)

SNR 23 dB – H 25 dB M 17 dB L 12 dB

#### uvex high-fit u-cut HC 26 (yellow filter element)

SNR 26 dB – H 25 dB M 23 dB L 21 dB

Classification: S, W, -, E<sub>2</sub>

# uvex high-fit Industrial otoplastics



## uvex high-fit u-cut FC

- full-concha custom otoplastic design
- soft silicone material (dermatologically tested)
- removable otoplastics for the auditory canal offer maximum flexibility; 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 conch for maximum wearer comfort
- with anti-bacterial nano-coating

### Areas of application:

- for use in any high-temperature area and by persons with pressure-sensitive ears

uvex high-fit u-cut FC		
<b>Art. no.</b>	6170703	6170704
<b>Standard</b>	EN 352	EN 352
		S, W, E <sub>2</sub>
<b>SNR</b>	20 dB	26 dB
<b>Colour</b>	transparent	transparent

► 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.

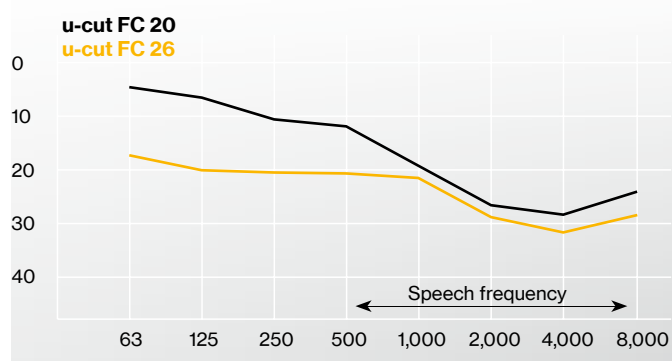
For an additional fee, we can manufacture your otoplastics in black, white, orange, purple, green, pink



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



Frequency-dependent attenuation



**uvex high-fit u-cut FC 20** (black filter element)  
SNR 20 dB - H 25 dB M 17 dB L 12 dB

**uvex high-fit u-cut FC 26** (yellow filter element)  
SNR 26 dB - H 28 dB M 23 dB L 21 dB

Classification: S, W, -, E<sub>2</sub>



## uvex high-fit Industrial otoplastics



6170023  
6170026  
6170028

### 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			
Art. no.	6170023	6170026	6170028
Standard	EN 352-2	EN 352-2	EN 352-2
		S, W, E <sub>2</sub>	S, W, E <sub>1</sub>
SNR	23 dB	26 dB	28 dB
Colour	transparent	transparent	transparent

uvex high-fit flex detec			
Art. no.	6170423	6170426	6170428
Standard	EN 352-2	EN 352-2	EN 352-2
		S, W	S, W
SNR	23 dB	26 dB	28 dB
Colour	transparent	transparent	transparent
Special feature	detectable	detectable	detectable

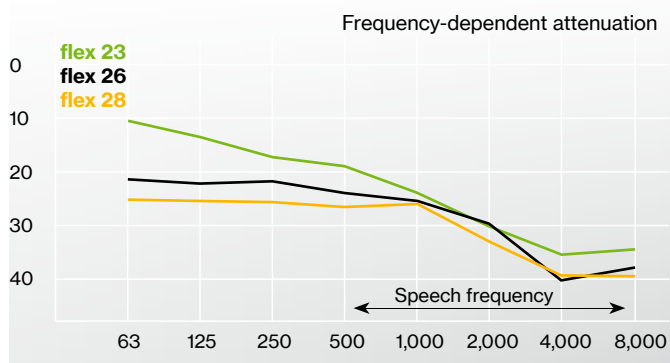
- We will be happy to change the filter element for you if and when necessary.

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



#### uvex high-fit flex 23 (green filter element)

SNR 23 dB - H 27 dB M 19 dB L 15 dB

#### uvex high-fit flex 26 (black filter element)

SNR 26 dB - H 28 dB M 23 dB L 20 dB

Classification: S, W, ---, E<sub>2</sub>

#### uvex high-fit flex 28 (yellow filter element)

SNR 28 dB - H 29 dB M 24 dB L 22 dB

Classification: S, W, ---, E<sub>1</sub>



uvex high-fit  
Industrial otoplastics



**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

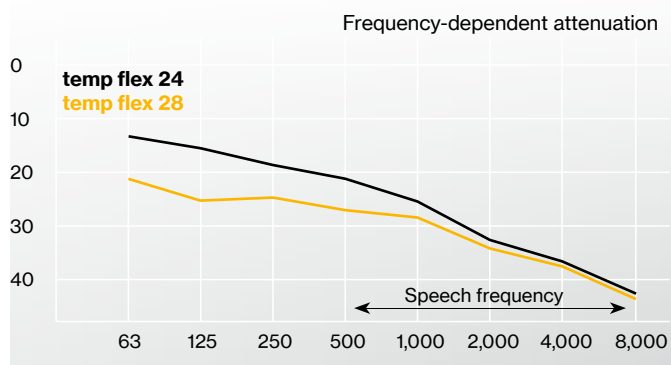
Areas of application:

- ideally suitable for the paint-processing industry

uvex high-fit temp flex		
<b>Art. no.</b>	6170524	6170528
<b>Standard</b>	EN 352-2	EN 352-2
<b>SNR</b>	24 dB	28 dB
<b>Colour</b>	transparent	transparent

- 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 temp flex 24** (black filter element)  
SNR 24 dB - H 28 dB M 21 dB L 16 dB

**uvex high-fit temp flex 28** (yellow filterelement)  
SNR 28 dB - H 30 dB M 24 dB L 21 dB  
Classification: S, W, ---, E<sub>2</sub>



## uvex high-fit Industrial otoplastics



6170824  
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			
<b>Art. no.</b>	6170824	6170828	6170832
<b>Standard</b>	EN 352-2	EN 352-2	EN 352-2
<b>SNR</b>	24 dB	28 dB	32 dB
<b>Colour</b>	transparent	transparent	transparent

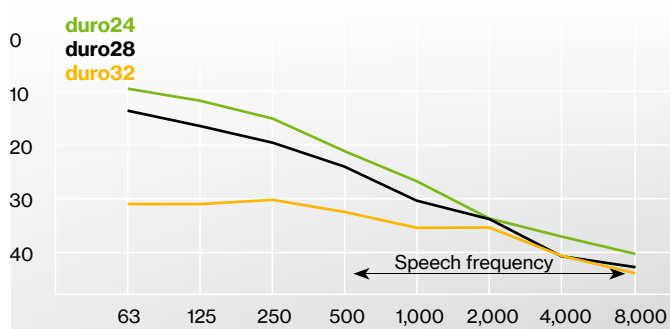
uvex high-fit duro detec			
<b>Art. no.</b>	6170424	6170418	6170432
<b>Standard</b>	EN 352-2	EN 352-2	EN 352-2
<b>SNR</b>	24 dB	28 dB	32 dB
<b>Colour</b>	transparent	transparent	transparent
<b>Special feature</b>	detectable	detectable	detectable

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



Frequency-dependent attenuation



**uvex high-fit duro 24** (green filter element)  
SNR 24 dB – H 30 dB M 21 dB L 15 dB

**uvex high-fit duro 28** (black filter element)  
SNR 28 dB – H 32 dB M 24 dB L 18 dB

**uvex high-fit duro 32** (yellow filter element)  
SNR 32 dB – H 33 dB M 29 dB L 27 dB

Classification: S, W, V, E<sub>1</sub>

# uvex high-fit Industrial otoplastics



6170840

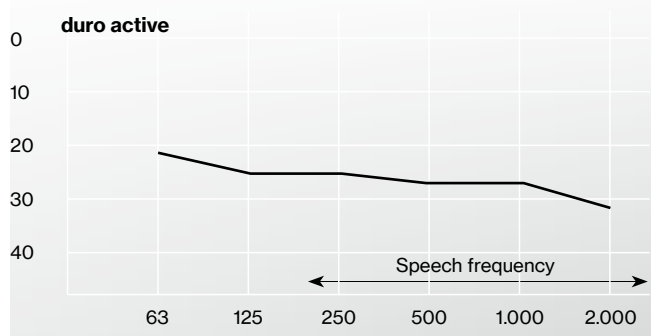
## uvex high-fit duro active

- 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

Frequency-dependent attenuation



### uvex high-fit duro active

<b>Art. no.</b>	6170840
<b>Norm</b>	EN 352-2, EN 352-7
<b>Standard</b>	26 dB
<b>Colour</b>	black, beige

### uvex high-fit duro active (black filter element)

SNR 26 dB – H 28 dB M 22 dB L 20 dB
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6177157

6177158

## 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

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

### Replacement cerumen filters

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



uvex high-fit  
Special model



**uvex high-fit u-cut com4**

- otoplastic hearing protection customised to the wearer's auditory canal
- soft silicone material (dermatologically tested)
- removable otoplastics for the auditory canal offer maximum flexibility
- ideal for leisure activities thanks to small auditory canal design without grip
- with anti-bacterial nano-coating

Areas of application:

- 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.

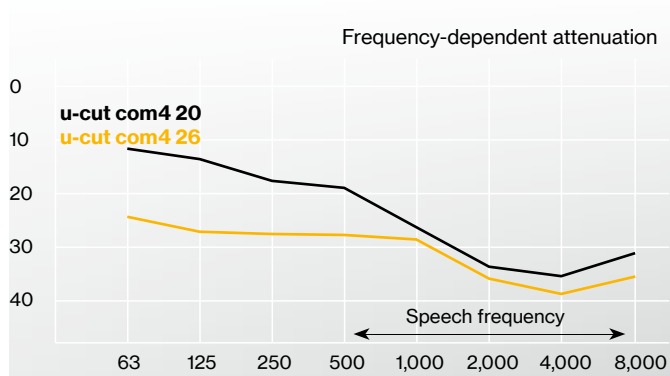
uvex high-fit u-cut com4			
<b>Art. no.</b>	6170315	6170320	6170326
<b>Standard</b>	EN 352	EN 352	EN 352
<b>SNR</b>	15 dB	20 dB	S, W, -, E <sub>2</sub> 26 dB
<b>Colour</b>	transparent	transparent	transparent

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 high-fit u-cut com4 20** (black filter element)  
SNR 20 dB – H 25 dB M 17 dB L 12 dB

**uvex high-fit u-cut com4 26** (yellow filter element)  
SNR 26 dB – H 28 dB M 23 dB L 21 dB  
Classification: S, W, -, E<sub>2</sub>

# 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:**

uvex hearing protection otoplastics are subject to a professional function test, which typically must be carried out 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 click case

- small click case for otoplastics

uvex click case	
<b>Art. no.</b>	6177115
<b>Order quantity multiples</b>	10 PC

### 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	
<b>Art. no.</b>	6177116
<b>Order unit</b>	PC
<b>Contents</b>	30 towelettes 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	
<b>Art. no.</b>	6177112
<b>Order unit</b>	PC

### uvex high-fit replacement kits

- |                                 |                                 |
|---------------------------------|---------------------------------|
| Detectable replacement kit for: | Detectable replacement kit for: |
| • uvex high-fit flex detec      | • uvex high-fit flex com detec  |
| • uvex high-fit duro detec      |                                 |

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

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

Detectable replacement kit	
<b>Art. no.</b>	6177211
<b>Design</b>	consists of an elastic cord 800 mm (blue, detectable) and a pair of connector sleeves each (blue, detectable), sealing plugs (red/blue) and disposable plugs
<b>Order quantity multiples</b>	10 PC



uvex medicare

## uvex medicare

Orthopaedic solutions for uvex safety shoes

**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 stipulates 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 motion 3XL



Amazingly spacious:

- significantly larger inside than other comparable safety shoes
- considerably wider than size 15
- exceptionally high, anatomically shaped toe cap
- pressure points eliminated

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



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.**



## uvex medicare

### uvex motion 3XL

#### More than just a standard solution

It is quite common for people who have pre-existing foot conditions to struggle with safety footwear, and often their only option is to turn to expensive custom-made solutions. Industrial health and safety experts at uvex have developed the uvex motion 3XL that combines the features of standard safety footwear with custom-made orthopaedic shoes. uvex motion 3XL perfectly combines all the requirements for safety and wearer comfort, making it the professional and practical solution.

#### uvex motion 3XL: more than just safety footwear

uvex motion 3XL has been specially designed to be highly versatile when used in conjunction with orthopaedic insoles and shoe adjustments. The volume of uvex motion 3XL has ample room for inserting a thick insole, for example, a special diabetic insole.

## Where the **uvex** **motion 3XL** can help



**Diabetes**



**Foot misalignment or deformations**



**Ankle inflammation and osteoarthritis**



**Joint blockages, tendon contractures, heel spur**



**Lower leg problems**



64963



## uvex motion 3XL · Shoe S3 SRC

### General features:

- extremely wide innovative shoe
- virtually seam-free construction
- pressure points virtually eliminated
- mostly metal-free
- largely free from silicone and plasticiser
- one of the lightest therapeutic safety shoes of its class
- helps to reduce downtime due to ill-health
- offers enough room for diabetes-adapted foot bedding

### Protection characteristics:

- meets ESD specifications with bleeder resistor under 35 megaohms
- non-slip outsole and non-metallic penetration-resistant insert – despite high flexibility of the shoe
- 100 % metal-free uvex medi-cap toe cap – compact, anatomically formed, not thermally conductive and with good side stability
- secure standing even on ladders due to optimal profile design with self-cleaning studs and additional stable arch

### Comfort features:

- perfect foot climate at all times thanks to breathable lining and outer shoe material
- ergonomic lightweight construction and above-average shock absorption increases wearer comfort and prevents fatigue
- comfortable and virtually pressure-free
- cushioned shaft edge, three-layered padded lining
- customisable complete orthopaedic package
- uvex medicare certified up to 3 cm raised sole
- additional movement space in toe area 1 cm

### Areas of application:

- medium area of application, in sectors such as chemical industry, transport and logistics, energy, machine construction and metal processing
- also suitable for therapeutic purposes, e.g. diabetic care

uvex motion 3 XL	Shoe S3 SRC
<b>Art. no.</b>	64963
<b>Width</b>	> 15
<b>Standard</b>	EN ISO 20345: 2011 S3 SRC
<b>Upper material</b>	breathable, water-resistant
	high-tech microvelour
<b>Size</b>	35 to 50



## uvex medicare

uvex motion 3XL safety footwear – functionality in every detail



Size comparison

### Exceptionally high, anatomically shaped toe cap

The extremely high and wide uvex **medi-cap** ensures sufficient room for deformed feet (e.g. hammer, claw and mallet toes), a splint, an inner shell or a light foot bandage, so the risk of pressure points is reduced. In addition, this model offers good freedom of movement around the toes taking into account the big toe joint.

### Secure and adjustable lacing system

Extremely soft, padded tongue with external individually adjustable lacing system.



### Soft, elasticated transition

The transition from toe cap to tongue protects the metatarsophalangeal (MTP) joints at the base of the toes.

### Increased space

Additional space for movement to reduce pressure points.

+1 cm



### All-round cap for impact protection

All-round shoe casing increases protection for wearer and the product life of the shoes.

### Metal-free toe cap and midsole

Penetration-resistant sole and toe cap of high-tech plastics fulfil requirements of S3 shoes in accordance with norm EN ISO 20345:2011.

### Generous foot width

Considerably wider than size 15. Ample room for inserting a thick insole, e.g. special diabetic insole.

66%  
more volume

# uvex motion 3XL

A true "space miracle"

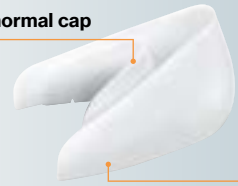
### Minimal seams

To prevent potential rubbing points, the shoes have only three seams which align with the movement direction of the foot. A further feature that reduces pressure points.

### Extended heel cap

The heel cap is extended both inside and outside which ensures optimum heel guidance. This improves body static and increases stability.

#### normal cap



#### uvex motion 3XL heel cap

### Padded shoe shaft

Special padding in the collar, ankle and achilles tendon area prevent pressure points.

### Maximum comfort

Triple-layer lining with ultra-soft padding.

### Complete orthopaedic package

Construction material comprising soft, conductive EVA 6 mm thick foam, in combination with orthopaedic inserts with EVA core.

**20%**  
more width



uvex medicare

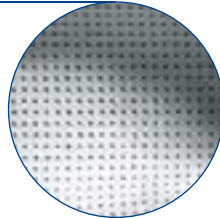
Comfortable customised inserts – Insert technology for tailor-made treatment

**EVA soft-foam technology**



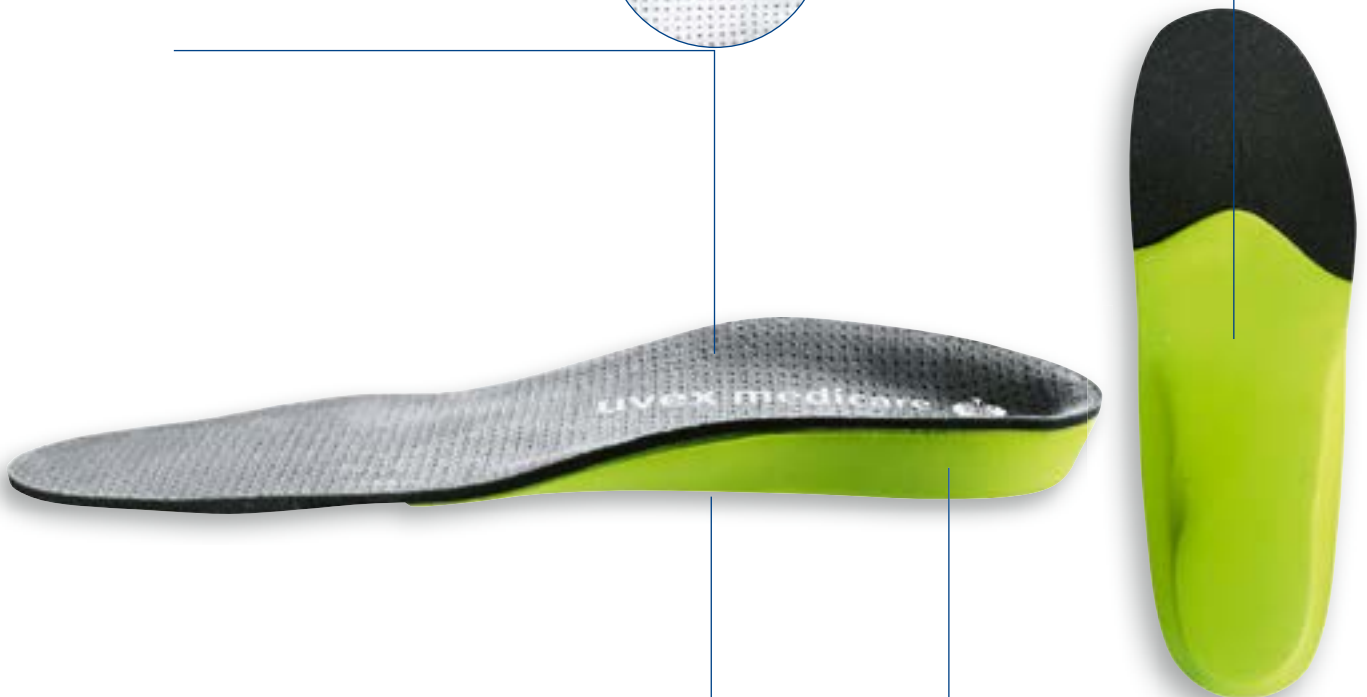
**uvex 3D hydroflex® foam**

- optimum moisture absorption and release
- excellent shock absorption in high-strain zones such as the ball and heel of the foot
- smooth surface
- excellent abrasion resistance



**ORTHOPAEDIC ADJUSTMENT**

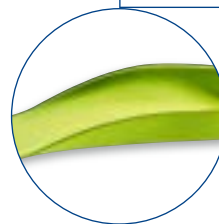
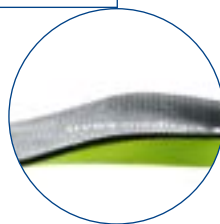
- modular concept
- adapts to assist natural movement



**VARIOUS MEDICAL CONCEPTS**

Applicable – depending on classification:

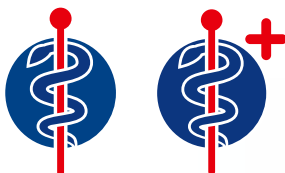
- conventional orthopaedics
- sensorimotor function
- Spiraldynamik®
- supports correct bio-mechanical foot rolling
- does not require to be 'broken in'
- high wearer comfort



**SUPPORTING CORE**

- 2 levels of shore hardness (medium/soft) selected according to requirements: Individually adaptable to body type and support requirements
- high support, guiding and shock absorption properties through soft, raised heel shell

Orthopaedic uvex comfort custom insole  
Art. no. 6499902



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

Our orthopaedic uvex customised comfort inserts and orthopaedic shoe adjustments are only certified in accordance with specific safety shoes in each case.

To avoid safety risks, it is essential that you select the right safety shoe for the product (notes in main catalogue). We accept no liability for non-certified combinations. Please do not hesitate to contact us should you have any concerns regarding the right safety shoe.

Our orthopaedic uvex comfortable customised inserts and orthopaedic shoe adjustments are certified in accordance with EN ISO 20345:2011 in combination with uvex safety shoes, which are marked in the uvex catalogue with the uvex medicare symbol.

### Orthopaedic shoe adjustments



6499911

**Shoe lift**

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

A shoe lift should never exceed 3 cm.

Orthopaedic shoe adjustments	
<b>Art. no.</b>	6499911
<b>Design</b>	orthopaedic shoe lift
	up to 1 cm per side

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

<b>Art. no.</b>	6499913
<b>Design</b>	rocker sole

<b>Art. no.</b>	6499914
<b>Design</b>	butterfly roller

<b>Art. no.</b>	6499915
<b>Design</b>	external or internal edge lift

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



6499913

**Roller sole**

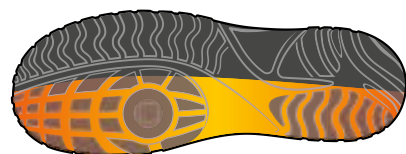
A roller sole eases the burden on the feet during your stride. The precise effect is governed by the location of the pressure point. This helps adjust the length of your stride.



6499914

**Butterfly roller**

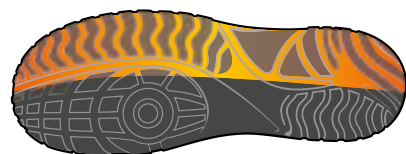
A butterfly roller reduces the burden on sensitive metatarsal bones by dissipating the pressure caused by each stride. By moving the pressure point, you can create an extra rocking effect.



6499915

**Outer and inner sole wedges**

By using a wedge, you can adjust the slope beneath the feet in a standing position and correct the line of your stride when walking.



The declarations of conformity are available to download at: [www.uvex-safety.de/ce-medicare](http://www.uvex-safety.de/ce-medicare)

**Note:** For shoe adjustments, the temperature resistance of the sole is reduced to 60 °C.

**Note:** For Austria, the uvex naturform range is not approved in accordance with ÖNORM Z1259. Only "variant A – orthopaedic insert" for model 69608 uvex xenova® hygiene sling is possible in accordance with ÖNORM Z1259.





### Prescription spectacles and workplace safety

The common key features of prescription safety spectacles are that they compensate the wearer's defective vision and protect the eyes from mechanical and optical influences. This seminar will enable participants to act as a competent representative within the company for prescription safety spectacles right through to fitting.

- Information regarding legal regulations, test specifications and standards
- Sharing knowledge about prescription safety spectacles
- Explanation of the different types of lens and frame materials available, their specific features and properties
- Explanation of the various focus types and their best use

- Assessment of the risks in the respective workplace and selection of the most appropriate prescription safety spectacles
- Ability to determine the necessary parameters for fitting prescription spectacles
- Practical demonstration of selection, consultation, and fitting of prescription safety glasses
- Instruction regarding the best care and handling of prescription safety spectacles

#### Target group

Those responsible for the work-related health and safety of employees within a company and/or those who are to fit prescription safety spectacles, such as safety officers, company doctors and their support staff.



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)