

uvex

Prescription Safety Eyewear 2021



protecting people

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.

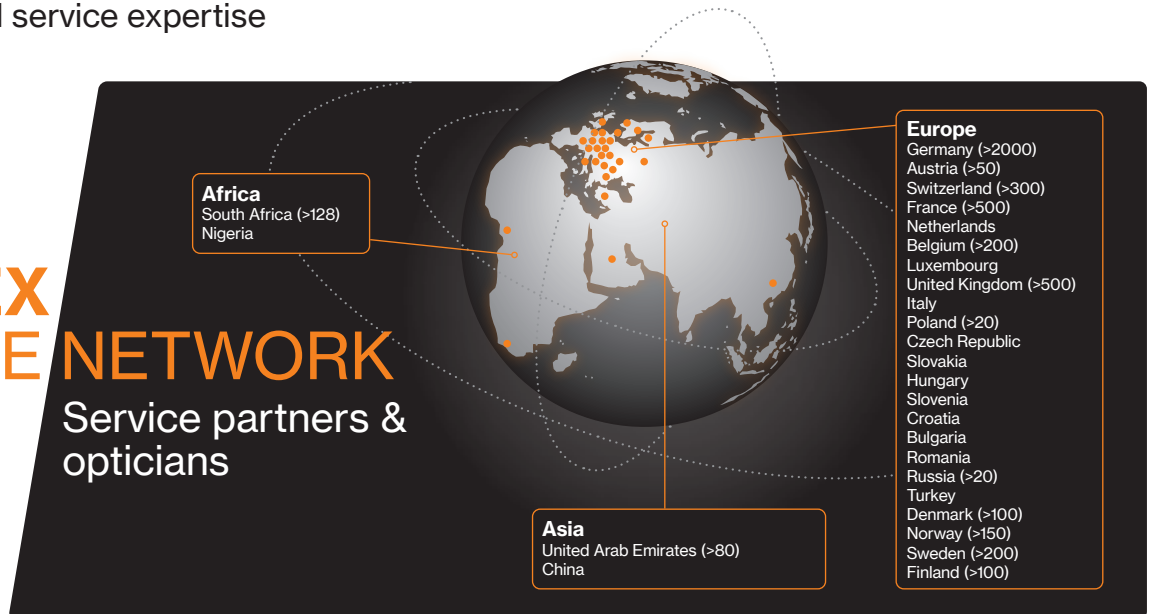
Please contact us for further, non-binding information.

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.

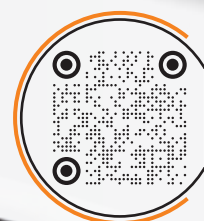
For example, test at the touch of a button the effect different filters have on the optical properties of spectacles. The app includes striking videos which show the impact tests conducted to determine the stability of lenses. Comprehensive product brochures can also be downloaded for detailed information.

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 30	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 	Width of segment: 28 mm, curved	
	Bifocal Comfort 		
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 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 	Optima and varifocal OR min. 17 mm Optima HD min. 16 mm (depending on the corridor length) Zero line of sight
	Varifocal OR 	Varifocal OR (CR 39 and PC only) +4.5 to -10.0 dpt. at maximum value cyl. +/- 6.0 dpt. Add. +3.0	
Certified prescription range			

- 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 20/21



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 20/21



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 20/21



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 20/21

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 20/21


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




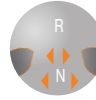
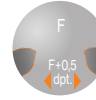







uvex RX cd 5505 flip-up welding protection

- 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	Distanzcomfort Optima	Single vision Relax	
		Nahcomfort Standard, Nahcomfort Optima Versions see page 28	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	
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 Standard	Varifocal Pro Work	Varifocal Piccolo	Varifocal Top One	Varifocal Optima
				Varifocal Optima HD
				Varifocal OR
				Varifocal Standard
				Varifocal Pro Work
				Varifocal Piccolo
				Varifocal Top One
				Varifocal Optima
				Varifocal Optima HD
				Varifocal OR
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		

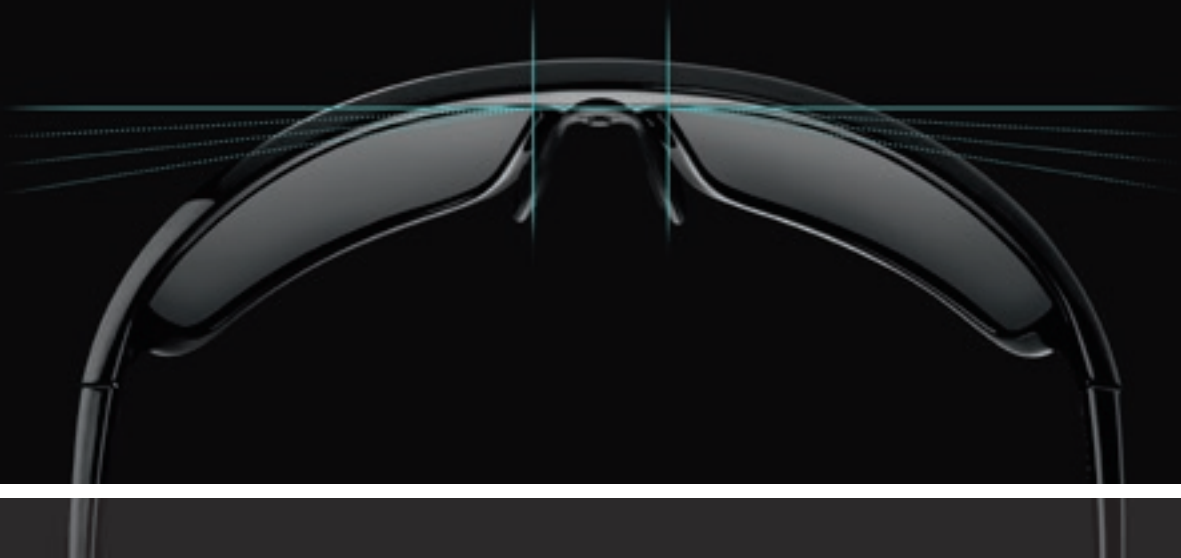
► In order to ensure optimum vision, uvex compensate the values in accordance to the frame wrap angle (FWA).
The overview below provides information on the lens options for uvex RX cd frames.
Please also ensure the frame fits correctly.

► 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

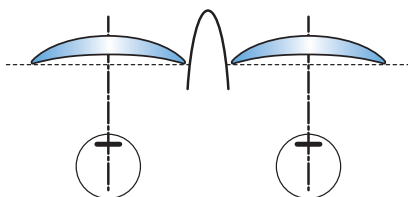
A number of individual parameters are taken into account in the manufacture of uvex HD lenses:

- 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.

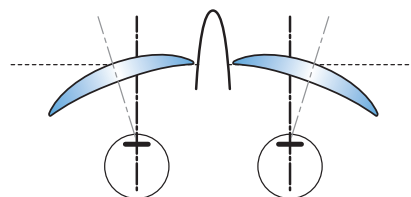
No greater customisation is possible.

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 26/27



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 26/27

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 26/27



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 26/27

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.



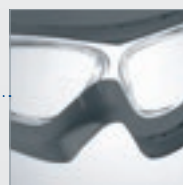
Flexible headband clip

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 26/27

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 28-33

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
			+ 3.50 to – 3.50 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.50 to – 3.50 dpt. at maximum value cyl. ±2.0 dpt.							+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.

Prescription safety spectacles

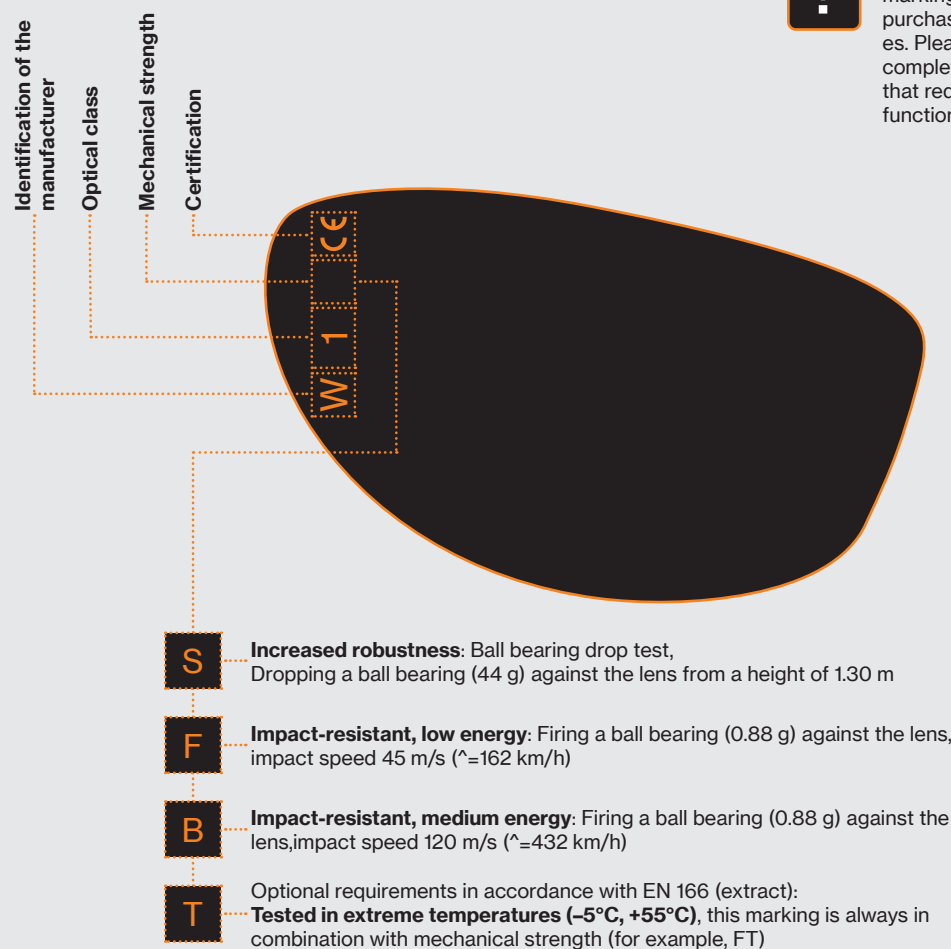
Certification and marking

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

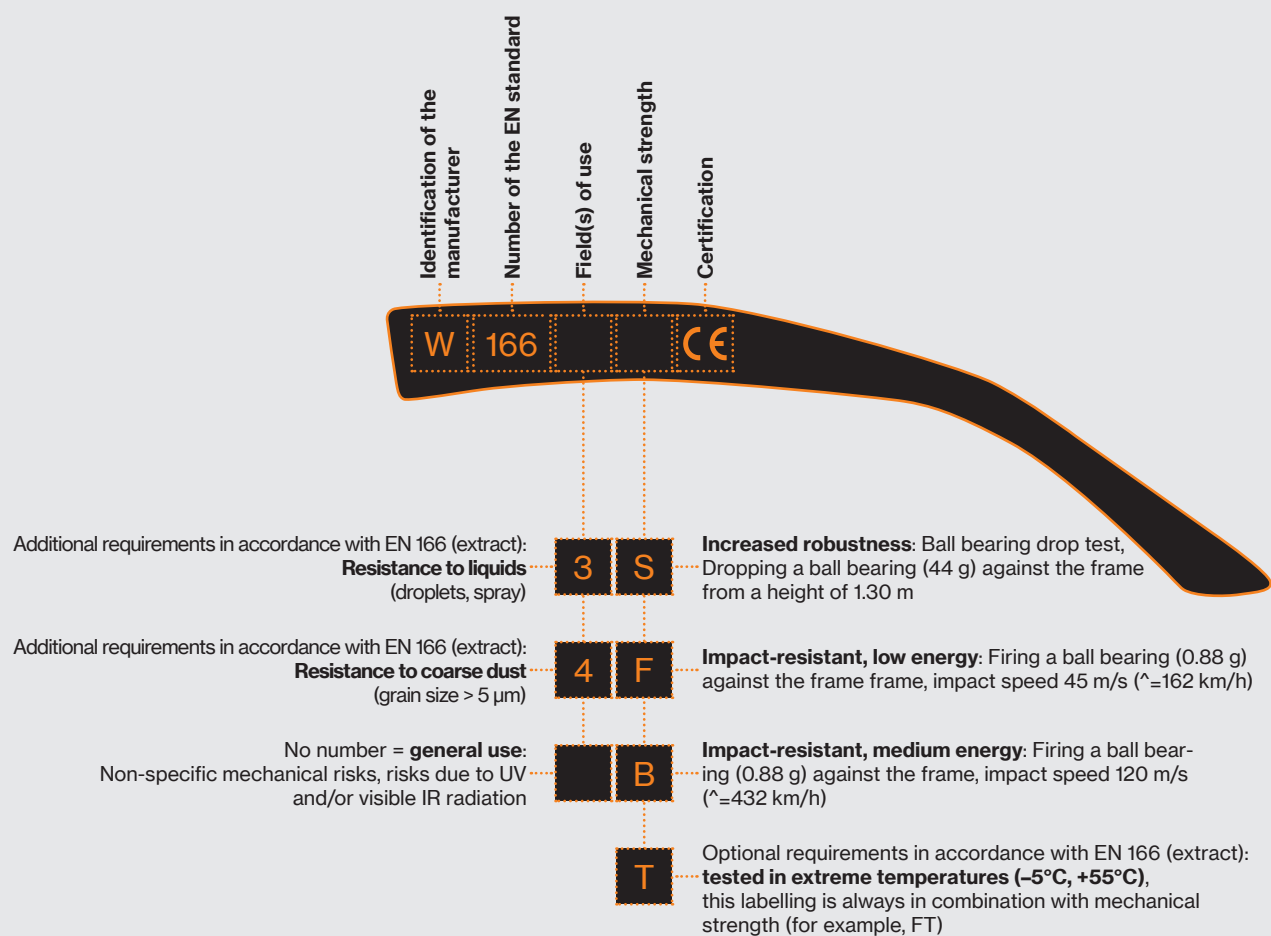
Marking

- 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 dioptres to an accuracy of one hundredth



Comfort lenses

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



Nahcomfort Standard, Nahcomfort Optima

- perfect solution for working distances between 30 cm and approx. 2 m
- the medium range of the lens surface is determined by the degression chosen and is designed for a distance of approx. 60 cm to 80 cm
- three versions are available, depending on the required reading addition (optional based on the age of the wearer)
- all that is needed to place an order are details of the close-range values and the required design (type A, B, C)
- when ordering the Nahcomfort Optima option, the inner surface of the raw lenses is calculated and manufactured, taking into account the correction, the glass curve and the distance between the eyes

Type A	Type B	Type C
Degression** 0.75 dpt	Degression** 1.25 dpt	Degression** 1.75 dpt
< 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

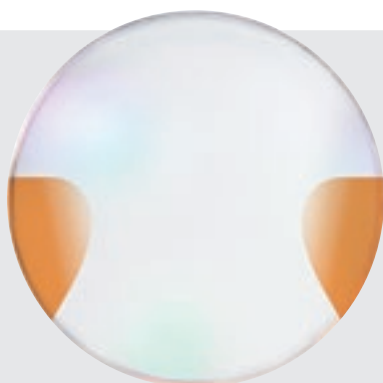
Bifocal

- 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

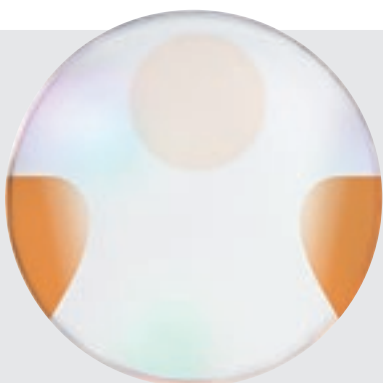


Varifocal lenses

- 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

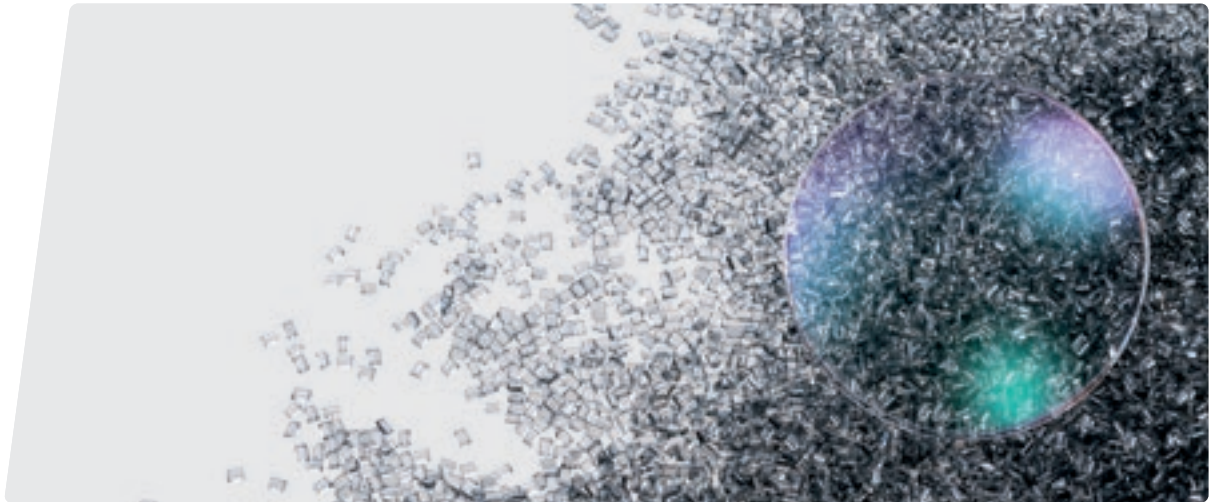


Varifocal OR

- 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)

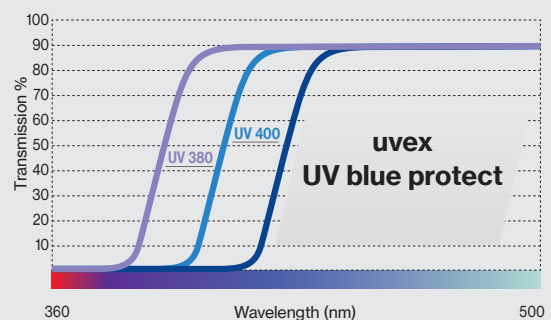
- mechanical strength 'S' (ball drop test)
- highly scratch-resistant surface suitable for working with chemicals and paints
- heavy, not recommended for prescription values greater than +/-4.0 dpt.
- spark penetration when welding or grinding

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

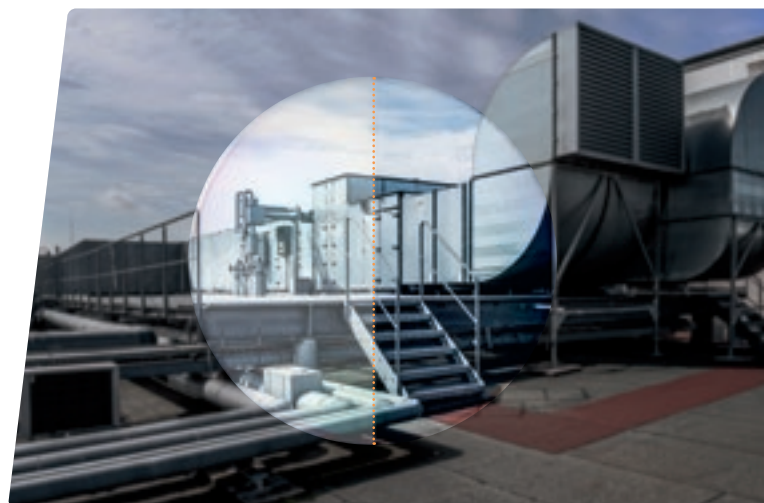
Anti-reflective coating

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

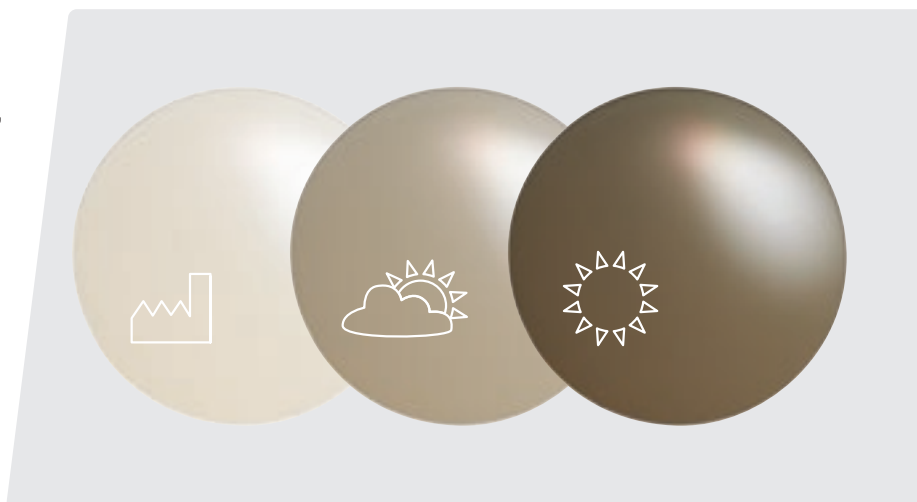
Tinted lenses provide effective protection against glare in areas with high light intensity (for example, sunlight)

Constant tinting

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

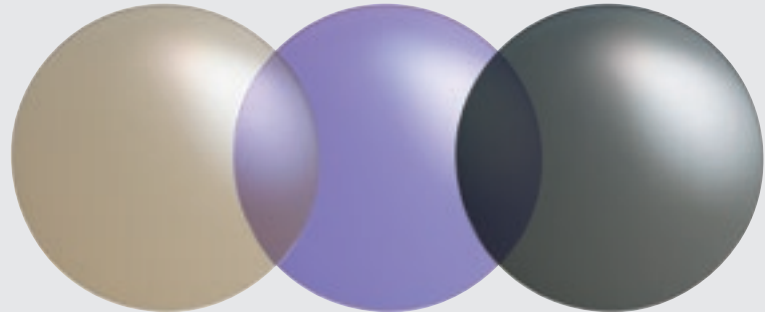
Variable tinting – Variomatic™

- 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.



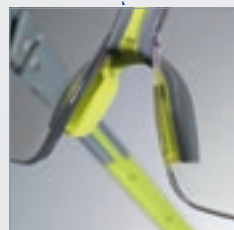
Variable side arm inclination

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.

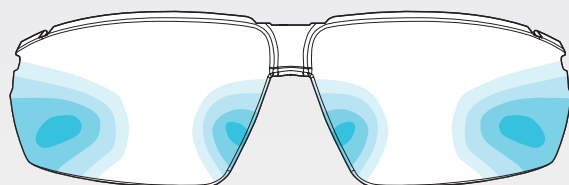
MADE IN GERMANY

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



uvex

**CORRECTED.
PROTECTED.
PERFORM!**

uvex sportstyle RX

prescription sports eyewear.

uvex-sportstyle-rx.com

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protecting people