

uvex



Individual Personal Protective Equipment

2021

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.

uvex promises:

Quality. Leadership. Enthusiasm.

CLAIM TO QUALITY

'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.

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



uvexsafetygroup



uvexsafety



uvexsafetygroup



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 Basic collection in plastic



- in different shapes, sizes and colours

uvex RX Basic collection in metal



- in different shapes, sizes and colours

uvex RX ti



- made of high-quality titanium
- extremely stable
- lightweight
- allergy-neutral

uvex RX cb



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

uvex RX cd



- safety spectacles in a sporty design

uvex RX sp



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

uvex flip up



- for workplaces with special requirements

uvex RX goggle



- goggles for direct prescription lenses with individual prescriptions
- ideal optical quality

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.

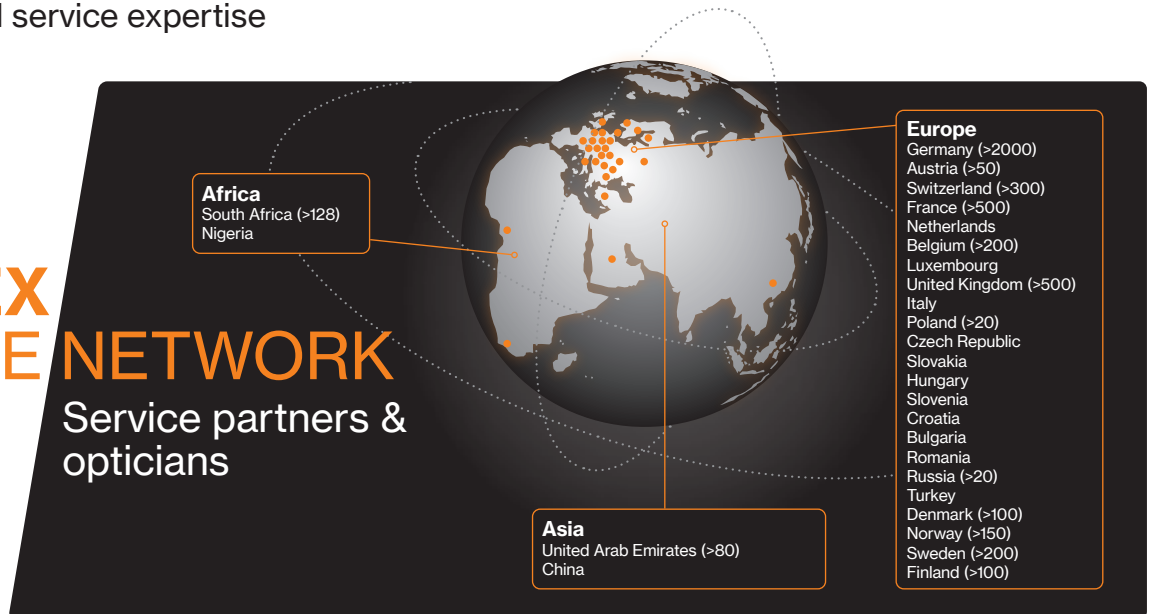
Please contact us for further, non-binding information.

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.

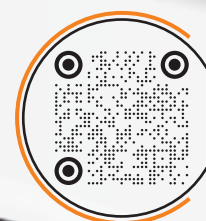
For example, test at the touch of a button the effect different filters have on the optical properties of spectacles. The app includes striking videos which show the impact tests conducted to determine the stability of lenses. Comprehensive product brochures can also be downloaded for detailed information.

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



View everything
The uvex RX app makes product selection easier.

Prescription safety spectacles

Basic collection plastic frames



6109219
6109203



6109204

uvex RX 5503

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

uvex RX 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 sprung hinges
Marking on frame	W 166 FT CE	W 166 FT CE	W 166 FT CE



6108215



6109210

uvex RX 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 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 5506

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

uvex RX 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

Basic collection plastic frames



6109206



6109207

uvex RX 5504

- plastic frames with oval-shaped lenses
- transparent side shields with integrated brow guard
- good fit with anatomically shaped nose bridge

uvex RX 5504		
Art. no.	6109206	6109207
Ref. no.	5504 1300 55/20	5504 1525 55/20
Lens diameter	55 mm	55 mm
Bridge width	20 mm	20 mm
Colour	anthracite	grey, translucent
Extras		metal arms with sprung hinges
Marking on frame	W 166 FT CE	W 166 FT CE

Prescription safety spectacles

Basic collection metal frames



6109107



6109108
6109109

uvex RX 5105

- metal frame with flat profile
- transparent side shields
- anatomically adjustable nose bridge and easily adjustable earpieces deliver exceptional fit

uvex RX 5105		
Art. no.	6109107	
Ref. no.	5105 1800 50/20	
Lens diameter	50 mm	
Bridge width	20 mm	
Colour	silver	
Marking on frame	W 166 FT CE	

uvex RX 5106

- classic design metal frame
- transparent side shields
- anatomically adjustable nose bridge and easily adjustable earpieces delivers exceptional fit

uvex RX 5106		
Art. no.	6109108	6109109
Ref. no.	5106 1400 50/20	5106 1400 52/20
Lens diameter	50 mm	52 mm
Bridge width	20 mm	20 mm
Colour	gunmetal, matt	gunmetal, matt
Marking on frame	W 166 FT CE	W 166 FT CE



6109110
6109111



6109112
6109113

uvex RX 5107

- metal frame with oval-shaped lenses
- transparent side shield
- anatomically adjustable nose bridge and easily adjustable earpieces delivers exceptional fit

uvex RX 5107		
Art. no.	6109110	6109111
Ref. no.	5107 6200 47/20	5107 6200 49/20
Lens diameter	47 mm	49 mm
Bridge width	20 mm	20 mm
Colour	antique gold	antique gold
Marking on frame	W 166 FT CE	W 166 FT CE

uvex RX 5108

- slim, expressive metal frame
- transparent side shields
- very good fit with anatomically adjustable nose bridge and easily adjustable earpieces

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

Prescription safety spectacles

Basic collection metal frames



uvex RX 5102

- fashionable, aviator-style metal frame
- transparent side shields
- anatomically adjustable nose bridge and easily adjustable earpieces deliver exceptional fit

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

uvex RX 5103

- classic design metal frame with double bridge
- transparent side shields
- anatomically adjustable, soft nose pads and easily adjustable earpieces deliver exceptional fit

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



uvex RX 5101

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

uvex RX 5101		
Art. no.	6109102	6109103
Ref. no.	5101 1018 54/17	5101 1018 56/17
Lens diameter	54 mm	56 mm
Bridge width	17 mm	17 mm
Colour	black, silver	black, silver
Marking on frame	W 166 FT CE	W 166 FT CE

uvex RX 5104

- large metal frame design with double bridge
- transparent side shields
- anatomically adjustable, soft nose pads and easily adjustable earpieces deliver exceptional fit

uvex RX 5104	
Art. no.	6109106
Ref. no.	5104 6054 57/21
Lens diameter	57 mm
Bridge width	21 mm
Colour	gold, havanna
Marking on frame	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, soft nose pads and easily adjustable earpieces for exceptional fit

uvex RX ti 5900	
Art. no.	6109400
Ref. no.	5900 1600 49/20
Lens diameter	49 mm
Bridge width	20 mm
Colour	titanium blue
Marking on frame	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, soft nose pads and easily adjustable earpieces for exceptional fit

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



6109402

uvex RX ti 5902

- thin lightweight titanium frame
- transparent side shields
- light, hypoallergenic pure titanium nose bridge and flexible arms made of beta-titanium
- anatomically adjustable, soft nose pads and easily adjustable earpieces for exceptional fit

uvex RX ti 5902	
Art. no.	6109402
Ref. no.	5902 1600 52/19
Lens diameter	52 mm
Bridge width	19 mm
Colour	titanium blue
Marking on frame	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	
Art. no.	6109232
Ref. no.	5580 3015 57/14
Lens	57 mm
Bridge width	14 mm
Colour	dark blue, grey
Marking on frame	W 166 F CE



6109233

uvex RX cb 5581













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

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



Prescription safety spectacles

Lens options for plastic and metal frames in uvex basic collection models · uvex RX ti · uvex RX cb

Focus type		Lens type	Parameter for centering of the lenses
Description			Specific height Box measure
Single vision			
<ul style="list-style-type: none"> – Correction of visual defect in far, in-between or near distance 		Single vision, Single vision HD	Single vision HD ≥ centre of lens Main line of sight
Certified prescription range			
Comfort lenses			
Nahcomfort <ul style="list-style-type: none"> – Version with expanded near vision – Ideal for workplace environments of 30 cm to approx. 2 m 		Nahcomfort Standard, Nahcomfort Optima Versions see page 34	min. 17 mm Main line of sight
Distanzcomfort <ul style="list-style-type: none"> – Calculation of the individual correction for defined distances (1 m, 2 m or 4 m) 		Distanzcomfort Optima	min. 17 mm Zero line of sight
Single vision Relax <ul style="list-style-type: none"> – To accommodate the prescription for the lower part of the lens, the prescription is increased by +0.5 of a diopter 		Single vision Relax	min. 17 mm Zero line of sight
Certified prescription range			
Bifocal and bifocal comfort			
<ul style="list-style-type: none"> – Correction of visual defect in far and reading distance – Visible segment for near distance – Steplike change from far distance to near distance at the edge of segment – Bifocal: Instantly well-tolerated, visible edge of segment supports orientation 	Bifocal  Bifocal Comfort 	Width of segment: 28 mm, curved	
Certified prescription range		Bifocal comfort (CR 39 and PC only) +4.5 to -10.0 dpt. at maximum value cyl. +/- 6.0 dpt. Add. +3.0	
Varifocals			
<ul style="list-style-type: none"> – Correction of visual defect in far, in-between and near distance – Gliding change from far distance to near distance (progressive canal) – The non-visible gliding zone corrects in-between distances 		Varifocal Standard <ul style="list-style-type: none"> – Standard area for far distance and near distance – Long, narrow canal of progression 	min. 23 mm Zero line of sight
		Varifocal Pro Work <ul style="list-style-type: none"> – Large area for far distance – Wide canal of progression – Optimized area for reading distance 	min. 20 mm Zero line of sight
		Varifocal Piccolo <ul style="list-style-type: none"> – Suitable for flat frames – Large area for far distance and near distance – Shortened canal of progression 	min. 17 mm Zero line of sight
		Varifocal Top One <ul style="list-style-type: none"> – Very comfortable, large long-distance and close-up field of vision – Wide canal of progression for added convenience – Minimal blur in peripheral vision 	min. 19 mm Zero line of sight
	Varifocal Optima, Optima HD  Varifocal OR 	Varifocal Optima, Optima HD, varifocal OR <ul style="list-style-type: none"> – 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 35 >> Version OR see page 35 	Optima and varifocal OR min. 17 mm Optima HD min. 16 mm (depending on the corridor length) Zero line of sight
Certified prescription range		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 recommended from +/- 4.0 dpt.	incl. hard coating only available with SAR recommended from +/- 6.0 dpt.	incl. hard coating	incl. hard coating only available with SAR		only single vision	only single vision, not for hard glass	■	only HI 1.67 or PC		only Polycarbonate or Trivex
	+10.0 to -10.0 dpt. at maximum value cyl. ±8.0 dpt.	+12.0 to -13.0 dpt. at maximum value cyl. ±8.0 dpt.	+13.0 to -14.5 dpt. at maximum value cyl. ±8.0 dpt.	+9.5 to -12.0 dpt. at maximum value cyl. ±8.0 dpt.	+8.0 to -11.0 dpt. at maximum value cyl. ±7.0 dpt.	+7.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.						+7.5 to -8.5 dpt. at maximum value cyl. ±6.0 dpt.
	Standard/ Optima	only Optima	only Optima	Standard/ Optima	only Optima	—	■	not for hard glass	■	only HI 1.67 or PC	—	—
	■	■	■	■	■	—	■	not for hard glass	■	only HI 1.67 or PC	—	—
	■	■	■	■	■	—	■	not for hard glass	■	only HI 1.67 or PC	—	—
	+9.0 to -7.5 dpt. at maximum value cyl. ±6.0 dpt.	+8.0 to -8.0 dpt. at maximum value cyl. ±6.0 dpt.	+9.0 to -10.0 dpt. at maximum value cyl. ±6.0 dpt.	+9.0 to -4.5 dpt. at maximum value cyl. ±6.0 dpt.	+7.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -4.5 dpt. at maximum value cyl. ±4.0 dpt.						
	■	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	■	—	■	only Polycarbonate
	■	■	■	■	■	■	■	not for hard glass	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
	■	■	■	■	—	■	■	—	■	—	■	only Polycarbonate
	■	■	■	■	—	■	■	not for hard glass	■	only HI 1.67 or PC	■	only Polycarbonate
	■	only Optima 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

uvex

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



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

► Please note the glazing options for uvex RX cd on page 24/25



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

► Please note the glazing options for uvex RX cd on pages 24/25



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

Prescription safety spectacles

uvex RX cd



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

► Please note the glazing options for uvex RX cd on page 24/25



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

► Please note the glazing options for uvex RX cd on page 24/25

Prescription safety spectacles

uvex RX cd


6109208
6109209

6109214
6109215

uvex RX cd 5505

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

uvex RX cd 5505				
Art. no.	6109208	6109209	6109214	6109215
Ref. no.	5505 2900 55/19	5505 2900 57/19	5505 2126 55/19	5505 2126 57/19
Lens diameter	55 mm	57 mm	55 mm	57 mm
Bridge width	19 mm	19 mm	19 mm	19 mm
Colour	transparent	transparent	crystal, matt	crystal, matt
Marking on frame	W 166 F CE	W 166 F CE	W 166 F CE	W 166 F CE

► Please note the glazing options for uvex RX cd on page 24/25


6108208
6108209

uvex RX cd 5505 plan PC SAR

- plastic frame with polycarbonate lenses for users who do not require a prescription
- non-prescription lenses with super anti-reflective coating – to minimise reflections on surfaces

uvex RX cd 5505 plan PC SAR		
Art. no.	6108208	6108209
Ref. no.	5505 9020 55/19	5505 9020 57/19
Lens diameter	55 mm	57 mm
Bridge width	19 mm	19 mm
Colour	crystal, matt	crystal, matt
Lenses	PC transparent, SAR	PC transparent, SAR
Lens marking	W 1 FT CE	W 1 FT CE
Marking on frame	W 166 F CE	W 166 F CE


6118000
6118001


6109214 with 5505 seal 55/19



6109209 with 5505 seal 57/19

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		
Art. no.	6118000	6118001
Ref. no.	5505 seal 55/19	5505 seal 57/19
Lens diameter	55 mm	57 mm
Bridge width	19 mm	19 mm
Colour	black	black
Compatible with	Art. no. 6108208 Art. no. 6109208 Art. no. 6109214	Art. no. 6108209 Art. no. 6109209 Art. no. 6109215
Order unit	PC	PC
seal marking	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		
Art. no.	6109237	6109238
Ref. no.	5505 9910 55/19	5505 9910 57/19
Lens diameter	55 mm	57 mm
Bridge width	19 mm	19 mm
Colour	crystal matt, green	crystal matt, green
Features: flip-up		
Lenses	violet PC, didymium	violet PC, didymium
Lens marking	2-2 W 1 F CE	2-2 W 1 F CE
Marking on frame	W 166 F CE	W 166 F CE



6109247
6109248

RX cd 5505 flip-up Didymium plan PC SET

- 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 to minimise reflections on surfaces
- flip-up including non-prescription didymium lenses to filter bright yellow sodium flare (589 nm)

uvex RX cd 5505 flip-up Didymium plan PC SET		
Art. no.	6109247	6109248
Ref. no.	5505 9051 55/19	5505 9051 57/19
Lens diameter	55 mm	57 mm
Bridge width	19 mm	19 mm
Colour	crystal matt, green	crystal matt, green
Main frame lens	PC transparent, SET	PC transparent, SET
Lens marking	W 1 FT CE	W 1 FT CE
Features: flip-up		
Lenses	violet PC, didymium	violet PC, didymium
Lens marking	2-2 W 1 F CE	2-2 W 1 F CE
Marking on frame	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		
Art. no.	6109241	6109242
Ref. no.	5505 9975 55/19	5505 9975 57/19
Lens diameter	55 mm	57 mm
Bridge width	19 mm	19 mm
Colour	crystal matt, green	crystal matt, green
Features: flip-up		
Lenses	Leaded mineral glass	Leaded mineral glass
Lens marking	Pbeq 0.75	Pbeq 0.75
Marking on frame	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		
Art. no.	6109243	6109244
Ref. no.	5505 9965 55/19	5505 9965 57/19
Lens diameter	55 mm	57 mm
Bridge width	19 mm	19 mm
Colour	crystal matt, green	crystal matt, green
Features: flip-up		
Lens	PC CBR65	PC CBR65
Lens marking	5-1.4 W 1 FK CE	5-1.4 W 1 FK CE
Marking on frame	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		
Art. no.	6109239	6109240
Ref. no.	5505 9911 55/19	5505 9911 57/19
Lens diameter	55 mm	57 mm
Bridge width	19 mm	19 mm
Colour	crystal matt, green	crystal matt, green
Features: flip-up		
Lens	grey PC, polarising	grey PC, polarising
Lens marking	5-3.1 W 1 F CE	5-3.1 W 1 F CE
Marking on frame	W 166 F CE	W 166 F CE


6109218
6109235




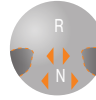
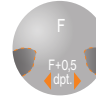








uvex RX cd 5505 flip-up welding protection

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

Prescription safety spectacles

Lens options for uvex RX cd

				Lens type		Parameter for centering of the lenses		
Description						Specific height		
						Box measure		
Single vision								
				Single vision, Single vision HD		Single vision HD min. centre of lens Main line of sight		
Prescription range								
Comfort lenses								
						Nahcomfort Standard, Nahcomfort Optima Versions see page 32		min. 17 mm Main line of sight
Nahcomfort Standard	Nahcomfort Optima	Distanzcomfort Optima	Single vision Relax			Distanzcomfort Optima		min. 17 mm Zero line of sight
						Single vision Relax		min. 17 mm Zero line of sight
Prescription range								
Bifocals								
						Width of segment: 28 mm, curved		
Bifocal	Bifocal Comfort							
Prescription range						Bifocal Comfort (CR 39 and PC only) +4,5 bis -6,0 dpt. at maximum value cyl. +/- 6,0 dpt. Add. +3,0		
Varifocals								
					 Varifocal OR	Varifocal Standard		min. 23 mm Zero line of sight
Varifocal Standard	Varifocal Pro Work	Varifocal Piccolo	Varifocal Top One	Varifocal Optima		Varifocal Pro Work		min. 20 mm Zero line of sight
				Varifocal Optima HD		Varifocal Piccolo		min. 17 mm Zero line of sight
						Varifocal Top One		min. 19 mm Zero line of sight
						Varifocal Optima		min. 17 mm Zero line of sight
						Varifocal Optima HD		min. 16 mm (depending on the corridor length) Zero line of sight
						Varifocal OR		min. 17 mm Zero line of sight
Prescription range						Varifocal OR (CR 39 and PC only) +4,5 bis -6,0 dpt. at maximum value cyl. +/- 6,0 dpt. Add. +3,0		

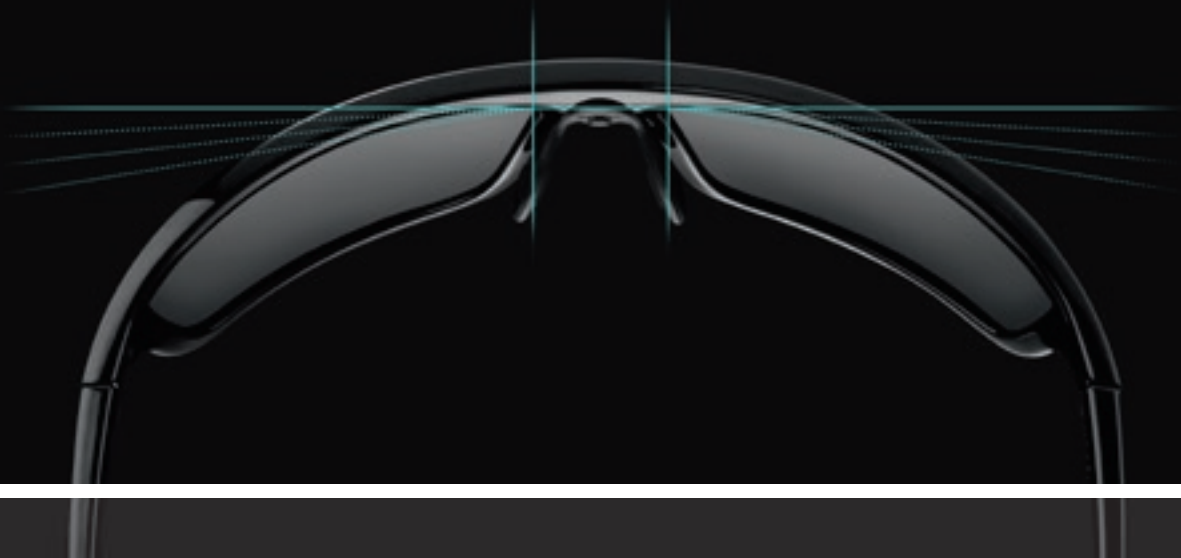
► In order to ensure optimum vision, uvex compensate the values in accordance to the frame wrap angle (FWA).
The overview below provides information on the lens options for uvex RX cd frames.
Please also ensure the frame fits correctly.

► 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	Plastic HI 1.67	PC	Trivex	Normal AR	Multi AR	Super AR	UV blue protect	Tinting	Variomatic brown
	■	■	■	■	■	■	■	■	■	■	■
		incl. hard coating	incl. hard coating only available with SAR	incl. hard coating	incl. hard coating only available with SAR	only single visi- on	only single visi- on		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

The stronger curve of the uvex RX sp frame positions the lenses at an angle straight in front of the eye. We only use the specially developed uvex anatomic sport glazing to deliver maximum optical clarity.

This means:

- that we only use lenses with a base curve identical to that of the frame.
- that prescription values need to be recalculated based on the tilted position of the lenses. This will be considered for the glazing process.

uvex HD lenses

uvex HD lenses – maximum individuality

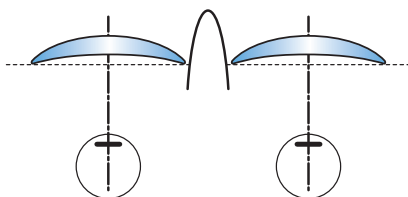
A number of individual parameters are taken into account in the manufacture of uvex HD lenses:

- individual prescription values
- centering parameters (pupillary distance, fitting height)
- base curve of the lenses and the frame
- face form-wrap and pantoscopic tilt
- corneal vertex distance

Special programs have been developed to map thousands of individual points on the inside of the lenses. The results are directly incorporated into the customised uvex optima HD lenses.

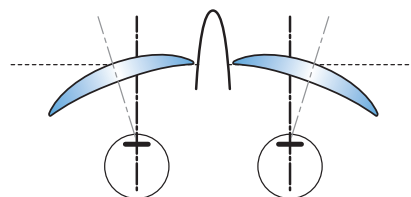
No greater customisation is possible.

uvex HD lenses are available in the single vision HD and varifocal Optima HD designs. uvex service opticians or your uvex optical consultant will determine the individual measurements for you.



Conventional prescription glasses:

The planes of the right and left lenses are virtually congruent.



Spectacles with more strongly curved lenses:

The planes of the right and left lenses are tilted toward one another.

Prescription safety spectacles

uvex RX sp



6109220



6109221

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”)

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

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

► Please note the glazing options for uvex RX sp on page 30/31



6118004


6109220 assembled
with uvex tight-fit-kit 6118004


6118005


6109221 assembled
with uvex tight-fit-kit 6118005


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	
Art. no.	6109222
Ref. no.	5513 1577 62/16
Lens diameter	62 mm
Bridge width	16 mm
Colour	grey, light green
w	W 166 F CE

► Please note the glazing options for uvex RX sp on pages 30/31

Prescription safety spectacles

uvex RX sp



6109223



6109224

uvex RX sp 5519

- plastic frame with sporty wrap-around design
- anatomically shaped, soft nose bridge
- side shields and integrated brow guard frame design
- specially-shaped frame edge provides protection against particles from below
- easily adjustable soft-form comfort ear pieces

uvex RX sp 5519		
Art. no.	6109223	6109224
Ref. no.	5519 5573 56/21	5519 1371 56/21
Lens diameter	56 mm	56 mm
Bridge width	21 mm	21 mm
Colour	brown, olive	anthracite, petrol
Marking on frame	W 166 F CE	W 166 F CE

► Please note the glazing options for uvex RX sp on pages 30/31



6109216



6109217

uvex RX sp 5510

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

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

► Please note the glazing options for uvex RX sp on pages 30/31

uvex RX goggle

The first wide-vision goggles directly fitted with prescription lenses

Direct prescription lenses ensure perfect vision at all times.

uvex RX goggle: the first wide-vision goggles that can be directly fitted with prescription lenses. In contrast to standard prescription solutions with overspecs or prescription inserts, these goggles offer the best possible optical quality without optical aberrations and additional loss of light. The uvex RX goggle can therefore, be worn for extended periods with complete comfort.

Spectrophotometer measurements have shown that the transmission factor of the uvex RX goggle is up to 18% higher than safety goggles with prescription inserts or overspecs. The higher transmission level minimises the strain on eye muscles. This is further boosted by an additional anti-reflective coating on the prescription lenses.



Direct prescription lenses

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



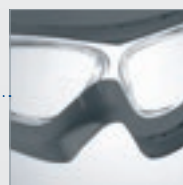
Flexible headband clip

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



Sophisticated ventilation

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



Hygiene

The flexible TPU frame is easy to clean. These goggles can be kept clean and hygienic, even under heavy strains and in extreme conditions.



uvex RX goggle

uvex RX goggle	
Art. no.	6109500
Ref. no.	9500 1379 61/14
Lens	61 mm
Bridge width	14 mm
Colour	anthracite, lime
Marking on frame	W 166 3 4 B CE



Safety eyewear case with pocket for regular spectacles included

► Please note the glazing options for uvex RX goggle on pages 30/31

PC+

uvex uses highly impact resistant polycarbonate and has also increased the thickness in the middle of the lens. To ensure the eyewear remains securely in place upon impact, the frame is equipped with a special shock absorbing nut and the lenses have been shaped to deflect objects.

As a result, these prescription safety spectacles are the first to ever achieve mechanical strength class B. The frame and lenses both bear the relevant labelling.

For testing mechanical strength "B" a metal ball is fired frontal and lateral against the spectacle with impact speed of 432 km/h. (Comparison EN 166: impact with medium energy, 120 m/sec)

Recommended applications

for uvex RX goggles with PC+:

Workplaces with high risk of mechanical hazards, such as reshaping metal-cuttings, turning, grinding and milling.

► Mechanical strength "B", 120 m/s

for uvex RX goggles with Trivex:


















Workplaces with high risk of chemical hazards, such as laboratories and those handling small quantities of chemicals.

► Mechanical strength "F", 45 m/s

For further information on lens materials and models, information can be found on page 32-37

Prescription safety spectacles

Lens options for uvex RX sp models · Special lenses for uvex RX goggle

uvex RX sp 5519 · uvex RX sp 5510		Important note	Lens type	Parameter for centering of the lenses	
Description				Specific height Box measure	
	Single vision				
		for uvex RX sp 5510: Minimum PD ≥ 32.0 mm Fitting height \geq centre of lens	Single vision Single vision HD	Main line of sight	
	Comfort lenses				
		for uvex RX sp 5510: Minimum PD ≥ 32.0 mm Fitting height \geq centre of lens	Nahcomfort Optima	min. 17 mm Main line of sight	
			Distanzcomfort Optima	min. 17 mm Zero line of sight	
			Single vision Relax	min. 17 mm Zero line of sight	
	Varifocals				
		for uvex RX sp 5510: Minimum PD ≥ 32.0 mm Fitting height \geq centre of lens	Varifocal Pro Work	min. 20 mm Zero line of sight	
			Varifocal Optima	min. 17 mm Zero line of sight	
	Varifocal Pro Work Varifocal Optima Varifocal Optima HD		Varifocal Optima HD	min. 16 mm Zero line of sight	
	Prescription range				
uvex RX sp 5512 · uvex RX sp 5513					
	Single vision				
		Minimum PD ≥ 32.0 mm Fitting height \geq centre of lens	Single vision Single vision HD	Main line of sight	
	Comfort lenses				
		Minimum PD ≥ 32.0 mm Fitting height \geq centre of lens	Nahcomfort Optima	min. 17 mm Main line of sight	
			Distanzcomfort Optima	min. 17 mm Zero line of sight	
			Single vision Relax	min. 17 mm Zero line of sight	
	Varifocals				
		Minimum PD ≥ 32.0 mm Fitting height \geq centre of lens	Varifocal Pro Work	min. 20 mm Zero line of sight	
			Varifocal Optima	min. 17 mm Zero line of sight	
	Varifocal Pro Work Varifocal Optima Varifocal Optima HD		Varifocal Optima HD	min. 16 mm Zero line of sight	
	Prescription range				
uvex RX goggle		Important note	Lens type	Parameter for centering of the lenses	
Description				Specific height Box measure	
	Single vision				
		When using PC or PC+ Minimum PD ≥ 32.0 mm When using Trivex Minimum PD ≥ 34.0 mm	Single vision Single vision HD	Main line of sight	
	Varifocals				
		When using PC or PC+ Minimum PD ≥ 32.0 mm When using Trivex Minimum PD ≥ 34.0 mm	Varifocal Pro Work	min. 20 mm Zero line of sight	
			Varifocal Optima	min. 17 mm Zero line of sight	
	Varifocal Pro Work Varifocal Optima Varifocal Optima HD		Varifocal Optima HD	min. 16 mm Zero line of sight	
	Prescription range				

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

Material						Extras, optional					
CR 39	HI 1.6	Plastic HI 1.67	PC	Trivex		Normal AR	Multi AR	Super AR	UV blue protect	Tint	Variomatic brown
■	■	■	■	■		■	■	■	■	■	■
	incl. hard coating	incl. hard coating only available with SAR	incl. hard coating	incl. hard coating					only HI 1.67 or PC		only Polycarbonate or Trivex
■	■	■	■	—		■	■	■	only HI 1.67 or PC	—	—
■	■	■	■	—		■	■	■	only HI 1.67 or PC	—	—
■	■	■	■	—		■	■	■	only HI 1.67 or PC	—	—
■	■	■	■	■		■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
■	■	■	■	■		■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
■	■	■	■	■		■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.	+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.	+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.	+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.	+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.							+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.
■	■	■	■	■		■	■	■	■	■	■
	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 ⁺	Trivex		Normal AR	Multi AR	Super AR	UV blue protect	Tint	Variomatic brown
—	—	—	■	■		■	■	■	■	■	■
			incl. hard coating	incl. hard coating only available with SAR					only HI 1.67 or PC		only Polycarbonate or Trivex
—	—	—	■	■		■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
—	—	—	■	■		■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
—	—	—	■	■		■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
			+ 3.5 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.

Prescription safety spectacles

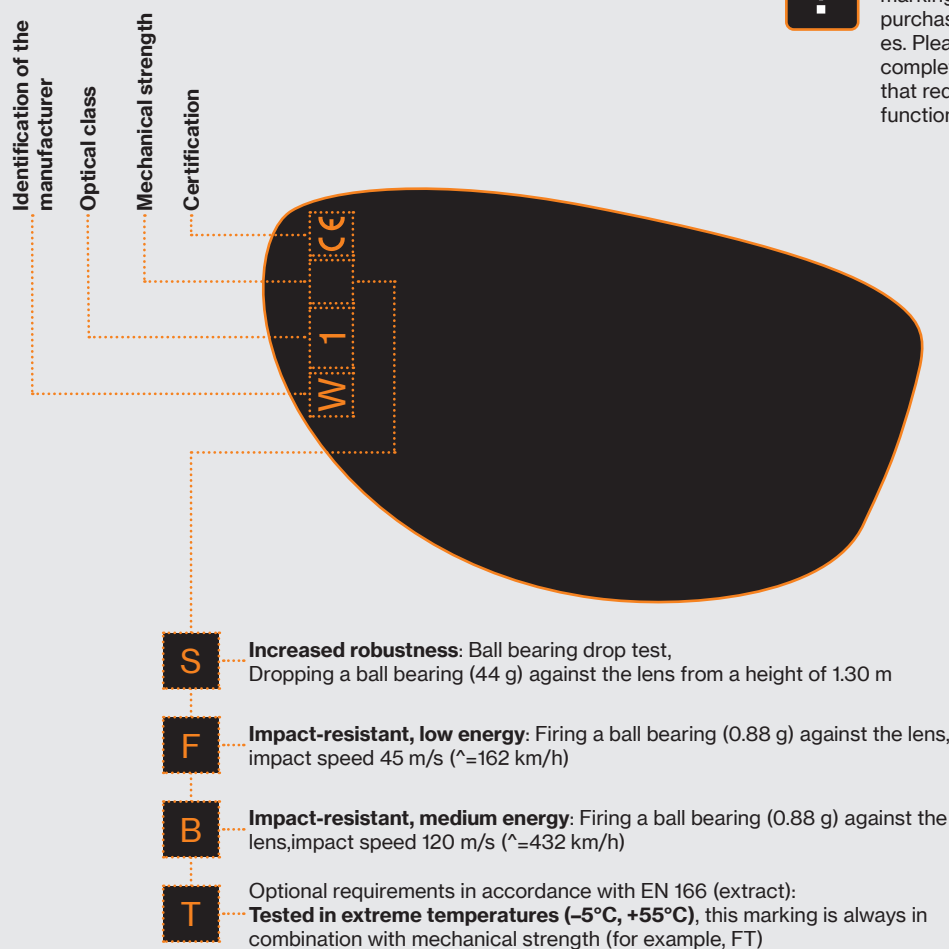
Certification and marking

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.

Prescription safety spectacles

Certification and marking

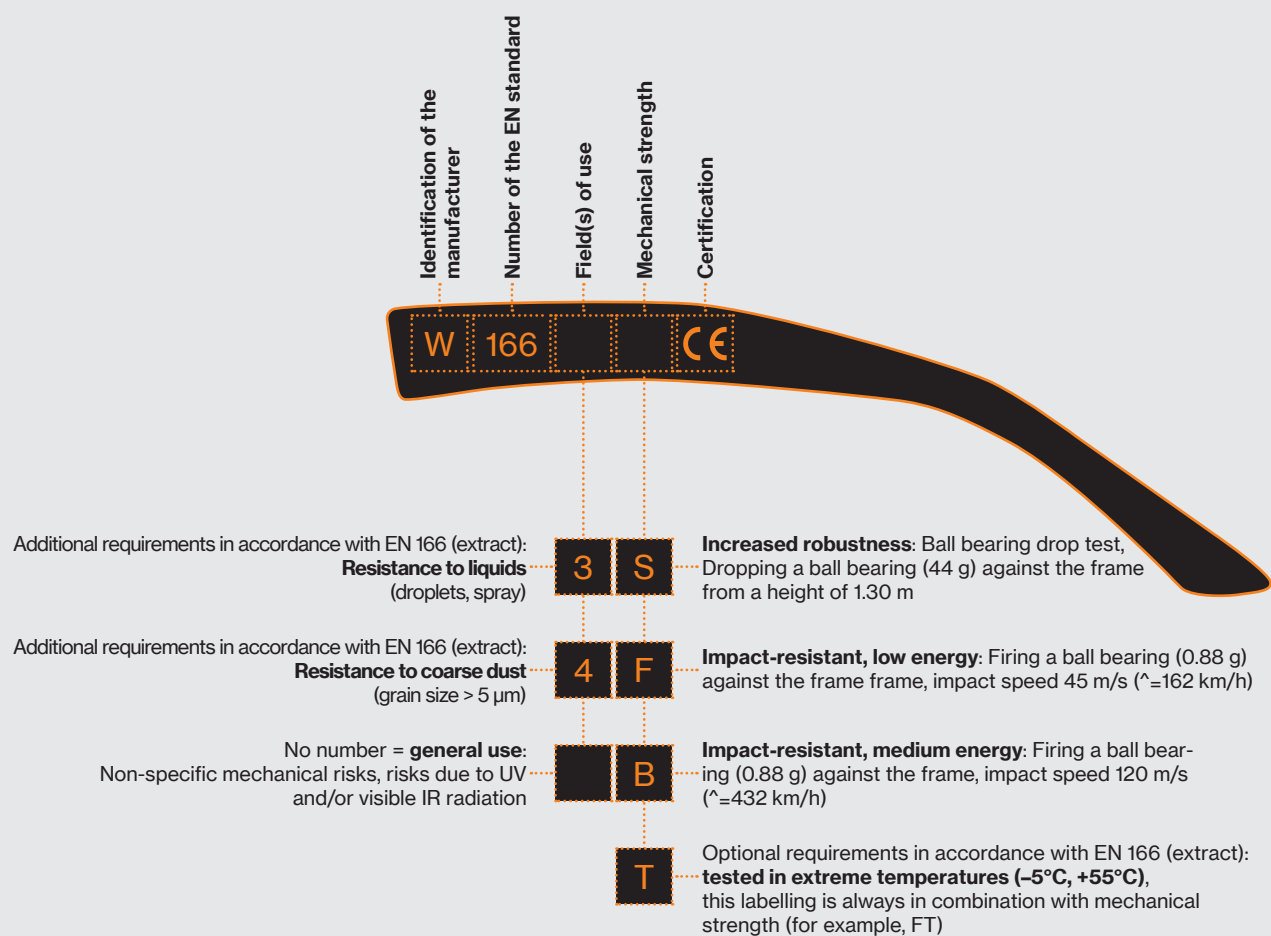
Marking

- 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



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 dioptries 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
< 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

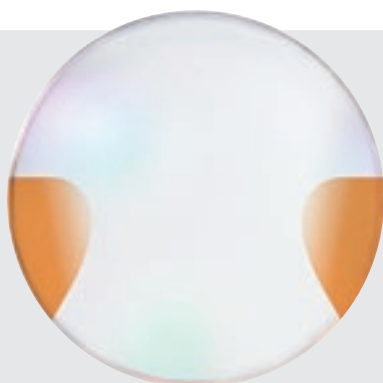
Bifocal

- 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

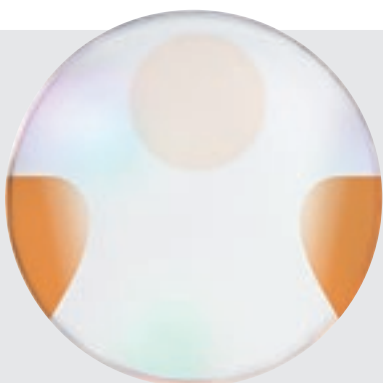


Varifocal lenses

- 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

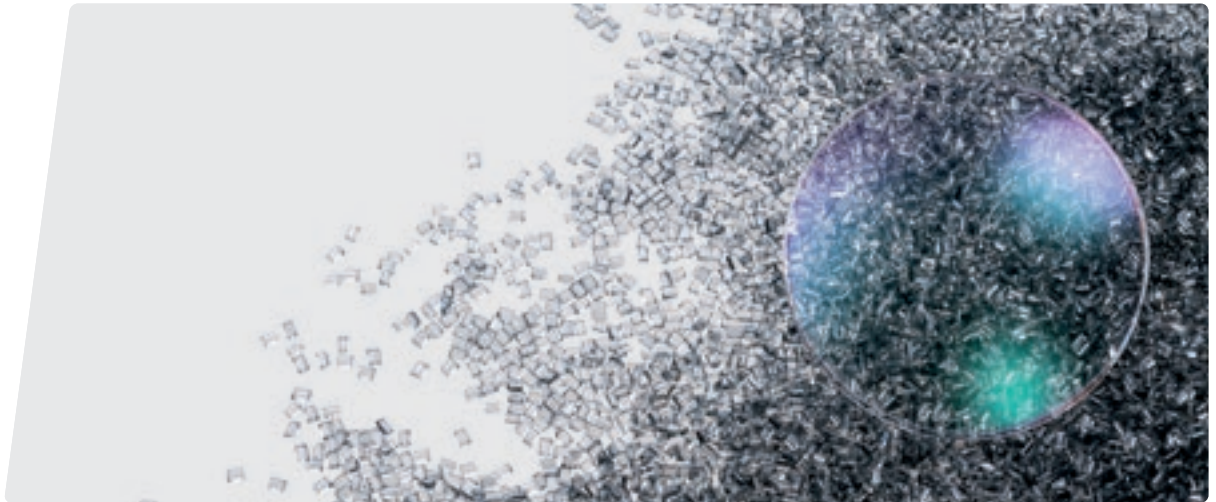


Varifocal OR

- 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+ – polycarbonate with increased centre thickness and mechanical strength 'B' (120 m/sec), especially for the uvex RX goggle

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)

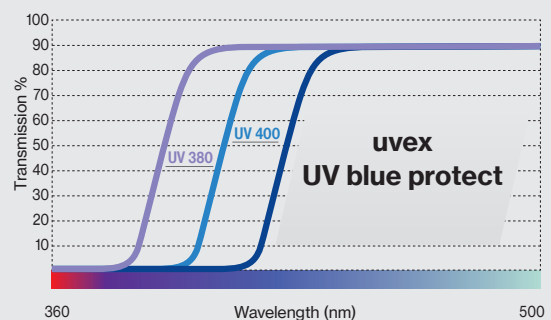
- mechanical strength 'S' (ball drop test)
- highly scratch-resistant surface suitable for working with chemicals and paints
- heavy, not recommended for prescription values greater than +/-4.0 dpt.
- spark penetration when welding or grinding

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

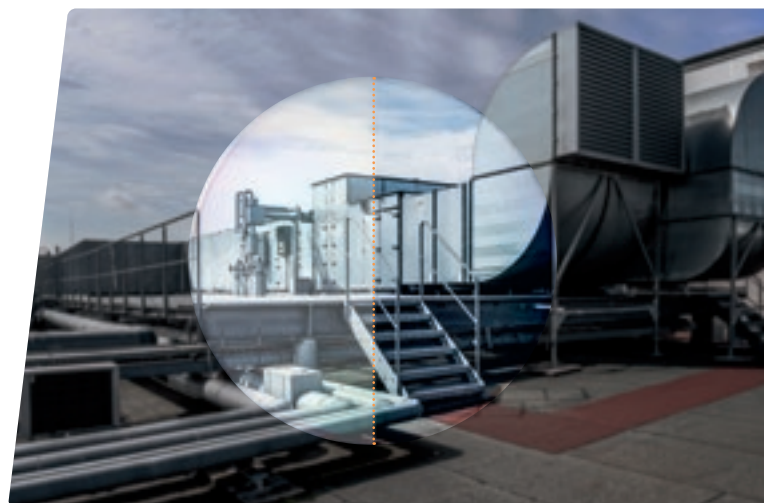
Anti-reflective coating

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

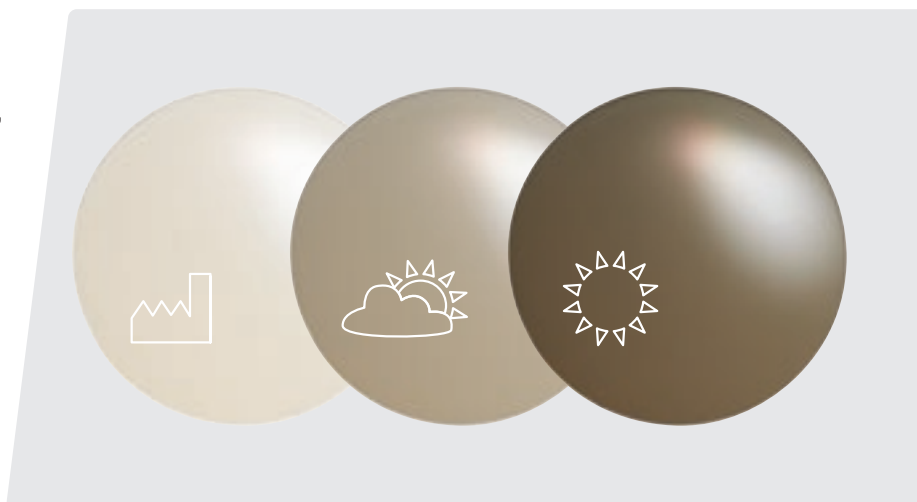
Tinted lenses provide effective protection against glare in areas with high light intensity (for example, sunlight)

Constant tinting

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

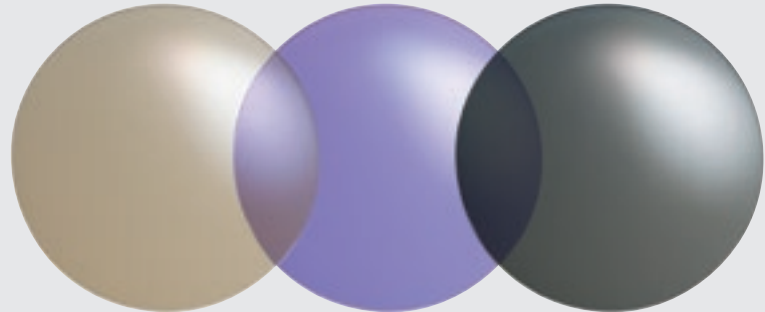
Variable tinting – Variomatic™

- 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.



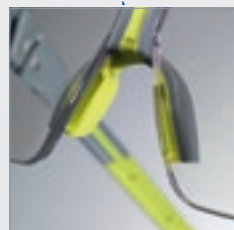
Variable side arm inclination

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 supravision excellence

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

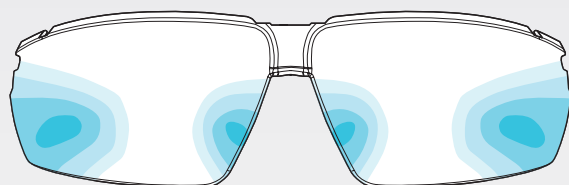
MADE IN GERMANY 

Patent no.: DE 10 2012 207 384

Perfection in every detail

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

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



optical lens designed by
optiswiss
original since 1937

Progression zones

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

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

uvex i-3 add

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

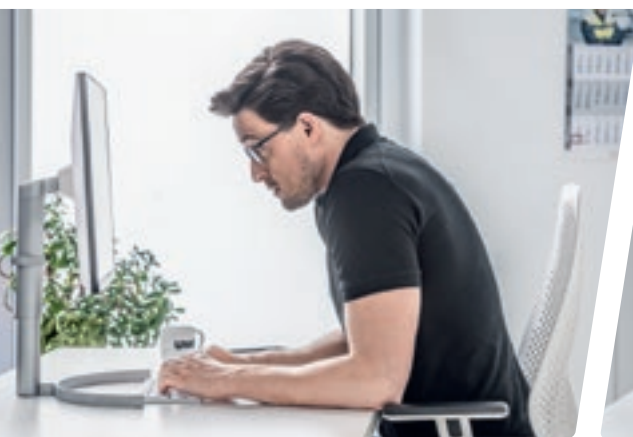
VDU spectacles

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 Standard, Nahcomfort Optima

- 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
< 50 years	50 to 55 years	> 55 years

VDU spectacles

Focus types

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-reflective coating and a scratch-resistant coating.



Tint

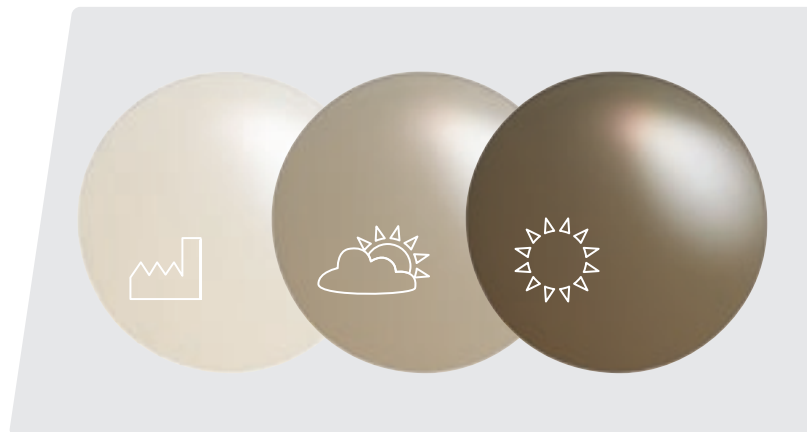
Tinted lenses provide effective protection against glare in areas with high light intensity (for example, sunlight)

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



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
- multi 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 ≈ 4%	Residual reflection < 2%



VDU spectacles

Metal frames



6110049



6110052



6110053



6110054



6110055



6110056

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

VDU spectacles

Metal frames



6110050



6110051



6110019



6110033



6110034



6110018

	uvex 3112	uvex 3113 (previously 3104)	uvex 3106	uvex 3107	uvex 3108	uvex 3103 Half-moon spectacles
Art. no.	6110050	6110051	6110019	6110033	6110034	6110018
Ref. no.	3112 1233 54/17	3113 1000 53/18	3106 5100 50/20	3107 1000 55/17	3108 1400 54/18	3103 1400 50/20
Lens diameter	54 mm	53 mm	50 mm	55 mm	54 mm	50 mm
Bridge width	17 mm	18 mm	20 mm	17 mm	18 mm	20 mm
Colour	black, blue	black	maroon	black	gun	gun

VDU spectacles

Plastic frames



6110046



6110048



6110037



6110039

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

VDU spectacles
Plastic frames



6110059

6110060



6110061

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

VDU spectacles

Titanium frames · Nylon frames



6110057



6110024



6110058



6110043

	Titanium frames		Metal nylon frames	
	uvex 3900	uvex 3901	uvex 2104	uvex 2105
Art. no.	6110057	6110058	6110024	6110043
Ref. no.	3900 5500 53/16	3901 1400 56/17	2104 1900 54/18	2105 1174 52/17
Lens diameter	53 mm	56 mm	54 mm	52 mm
Bridge width	16 mm	17 mm	18 mm	17 mm
Colour	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).

uvex high-fit u-cut/flex



- made from soft silicone
- very comfortable to wear
- adjusts more flexibly to the ear canal (uvex high-fit u-cut)

uvex high-fit temp flex/duro



- uvex high-fit temp flex made from thermoplastic material
- uvex high-fit duro made of acrylic
- silicone-free
- ideal for the paint-processing industry

uvex high-fit duro active



- customised hearing protection otoplastics with fully digital, active noise limitation
- assists the wearer in situations where hearing and communicating may be difficult (communication/early detection of quiet sounds)
- electronic limiting technology provides outstanding protection against impulse sounds (bang/shot)

detec

All 'detec' models have a metal ball bearing inside so that they can be easily located using a metal detector if lost. Being able to detect the products is a requirement in some industries and particularly in the food industry.

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

1

Appointment and consultation

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

✉ high-fit@uvex.de

2

Workplace analysis and product identification

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

3

Production of otoplastics

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

The high-fit duro active is a new product developed specifically for people working in very noisy environments that still require communication, regardless of their hearing ability.

For people with hearing difficulties, the system can be adapted and tailored to meet their level of hearing impairment.



high-fit duro active

This means, for example, that the system can be adapted to meet the specific requirements of a person with existing hearing difficulties. An electronic, active hearing protection system with a fully digital high-tech amplifier that uses finely tuned and highly sensitive microphones to provide the best directional and optimal ambient hearing. The combination of customised otoplastic hearing protection together with our finely controlled amplifier technology ensures the highest level of hearing protection and sound clarity. This means that the high-fit duro can confidently be used up to an exposure level of 112 dB(A).

The high-tech amplifier technology offers outstanding performance with impulse sounds, such as a bang or a shot (up to 164 dB).

The electronic limitation and reopening after the impulse sound takes less than 10 milliseconds.

The CeruStop cerumen filter system protects against moisture and sweat.

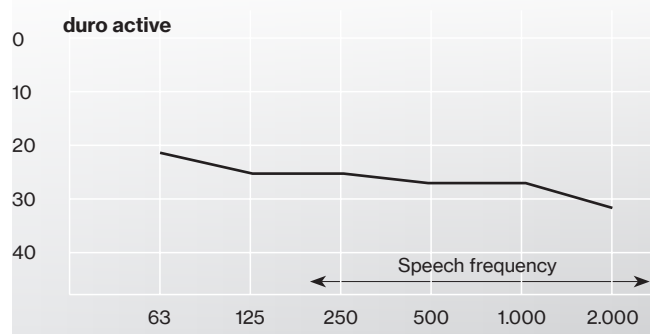
The high-fit duro active not only protects the hearing but also assists the wearer in situations where hearing and communication may be difficult, such as communicating in very noisy workplaces or where early detection of quiet sounds is required.

uvex high-fit Industrial otoplastics



6170840

Frequency-dependent attenuation



uvex high-fit duro active

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

Areas of application:

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

uvex high-fit duro active

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

uvex high-fit duro active (black filter element)

SNR 26 dB – H 28 dB M 22 dB L 20 dB

f / Hz	63	125	250	500	1000	2000
Attenuation / dB	21.5	25.3	25.2	27.1	27	31.6
SD / dB	7.3	8.6	7.2	6.3	6.3	4.1
APV / dB	14.2	16.7	18	20.8	20.7	27.5



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

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

Replacement cerumen filters

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

uvex high-fit Industrial otoplastics



6170720
6170726

uvex high-fit u-cut HC

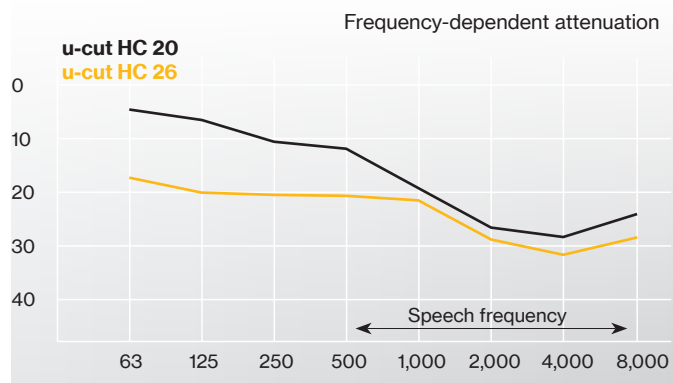
- half-concha custom otoplastic design
- soft silicone material (dermatologically tested)
- removable otoplastics for the auditory canal offer maximum flexibility; can also compensate for strong jaw movement
- thanks to its unique design, this otoplastic is softer, lighter and more flexible in the auditory canal and on the ear 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 HC		
Art. no.	6170720	6170726
Standard	EN 352	EN 352
		S, W, E ₂
SNR	20 dB	26 dB
Colour	transparent	transparent

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



uvex high-fit u-cut HC 20 (black filter element)									
SNR 23 dB – H 25 dB M 17 dB L 12 dB									
f / Hz	63	125	250	500	1000	2000	4000	8000	
Attenuation / dB	8.8	10.1	13.1	16.3	23.0	29.7	32.5	28.9	
SD / dB	4.3	3.7	2.6	4.5	3.9	3.1	4.3	4.9	
APV / dB	4.5	6.4	10.5	11.8	19.1	26.6	28.2	24.0	

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 ₂									
f / Hz	63	125	250	500	1000	2000	4000	8000	
Attenuation / dB	23.9	25.1	24.6	25.4	25.9	32.7	36.1	32.3	
SD / dB	6.7	5.1	4.3	4.8	4.5	3.8	4.4	3.9	
APV / dB	17.2	20.0	20.3	20.6	21.4	28.9	31.7	28.4	

uvex high-fit Industrial otoplastics



6170703
6170704

uvex high-fit u-cut HC

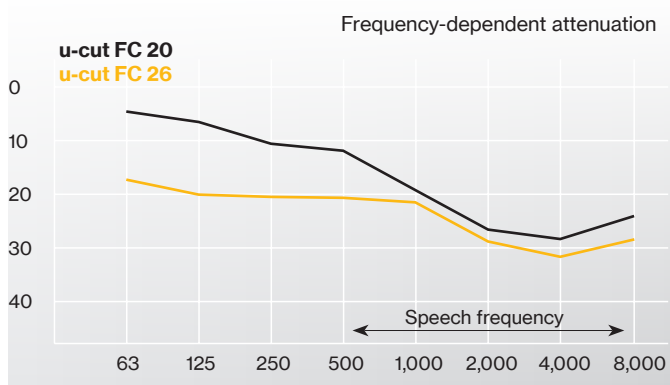
- full-concha custom otoplastic design
- soft silicone material (dermatologically tested)
- removable otoplastics for the auditory canal offer maximum flexibility; can also compensate for strong jaw movement
- thanks to its unique design, this otoplastic is softer, lighter and more flexible in the auditory canal and on the ear 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		
Art. no.	6170703	6170704
Standard	EN 352	EN 352
		S, W, E ₂
SNR	20 dB	26 dB
Colour	transparent	transparent

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



uvex high-fit u-cut FC 20 (black filter element)									
SNR 20 dB – H 25 dB M 17 dB L 12 dB									
f / Hz	63	125	250	500	1000	2000	4000	8000	
Attenuation / dB	8.8	10.1	13.1	16.3	23.0	29.7	32.5	28.9	
SD / dB	4.3	3.7	2.6	4.5	3.9	3.1	4.3	4.9	
APV / dB	4.5	6.4	10.5	11.8	19.1	26.6	28.2	24.0	

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 ₂									
f / Hz	63	125	250	500	1000	2000	4000	8000	
Attenuation / dB	23.9	25.1	24.6	25.4	25.9	32.7	36.1	32.3	
SD / dB	6.7	5.1	4.3	4.8	4.5	3.8	4.4	3.9	
APV / dB	17.2	20.0	20.3	20.6	21.4	28.9	31.7	28.4	

uvex high-fit Industrial otoplastics



6170023
6170026
6170028

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

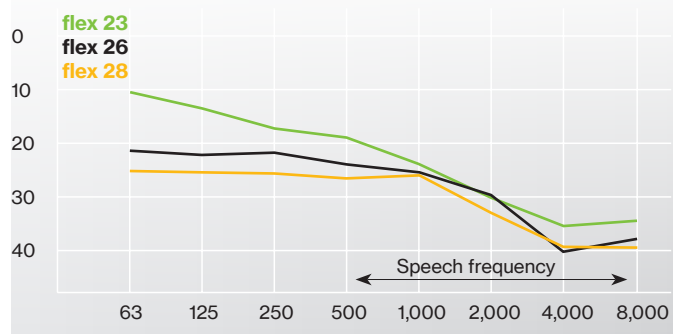
- otoplastic hearing protection individually adjusted to the ear canal
- best possible protection due to the perfect fit and a high level of wearer acceptance
- available in different filter strengths
- high level of wearer comfort with soft silicone material
- easy handling with comfortable grip
- antibacterial 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 ₂	S, W, E ₁
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.

Frequency-dependent attenuation



uvex high-fit flex 23 (green filter element)									
SNR 23 dB – H 27 dB M 19 dB L 15 dB									
f / Hz	63	125	250	500	1000	2000	4000	8000	
Attenuation / dB	10.5	13.7	17.2	19.0	23.9	30.5	35.6	34.4	
SD / dB	5.2	3.9	3.4	4.0	4.1	2.7	3.8	4.9	
APV / dB	5.3	9.8	13.8	15.0	19.8	27.8	31.8	29.5	

uvex high-fit flex 26 (black filter element)									
SNR 26 dB – H 28 dB M 23 dB L 20 dB									
Classification: S, W, ---, E ₂									
f / Hz	63	125	250	500	1000	2000	4000	8000	
Attenuation / dB	21.3	22.1	21.8	24.0	25.4	29.8	40.2	37.9	
SD / dB	5.8	4.9	3.1	3.7	2.3	4.0	2.6	6.2	
APV / dB	15.5	17.2	18.7	20.3	23.1	25.8	37.6	31.7	

uvex high-fit flex 28 (yellow filter element)									
SNR 28 dB – H 29 dB M 24 dB L 22 dB									
Classification: S, W, ---, E ₁									
f / Hz	63	125	250	500	1000	2000	4000	8000	
Attenuation / dB	25.2	25.4	25.7	26.6	26.0	33.0	39.3	39.4	
SD / dB	5.2	4.4	4.7	4.2	3.5	3.4	2.9	5.5	
APV / dB	20.0	21.0	21.0	22.4	22.5	29.6	36.4	33.9	

uvex high-fit Industrial otoplastics



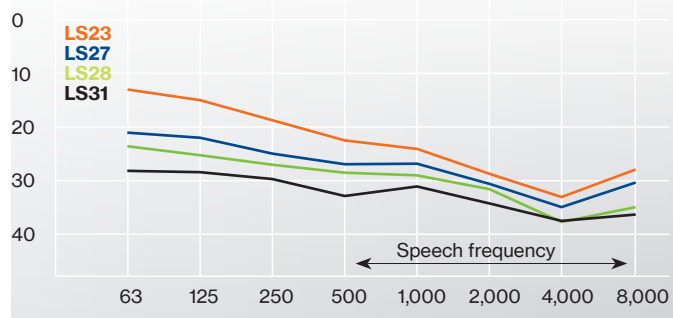
6170223
6170227
6170228
6170231

uvex high-fit flex LS

- otoplastic hearing protection individually adjusted to the ear canal with laser-produced stainless steel filter
- best possible protection due to the perfect fit and high a 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

uvex high-fit flex LS				
Art. no.	6170223	6170227	6170228	6170231
Standard	EN 352-2	EN 352-2	EN 352-2	EN 352-2
	W	S, W, V, E ₂	S, W, V, E ₁	S, W, V, E ₁
SNR	23 dB	27 dB	28 dB	31 dB
Colour	transparent	transparent	transparent	transparent

Frequency-dependent attenuation



uvex high-fit flex LS 23 (stainless steel filter)									
SNR 23 dB – H 25 dB			M 21 dB		L 16 dB		Classification: ---, W, ---, ---		
f / Hz	63	125	250	500	1000	2000	4000	8000	
Attenuation / dB	13.0	14.8	18.6	22.4	24.0	28.7	33.1	27.9	
SD / dB	5.2	5.4	3.1	4.0	3.6	3.3	3.7	4.4	
APV / dB	7.8	9.4	15.5	18.4	20.4	25.4	29.4	23.5	

uvex high-fit flex LS 27 (stainless steel filter)									
SNR 27 dB – H 27 dB			M 25 dB		L 23 dB		Classification: S, W, V, E ₂		
f / Hz	63	125	250	500	1000	2000	4000	8000	
Attenuation / dB	20.9	21.9	24.9	26.9	26.8	30.6	35.0	30.4	
SD / dB	4.9	3.0	3.6	3.3	3.2	3.4	4.1	5.3	
APV / dB	16.0	18.9	21.3	23.6	23.6	27.2	30.9	25.1	

uvex high-fit flex LS 28 (stainless steel filter)									
SNR 28 dB – H 29 dB			M 25 dB		L 23 dB		Classification: S, W, V, E ₁		
f / Hz	63	125	250	500	1000	2000	4000	8000	
Attenuation / dB	23.6	25.2	27.0	28.5	29.0	31.6	37.8	35.0	
SD / dB	4.3	5.3	4.3	5.6	4.5	3.7	3.6	4.6	
APV / dB	19.3	19.9	22.7	22.9	24.5	27.9	34.2	30.4	

uvex high-fit flex LS 31 (stainless steel filter)									
SNR 31 dB – H 30 dB			M 28 dB		L 26 dB		Classification: S, W, V, E ₁		
f / Hz	63	125	250	500	1000	2000	4000	8000	
Attenuation / dB	28.2	28.4	29.7	32.9	31.1	34.3	37.6	36.4	
SD / dB	8.0	5.5	4.5	4.0	4.8	5.2	3.6	5.6	
APV / dB	20.2	22.9	25.2	28.9	26.3	29.1	34.0	30.8	

uvex high-fit Industrial otoplastics



6170524
6170528

uvex high-fit temp flex

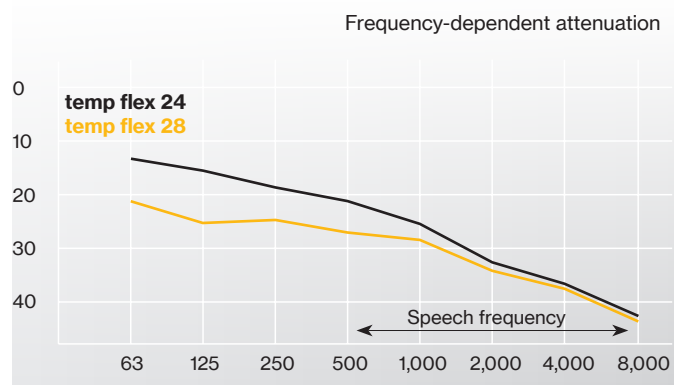
- otoplastic hearing protection individually adjusted to the ear canal
- fully silicone-free
- best possible protection due to the perfect fit and a high level of wearer acceptance
- available in different filter strengths
- easy handling with comfortable grip
- adapts perfectly to the anatomy of the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

Areas of application:

- ideally suitable for the paint-processing industry

uvex high-fit temp flex		
Art. no.	6170524	6170528
Standard	EN 352-2	EN 352-2
		S, W, E ₂
SNR	24 dB	28 dB
Colour	transparent	transparent

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



uvex high-fit temp flex 24 (black filter element)								
SNR 24 dB – H 28 dB	M 21 dB	L 16 dB						
f / Hz	63	125	250	500	1000	2000	4000	8000
Attenuation / dB	13.1	15.5	18.5	21.1	26.3	32.4	36.5	42.4
SD / dB	3.2	5.1	4.2	3.7	5.4	3.7	4.1	3.9
APV / dB	9.9	10.4	14.3	17.4	20.9	28.7	32.4	38.5

uvex high-fit temp flex 28 (yellow filterelement)								
SNR 28 dB – H 30 dB	M 24 dB	L 21 dB						
								Classification: S, W, ---, E ₂
f / Hz	63	125	250	500	1000	2000	4000	8000
Attenuation / dB	21.2	25.2	24.7	27.0	28.3	34.1	37.4	43.4
SD / dB	5.5	5.7	6.0	4.9	4.9	3.2	3.5	4.2
APV / dB	15.7	19.5	18.7	22.1	23.4	30.9	33.9	39.2

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

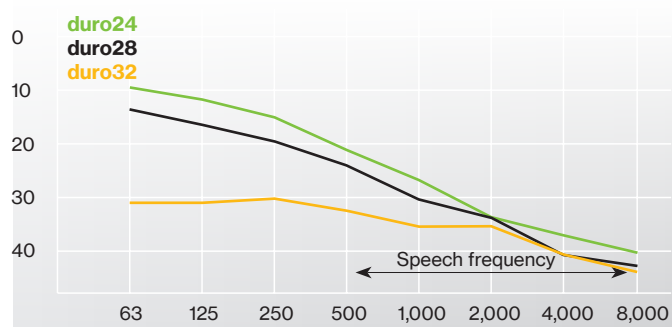
Areas of application:

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

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

Frequency-dependent attenuation



uvex high-fit duro 24 (green filter element)								
SNR 24 dB – H 30 dB	M 21 dB	L 15 dB						
f / Hz	63	125	250	500	1000	2000	4000	8000
Attenuation / dB	9.7	11.7	15.1	20.9	26.9	33.7	36.9	40.2
SD / dB	3.7	3.1	2.3	3.0	3.6	3.3	2.7	5.5
APV / dB	6.0	8.6	12.8	17.9	23.3	30.4	34.2	34.7

uvex high-fit duro 28 (black filter element)								
SNR 28 dB – H 32 dB	M 24 dB	L 18 dB						
f / Hz	63	125	250	500	1000	2000	4000	8000
Attenuation / dB	13.6	16.2	19.6	24.0	30.3	33.8	40.8	42.8
SD / dB	3.1	4.2	3.2	3.0	3.6	3.5	2.3	4.6
APV / dB	10.5	12.0	16.4	21.0	26.7	30.3	38.5	38.2

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 ₁
f / Hz	63	125	250	500	1000	2000	4000	8000
Attenuation / dB	31.0	31.0	30.2	32.3	35.3	35.2	40.5	43.4
SD / dB	5.6	6.6	4.9	6.1	6.9	3.5	3.1	5.3
APV / dB	25.4	24.4	25.3	26.2	28.4	31.7	37.4	38.1

uvex high-fit Special model



6170315
6170320
6170326

uvex high-fit u-cut com4

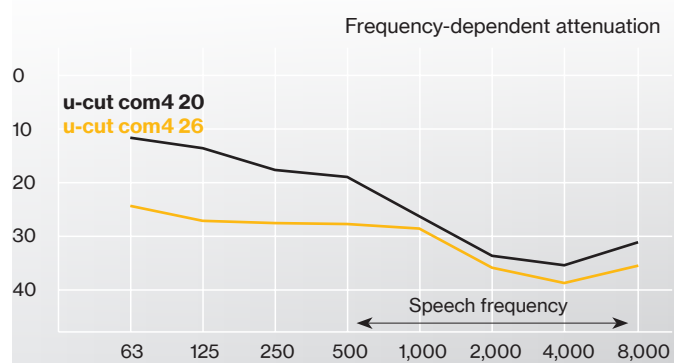
- otoplastic hearing protection customised to the wearer's auditory canal
- soft silicone material (dermatologically tested)
- removable otoplastics for the auditory canal offer maximum flexibility
- ideal for leisure activities thanks to small auditory canal design without grip
- with anti-bacterial 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			
Art. no.	6170315	6170320	6170326
Standard	EN 352	EN 352	EN 352
			S, W, -, E ₂
SNR	15 dB	20 dB	26 dB
Colour	transparent	transparent	transparent



uvex high-fit u-cut com4 20 (black filter element)

SNR 20 dB – H 25 dB	M 17 dB	L 12 dB					
f / Hz	63	125	250	500	1000	2000	4000 8000
Attenuation / dB	8,8	10,1	13,1	16,3	23,0	29,7	32,5 28,9
SD / dB	4,3	3,7	2,6	4,5	3,9	3,1	4,3 4,9
APV / dB	4,5	6,4	10,5	11,8	19,1	26,6	28,2 24,0

uvex high-fit u-cut com4 26 (yellow filter element)

SNR 26 dB – H 28 dB	M 23 dB	L 21 dB					
f / Hz	63	125	250	500	1000	2000	4000 8000
Attenuation / dB	23,9	25,1	24,6	25,4	25,9	32,7	36,1 32,3
SD / dB	6,7	5,1	4,3	4,8	4,5	3,8	4,4 3,9
APV / dB	17,2	20,0	20,3	20,6	21,4	28,9	31,7 28,4

uvex high-fit Accessories



6177112

uvex high-fit band

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

Areas of application:

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

Band	
Art. no.	6177112
Order unit	PC



6177116

uvex clear otoplastics

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

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



6177115

uvex click case

- small click case for otoplastics

uvex click case	
Art. no.	6177115
Order quantity multiples	10 PC

uvex high-fit
Special features



Colours

uvex high-fit flex, uvex high-fit flex LS, uvex high-fit temp flex and uvex high-fit duro 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 produce uvex high-fit flex in green, white, yellow, orange or unobtrusive beige.

On request, we can supply you with uvex high-fit otoplastics made of silicone material in red and/or blue at no additional cost.



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 high-fit replacement kits

Detectable replacement kit for:

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

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

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

Detectable replacement kit for:

- uvex high-fit flex com detec

Detectable replacement kit	
Art. no.	6177211
Design	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
Order quantity multiples	10 PC



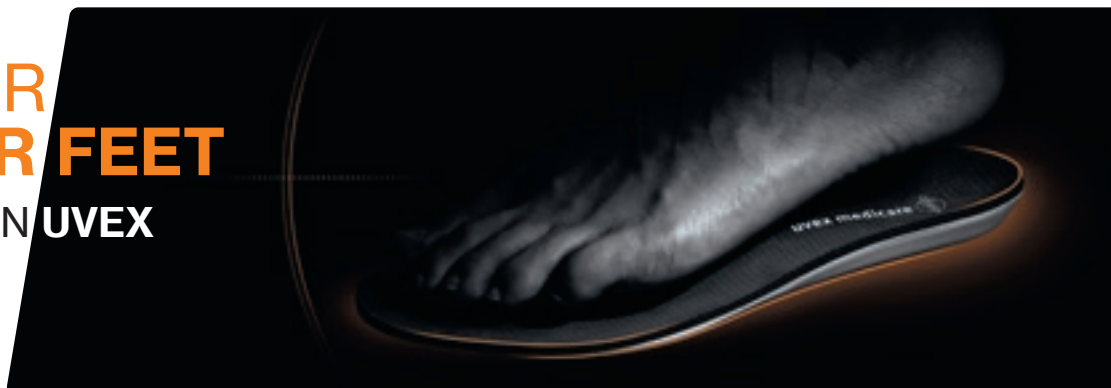
uvex

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



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.

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

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

uvex medicare

uvex motion 3XL



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

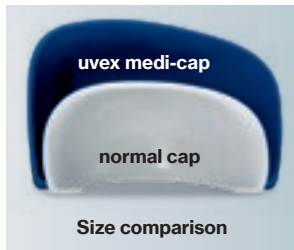
Areas of application:

- 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
Art. no.	64963
Width	> 15
Standard	EN ISO 20345: 2011 S3 SRC
Upper material	breathable, water-resistant
	high-tech microvelour
Size	35 to 50
Grobe	35 DIS 50

uvex medicare

uvex motion 3XL safety footwear – functionality in every detail



Exceptionally high, anatomically shaped toe cap

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

Secure and adjustable lacing system

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



Soft, elasticated transition

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

Increased space

Additional space for movement to reduce pressure points.

← +1 cm



All-round cap for impact protection

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

Metal-free toe cap and midsole

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

Generous foot width

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

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

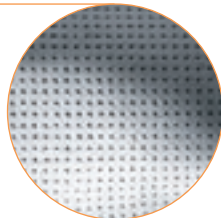
Comfortable customised inserts – Insert technology for tailor-made treatment

EVA soft-foam technology



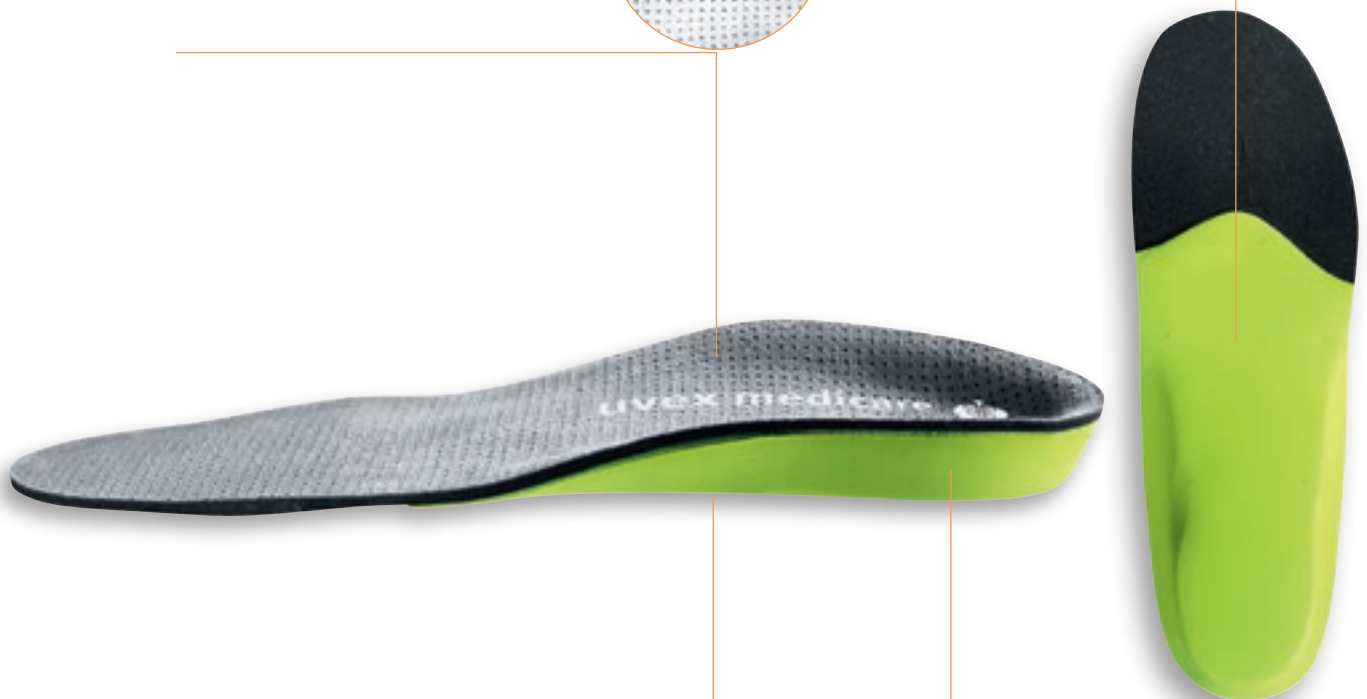
uvex 3D hydroflex® foam

- 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

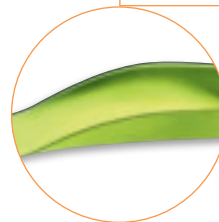
- modular concept
- adapts to assist natural movement



VARIOUS MEDICAL CONCEPTS

Applicable – depending on classification:

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



SUPPORTING CORE

- 2 levels of shoe 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.

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

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

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

Orthopaedic shoe adjustments



6499911

Shoe lift

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

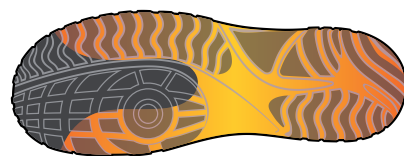
A shoe lift should never exceed 3 cm.



6499913

Roller sole

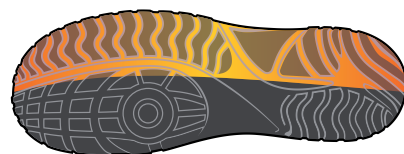
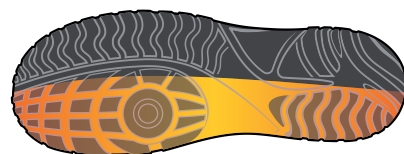
A roller sole eases the burden on the feet during your stride. The precise effect is governed by the location of the pressure point. This helps adjust the length of your stride.



6499914

Butterfly roller

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



6499915

Outer and inner sole wedges

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

Orthopaedic shoe adjustments	
Art. no.	6499911
Design	orthopaedic shoe lift
	up to 1 cm per side
Ausführung	orthopädische Schuherhöhung
Art. no.	6499912
Design	shoe lift per additional cm
	(up to max. 3 cm) per side
Art.-Nr.	6499912
Ausführung	Schuherhöhung je weiterer angefangener cm
Art. no.	6499913
Design	rocker sole
Art. no.	6499914
Design	butterfly roller
Art. no.	6499915
Design	external or internal edge lift
Ausführung	Schmetterlingsrolle
Art. no.	6499907
Design	sole stiffener (only as addition in connection with a shoe adjustment initial position)
Ausführung	Außen- oder Innenranderrhöhung
Art.-Nr.	6499907
Ausführung	Sohlenversteifung (nur als Zusatz in Verbindung mit einer Schuhzurichtungsgrundposition)

The declarations of conformity are available to download at: www.uvex-safety.de/ce-medicare

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



uvex

**CORRECTED.
PROTECTED.
PERFORM!**

uvex sportstyle RX

prescription sports eyewear.

uvex-sportstyle-rx.com

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protecting people