

uvex

# 2024 Prescription Safety Eyewear

protecting people

The uvex brand is our responsibility

We have been producing and selling high-quality products for the protection of people in sport, leisure and work for **over 90 years**. And if you want to protect people, **you have to take responsibility**.

It is precisely from this mission that our obligation derives to act in a **sustainable, social and socially-responsible** manner.

# uvex Individual PPE

Organisational measures:

#### **Durability and waste prevention**

Compared to standard products (e.g. over-specs, disposable hearing protection), our custom protective products can be used for much longer. This saves valuable resources and reduces waste and CO<sub>2</sub> emissions over the entire period of use.

uvex hearing protection otoplastics, prescription safety spectacles and prescription VDU spectacles are supplied in reusable cases that can be used throughout their use. We are therefore making an important contribution to the prevention of packaging waste and at the same time we are extending the service life of our products.

#### **Expertise and supply network**

Decades of experience and reliable cooperation with our partners form the basis for the production of custom uvex protective products.

Our production partners are subject to regular audits and are obligated to comply with uvex social standards.

All uvex products are manufactured according to the strictest safety standards, regularly inspected, and certified by independent institutes.

#### **uvex hazardous substances list**

We do not use harmful ingredients for our individual protective products. The products are produced in accordance with the provisions of the REACH regulation and, in addition, in accordance with the requirements of the uvex banned hazardous substances list.



Durability  
of uvex safety spectacles  
with prescription approx.

**1.5**  
years of use

uvex hearing  
protection otoplastics

**100%**

nitrogen recovered from the  
production process and fed  
back into circulation



Packaging of uvex medicare insoles

**95%**

recycled cardboard

Durability of uvex  
hearing protection  
otoplastics approx.

**5**  
years of use

# SBU Occupational Health

Individual personal protective equipment from uvex

MADE IN  
UVEX



INDIVIDUAL ADJUSTMENT

## Individual personal protective equipment from uvex

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

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

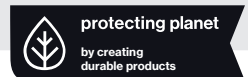
That's because standard solutions are not enough for uvex.

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

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

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

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



## 'Made in uvex'

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

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

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

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

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

CLAIM TO QUALITY



# SBU Occupational Health

Individual personal protective equipment from uvex

## Individual eye protection – uvex prescription safety spectacles

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



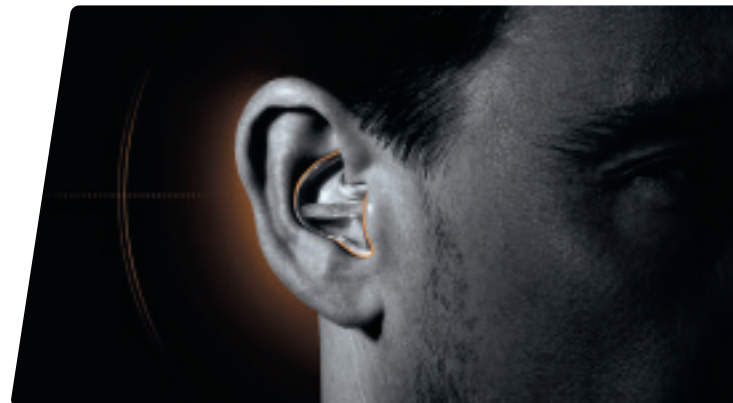
## Individual eye protection – uvex VDU spectacles

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



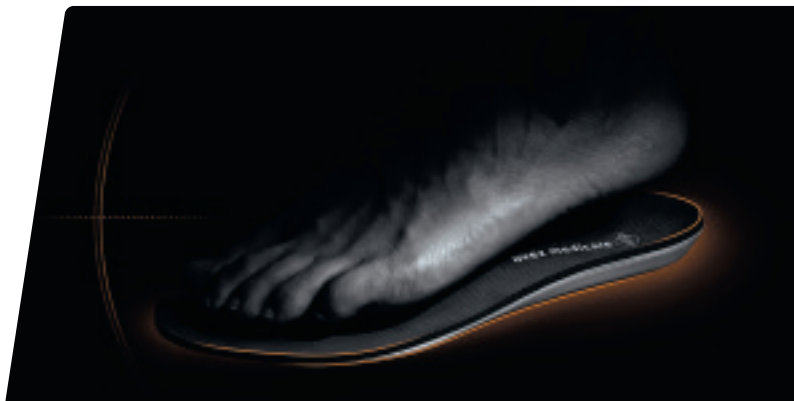
## Individual hearing protection – uvex high-fit

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



## Orthopaedic solutions for uvex safety shoes – uvex medicare

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



# SBU Occupational Health

Individual personal protective equipment from uvex

ONE BRAND.  
ONE VISION.  
ONE MISSION.



## OUR MISSION

### #protecting people

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

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

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

## OUR FUTURE

### Sustainable actions and social responsibility

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

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

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

## OUR SERVICE

### Time and location adapted to your needs

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

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



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



uvexsafetygroup



uvexsafetygroup



uvexsafety



uvexsafetygroup



**Prescription  
safety spectacles**



## Product system planet series › Individual PPE

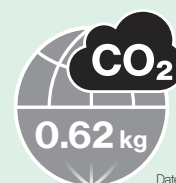
uvex has developed the **protecting planet** icon, to help raise awareness of its commitment to achieving increased sustainability. Based on the brand claim, **protecting people**, our sustainable approach integrates three core interlinked pillars – **ecology, economy** and **social responsibility**, that are incorporated throughout the business to improve our sustainability performance.

This explains the comprehensive audit, measurement and evaluation management process uvex undertakes along the entire value chain to ensure its products are as sustainable as possible.

# uvex

# RX cd 5521

# planet



Date created 05/2023\*



## protecting planet

by using bio-based material //  
by maximum reduction of pollutants

### Material and health protection

- › the frame is mostly made of high-quality, bio-based material
- › instead of crude oil, the base is made of the renewable raw material from the castor plant
- › 38 percent of the frame is based on castor oil
- › castor cultivation does not compete with food-growing areas or endanger forested areas
- › no harmful ingredients
- › produced in accordance with the provisions of the REACH regulation and beyond, according to the specifications of the uvex banned hazardous substances list

38%

of the frame is based on  
castor oil

Durability approx.

1.5

years of use



6109257

Health protection

REACH

regulations are exceeded



protecting planet

by creating durable products

#### Durability

- › uvex prescription safety spectacles are characterised by their durability
- › the average service life is 1.5 years, which saves valuable resources and reduces CO<sub>2</sub> emissions



protecting planet

by using environmentally-  
friendly packaging //  
by reducing waste

#### Packaging

- › uvex prescription safety spectacles are supplied with a case to extend the service life
- › the case can be reused after its useful life
- › this means we are making an important contribution to the prevention of packaging waste

# Prescription safety spectacles

Individual eye protection from uvex

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



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

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

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

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

## The collection

uvex offers a variety of frames for prescription safety spectacles.

### uvex RX bc plastic



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

### uvex RX bc metal



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

### uvex RX ti



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

### uvex RX cb



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

### uvex RX cd



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

### uvex RX sp



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

### uvex RX cd flip-up



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

### uvex RX cf



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



# Prescription safety spectacles

## Individual eye protection from uvex

### uvex as a partner for individual protective equipment

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

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

### Our service – your benefits

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

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



#### uvex experts:

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



#### uvex flexibility:

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



#### uvex expertise:

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



#### digital service tools:

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



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

### The easy steps to your prescription safety spectacles

**1**

#### Scheduled appointment and consultation

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

☎ +49 911 97361400

✉ [customerservice.sbu-oh@uvex.de](mailto:customerservice.sbu-oh@uvex.de)

**2**

#### Workplace analysis and product search

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

**3**

#### Finished prescription safety spectacles

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

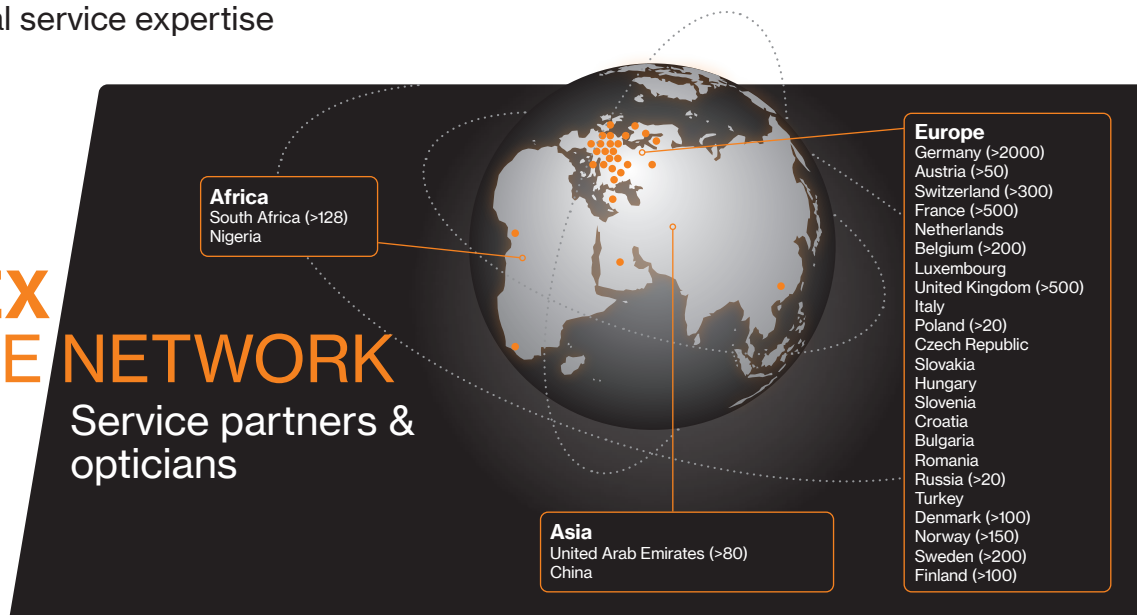
**Please contact us for further, non-binding information.**

# Prescription safety spectacles

uvex international service expertise

## UVEX SERVICE NETWORK

Service partners & opticians



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



### Perfect fit around the globe

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



high  
cheek bones



flat  
nose bridge



wide  
temples

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



**Further information can  
be obtained via:**

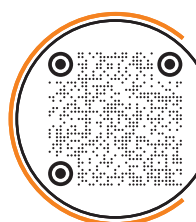
+49 911 9736-1400

customerservice.sbu-oh@uvex.de

# Digital service tools

uvex centRX – uvex RX lens advice

MADE FOR  
YOUR EYES  
MADE IN UVEX



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

## Maximum service with maximum flexibility

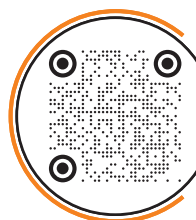
With our uvex RX lens consulting and uvex centRX digital service tools, we offer useful service tools in the fields of prescription safety spectacles and prescription VDU spectacles, which provide you with valuable information at a glance to facilitate your daily work or the ordering process.



## uvex RX lens consulting

### Optimal selection of products – conveniently online

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



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



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

The uvex centRX [pronounced 'sentricks'] photo-centring tool is a web-based, easy-to-use solution for quickly and reliably determining the necessary centring parameters for ordering uvex safety and VDU prescription spectacles. It offers customers, retailers and service partners the opportunity to determine the necessary parameters via a photo and to order glasses digitally using the simple menu navigation. The centring requirements of individual focus groups are stored in the application, so that the possibility of calculation errors in determining the specific height is eliminated.



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

### Your benefits at a glance:

Determine independent, custom centring parameters for ordering lenses

- ✓ Very simple and digital
- ✓ web-based, no installation required
- ✓ No registration required
- ✓ No data storage
- ✓ Available in German and English

### What you need for uvex centRX:

- ✓ PC, laptop or notebook with Internet browser Edge, Chrome or Firefox
- ✓ Ability to shoot photos in .jpg/.jpeg/.png formats
- ✓ An Internet Connection

### Start straightaway without registering

Are you interested in uvex centRX? Feel free to add our web address as a favourite in your browser. You can start the application online immediately.



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



Prescription safety spectacles  
uvex RX bc plastic frames

Basic collection  
uvex RX bc plastic

- classic
- timeless
- virtually unrestricted prescription lenses



6109252



6109253

uvex RX bc 5523

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

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

# Prescription safety spectacles

## uvex RX bc plastic frames



6109219  
6109203



6109204

### uvex RX bc 5503

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

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



6108215



6109210

### uvex RX bc 5502

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

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

### uvex RX bc 5506

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

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

**uvex**

# Prescription safety spectacles

uvex RX bc metal frames

Basic collection  
uvex RX bc metal

classic  
timeless  
virtually unrestricted prescription lenses



6109114

## uvex RX bc 5109

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

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



6109115

## uvex RX bc 5110

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

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



6109116

## uvex RX bc 5111

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

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



# Prescription safety spectacles

## uvex RX bc metal frames



6109100  
6109101

### uvex RX bc 5102

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

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



6109104  
6109105

### uvex RX bc 5103

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

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



6109108  
6109109

### uvex RX bc 5106

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

uvex RX bc 5106		
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



6109112  
6109113

### uvex RX bc 5108

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

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



6109103

### uvex RX bc 5101

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

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

**uvex**

## Prescription safety spectacles

uvex RX ti

Titanium collection  
uvex RX ti

lightweight  
allergy-neutral  
corrosion-resistant



6109404

### uvex RX ti 5904

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

uvex RX ti 5904

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



6109405

### uvex RX ti 5905

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

uvex RX ti 5905

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

# Prescription safety spectacles

uvex RX cb

custom bridge  
uvex RX cb

perfect fit for  
high cheekbones  
wide temples  
flat nose bridge



6109232

## uvex RX cb 5580

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

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



6109233













## uvex RX cb 5581

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

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

# Prescription safety spectacles

Lens options uvex RX bc for plastic and metal frames · uvex RX ti · uvex RX cb

Focus type	Lens type		Parameter for centering of the lenses
Description			Specific height Box measure
Single vision			
<div>– Correction of visual defect in far, in-between or near distance</div>		Single vision, Single vision HD	Single vision HD ≥ centre of lens  Main line of sight
Certified prescription range			
Comfort lenses			
<div><b>Nahcomfort</b> – Version with expanded near vision – Ideal for workplace environments of 30 cm to approx. 2 m</div>		<b>Nahcomfort Standard, Nahcomfort Optima</b> Versions see page 38	min. 17 mm  Main line of sight
<div><b>Distanzcomfort</b> – Calculation of the individual correction for defined distances (1 m, 2 m or 4 m)</div>		<b>Distanzcomfort Optima</b>	min. 17 mm  Zero line of sight
<div><b>Single vision Relax</b> – To accommodate the prescription for the lower part of the lens, the prescription is increased by +0.5 of a diopter</div>		<b>Single vision Relax</b>	min. 15 mm  Zero line of sight
Certified prescription range			
Bifocal and bifocal comfort			
<div>– 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</div>	<div>Bifocal </div> <div>Bifocal Comfort </div>	Width of segment: 28 mm, curved	
>> For bifocal comfort, see page 39			
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			
<div>– 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</div>		<b>Varifocal Standard</b> – Standard area for far distance and near distance – Long, narrow canal of progression	min. 23 mm  Zero line of sight
		<b>Varifocal Pro Work</b> – Large area for far distance – Wide canal of progression – Optimized area for reading distance	min. 20 mm  Zero line of sight
		<b>Varifocal Piccolo</b> – Suitable for flat frames – Large area for far distance and near distance – Shortened canal of progression	min. 17 mm  Zero line of sight
		<b>Varifocal Top One</b> – Very comfortable, large long-distance and close-up field of vision – Wide canal of progression for added convenience – Minimal blur in peripheral vision	min. 19 mm  Zero line of sight
	<div>Varifocal Optima, Optima HD </div> <div>Varifocal OR </div>	<b>Varifocal Optima, Optima HD, varifocal OR</b> – Individual adjusted multifocal lens of latest generation – Wide field of view for any distance – Improved design – Almost no blurred zones in periphery area >> Version HD see page 38 >> Version OR see page 39	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	Super AR	UV blue protect	Tint	Variomatic brown
	■	■	■	■	■	HD not available	■	■	■	■	■
		incl. hard coating only available with SAR recommended from +/- 4.0 dpt.	incl. hard coating only available with SAR recommended from +/- 6.0 dpt.	incl. hard coating	incl. hard coating		only single vision	■	only HI 1.67 or PC		only Polycarbonate or Trivex
	+10.0 to -10.0 dpt. at maximum value cyl. ± 8.0 dpt.	+12.0 to -13.0 dpt. at maximum value cyl. ± 8.0 dpt.	+13.0 to -14.5 dpt. at maximum value cyl. ± 8.0 dpt.	+9.5 to -12.0 dpt. at maximum value cyl. ± 8.0 dpt.	+8.0 to -11.0 dpt. at maximum value cyl. ± 7.0 dpt.	+7.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt.					+7.5 to -8.5 dpt. at maximum value cyl. ± 6.0 dpt.
	Standard/ Optima	only Optima	only Optima	Standard/ Optima	only Optima	—	■	■	only HI 1.67 or PC	—	—
	■	■	■	■	■	—	■	■	only HI 1.67 or PC	—	—
	■	■	■	■	■	—	■	■	only HI 1.67 or PC	—	—
	+9.0 to -7.5 dpt. at maximum value cyl. ± 6.0 dpt.	+8.0 to -8.0 dpt. at maximum value cyl. ± 6.0 dpt.	+9.0 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt.	+9.0 to -6.0 dpt. at maximum value cyl. ± 6.0 dpt.	+7.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt.						
	■	Bifocal only	—	■	—	Bifocal only	■	■	—	■	—
	+7.0 to -8.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+8.5 to -10.5 dpt. at maximum value cyl. ± 8.0 dpt. Add. +3.0		+10.0 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0		+6.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt. Add. +3.0					
	■	■	■	■	—	■	■	■	—	■	only Polycarbonate
	■	■	■	■	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
	■	■	■	■	—	—	■	■	—	■	only Polycarbonate
	■	■	■	■	—	■	■	■	only HI 1.67 or PC	■	only Polycarbonate
	■	only Optima and Optima HD	only Optima and Optima HD	■	only Optima and Optima HD	—	only Optima	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
	+6.0 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+9.5 to -12.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+10.0 to -12.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+9.5 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+6.0 to -13.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0	+6.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt. Add. +3.0					+7.5 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0

**uvex**

# Prescription safety spectacles

uvex RX cd

comfort and design  
uvex RX cd

modern  
sporty  
protective functions integrated into  
frame design



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



6109254



6109255

## uvex RX cd 5524 planet

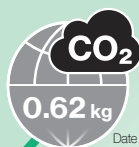
- modern, close-fitting plastic frame
- the frame is primarily made of high-quality, bio-based material. Instead of crude oil, this material is based on the renewable raw material of the castor plant
- the total percentage of the castor oil base for the frame is 38%
- translucent frame colour for an unobstructed field of vision
- frame design with integrated side shields and upper eye coverage
- soft, adjustable nose bridge
- easily adjustable soft-form comfort ear-pieces



**protecting planet**

by using bio-based material

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



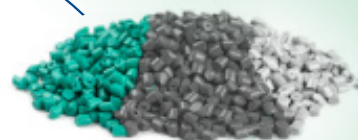
Date created 05/2023\*

# Prescription safety spectacles

uvex RX cd 5521 planet



The renewable raw material from the castor plant forms the base



High-quality, bio-based polyamides conserve resources

# 38%

is the total percentage of the castor oil base for the frame

## SUSTAINABLE MODERN SAFE



6109257

**Excellent wearer comfort**  
› easy-to-adjust, soft ear-pieces

**Always visible**  
› reflective uvex logo

**Unrestricted field of vision**  
› transparent lens frame

**Sporty design**  
› increased wearer acceptance



### protecting planet

by using bio-based material // by maximum reduction of pollutants

- › the frame is mostly made of high-quality, bio-based material
- › instead of crude oil, the base is the renewable raw material from the castor plant
- › 38% of the frame is based on castor oil
- › castor cultivation does not compete with food-growing areas or endanger forested areas
- › no harmful ingredients
- › produced in accordance with the provisions of the REACH regulation and beyond, according to the specifications of the uvex banned hazardous substances list



### protecting planet

by creating durable products

- › uvex prescription safety spectacles are characterised by their durability
- › the average service life is 1.5 years, which saves valuable resources and reduces CO<sub>2</sub> emissions



### protecting planet

by using durable packaging // by reducing waste

- › uvex prescription safety spectacles are supplied with a case to extend the service life
- › the case can be reused after its useful life
- › this means we are making an important contribution to the prevention of packaging waste

## uvex RX cd 5521 planet

For the uvex RX cd 5521 planet frame, the same criteria for comfort and functionality apply as for the uvex RX cd 5521 (see left page).

► Please note the lens options for uvex RX cd on pages 28/29.

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

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

► Please note the glazing options for uvex RX cd on pages 28/29.



6109236\*

## uvex RX cd 5520

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

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

► Please note the glazing options for uvex RX cd on pages 28/29.



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

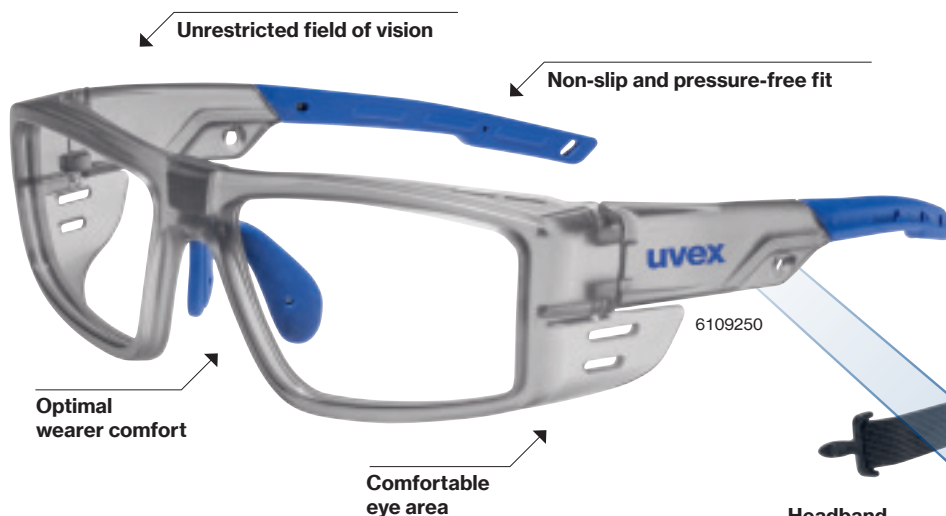


# Prescription safety spectacles

uvex RX cd 5522

uvex RX cd 5522 tight-fit-kit

## FLEXIBLE / ROBUST / SAFE



### uvex RX cd 5522

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

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

### Accessories for extra protection against liquids

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

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



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



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

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

► Please note the glazing options for uvex RX cd on pages 28/29.

# Prescription safety spectacles

uvex RX cd



6109234\*



6109230\*



6109231\*

## uvex RX cd 5518

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

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

► Please note the glazing options for uvex RX cd on pages 28/29.



6109208  
6109209



6118000  
6118001



uvex RX cd 5505 with uvex RX cd seal

## uvex RX cd 5505

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

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

## uvex RX cd 5505 seal

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

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

► Please note the glazing options for uvex RX cd on pages 28/29.

# Prescription safety spectacles

## uvex RX cd flip-up

comfort and design  
uvex RX cd flip-up

for special applications  
flip-up with non-prescription special  
lenses



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
- 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



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
- **Note:** Didymium lenses do not provide increased protection against infrared radiation (IR)



6109247  
6109248

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

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














uvex RX cd 5505 flip-up 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	PC grey, welding protection 5
	uvex infradur plus	uvex infradur plus
Lens marking	5 W1 FTK CE	5 W1 FTK CE
Marking on frame	W 166 F CE	W 166 F CE

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

uvex RX cd 5505 flip-up Didymium plan PC SAR		
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

# Prescription safety spectacles

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

				Lens type		Parameter for centering of the lenses		
Description						Specific height		
						Box measure		
Single vision								
				Single vision, Single vision HD		Single vision HD min. centre of lens  Main line of sight		
Prescription range								
Comfort lenses								
						Nahcomfort Standard, Nahcomfort Optima Versions see page 38		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. 15 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		min. 23 mm Zero line of sight
Varifocal Standard	Varifocal Pro Work	Varifocal Piccolo	Varifocal Top One	Varifocal Optima  Varifocal Optima HD		Varifocal Pro Work		min. 20 mm Zero line of sight
						Varifocal Piccolo		min. 17 mm Zero line of sight
						Varifocal Top One		min. 19 mm Zero line of sight
						Varifocal Optima		min. 17 mm Zero line of sight
						Varifocal Optima HD		min. 16 mm (depending on the corridor length) Zero line of sight
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	HI 1.67	PC	Trivex	Normal AR	Super AR	UV blue protect	Tinting	Variomatic brown
	■	■	■	■	■	■	■	■	■	■
		incl. hard coating  only available with SAR	incl. hard coating  only available with SAR	incl. hard coating	incl. hard coating	only single vision		only HI 1.67 or PC		only Polycarbonate or Trivex
	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.					+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.
	Standard/Optima	only Optima	only Optima	Standard/Optima	only Optima	■	■	only Optima, HI 1.67 or PC	—	—
	■	■	■	■	■	■	■	only HI 1.67 or PC	—	—
	■	■	■	■	■	■	■	only HI 1.67 or PC	—	only Polycarbonate
	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.					
	■	Bifocal only	—	■	—	■	■	—	■	—
	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.		+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.						
	■	■	■	■	—	■	■	—	■	only Polycarbonate
	■	■	■	■	■	■	■	only, HI 1.67 or PC	■	only Polycarbonate or Trivex
	■	■	■	■	—	■	■	—	■	only Polycarbonate
	■	■	■	■	—	■	■	only, HI 1.67 or PC	■	only Polycarbonate
	■	■	■	■	■	■	■	only, HI 1.67 or PC	■	only Polycarbonate or Trivex
	■	■	■	■	■	only Optima	■	only, HI 1.67 or PC	■	only Polycarbonate or Trivex
	■	—	—	■	—	■	■	—	■	—
	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.					+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.

# Prescription safety spectacles

uvex RX sp

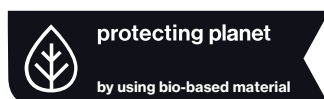
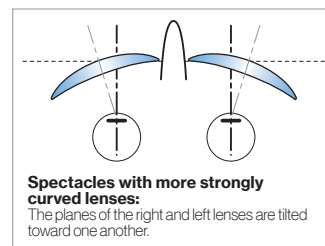
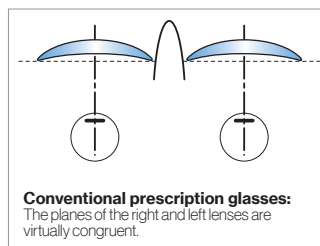
sporty  
uvex RX sp

dynamic  
wrap-around design  
protective functions integrated  
in frame design



## uvex anatomic sport lens

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



6109256



6109222

## uvex RX sp 5513 planet · uvex RX sp 5513

- The uvex RX sp planet frame is primarily made of high-quality, bio-based material. Instead of crude oil, this material is based on the renewable raw material of the castor plant. The total percentage of the castor oil base is 38%.
- 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 5513 planet	uvex RX sp 5513
Art. no.	6109256	6109222
Ref. no.	5513 1369 62/16	5513 1577 62/16
Lens diameter	62 mm	62 mm
Bridge width	16 mm	16 mm
Colour	anthracite, jade	grey, light green
Marking on frame	W 166 F CE	W 166 F CE

► Please note the glazing options for uvex RX sp on pages 34/35.

# Prescription safety spectacles

## uvex RX sp



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 34/35.



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 RX sp 5512 tight-fit-kit		
Art. no.	6118004	6118005
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 pages 34/35.



6118004



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



6118005



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



**uvex**

## uvex RX cf 9501

goggle with direct prescription lenses

### close fit uvex RX cf

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



#### Recommended use/glazing

Lens material: PC\*

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

Lens material: Trivex

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

### uvex RX cf 9501

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

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

► Please note the glazing options for uvex RX cf 9501 on pages 34/35.



#### Direct prescription lenses

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



#### Sophisticated ventilation

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



#### Flexible headband clip

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

For further information on lens materials and models, information can be found on pages 36 - 42.



# Prescription safety spectacles

uvex RX cf



6108200

## uvex RX cf 5500

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

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

► Please note the glazing options for uvex RX cd on pages 28/29.



6108201

## uvex RX cf 5501























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

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

► Please note the glazing options for uvex RX cd on pages 28/29.

# Prescription safety spectacles

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

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

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

	Material					Extras, optional				
	CR 39	HI 1.6	Plastic HI 1.67	PC	Trivex	Normal AR	Super AR	UV blue protect	Tint	Variomatic brown
	■	■	■	■	■	■	■	■	■	■
		incl. hard coating only available with SAR	incl. hard coating only available with SAR	incl. hard coating	incl. hard coating			only HI 1.67 or PC		only Polycarbonate or Trivex
	■	■	■	■	—	■	■	only HI 1.67 or PC	—	—
	■	■	■	■	—	■	■	only HI 1.67 or PC	—	—
	■	■	■	■	—	■	■	only HI 1.67 or PC	—	—
	■	■	■	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
	■	■	■	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
	■	■	■	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
	+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.	+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.	+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.	+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.	+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.					+ 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt.
	■	■	■	■	■	■	■	■	■	■
		incl. hard coating	incl. hard coating only available with SAR	incl. hard coating	incl. hard coating			only HI 1.67 or PC		only Polycarbonate or Trivex
	■	■	■	■	—	■	■	only HI 1.67 or PC	—	—
	■	■	■	■	—	■	■	only HI 1.67 or PC	—	—
	■	■	■	■	—	■	■	only HI 1.67 or PC	—	—
	■	■	■	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
	■	■	■	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
	■	■	■	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
	+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.	+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.					+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.
	Material					Extras, optional				
	CR 39	HI 1.6	Plastic HI 1.67	PC/PC <sup>+</sup>	Trivex	Normal AR	Super AR	UV blue protect	Tint	Variomatic brown
	—	—	—	■	■	■	■	■	■	■
		incl. hard coating only available with SAR	incl. hard coating only available with SAR	incl. hard coating	incl. hard coating			only HI 1.67 or PC		only Polycarbonate or Trivex
	—	—	—	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
	—	—	—	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
	—	—	—	■	■	■	■	only HI 1.67 or PC	■	only Polycarbonate or Trivex
				+ 3.50 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

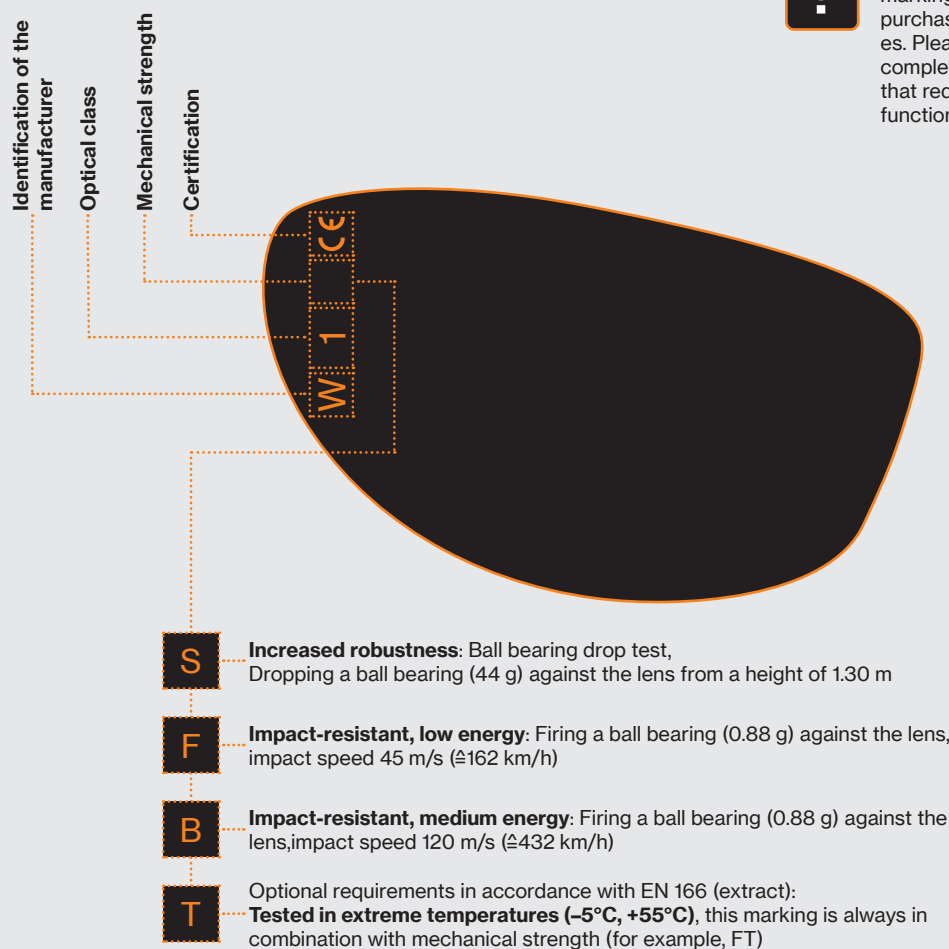
## Certification and marking

### 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

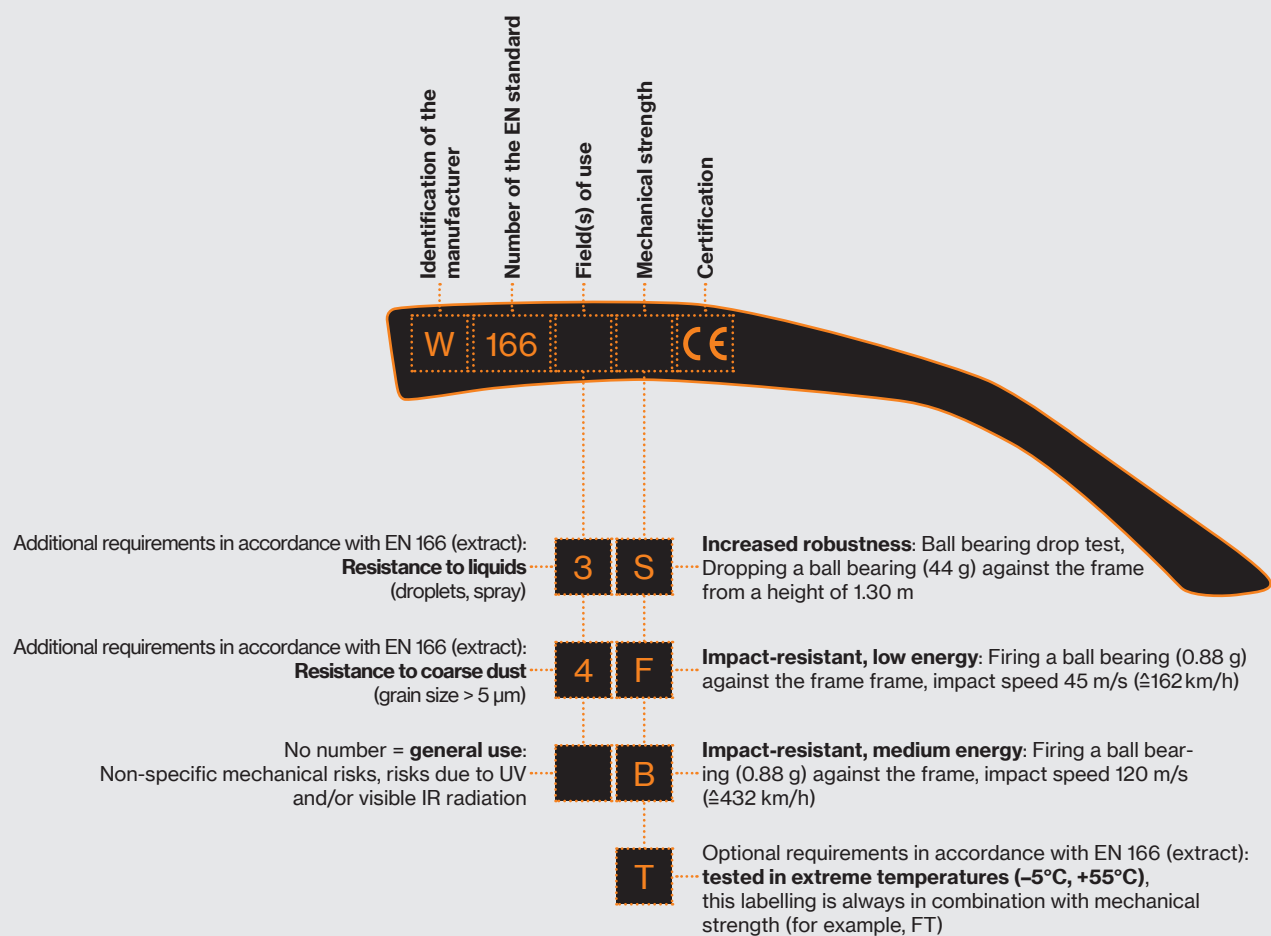
### Marking

- 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
Addition < 1.5 dpt.	Addition 1.5 to 2.25 dpt.	Addition > 2.25 dpt.
< 50 years	50 to 55 years	> 55 years

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

#### Note:

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

#### Distanzcomfort Optima

- perfect solution for working distances between 30 cm and around 1 m, 2 m or 4 m
- by specifying the viewing distance that is required at the workstation, the correction areas will be calculated individually
- all that is needed to place an order are details of the distance and close-range values (addition), the maximum viewing distance (one, two or four meters) as well as the centering parameters (pupillary distance and specific height)
- recommended adjustment: zero line of sight, distance values and addition

#### Single Vision Relax

- this type of lens is targeted at people over the age of 30
- an invisibly integrated change to the correction value of +0.5 dpt. in the lower area of the lens eases the strain on the eye when looking at near distances (accommodation support)
- the distance correction remains unchanged
- all that is needed to place an order the details of distance values and centring parameters (pupillary distance and specific height)
- we recommend Single Vision Relax lenses for professionals who use mobile devices (notebook, tablet, smartphone etc.) for their daily work

# Prescription safety spectacles

## Focus types



### Bifocal lenses

#### Bifocal

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



#### Bifocal Comfort

- free-form bifocal lens with a rounded, blended near-vision area for a more aesthetic appearance
- instant wearer acceptance due to soft transition to the near-vision area
- handled in the same way as conventional bifocal lenses
- intermediate ranges are not corrected



### Varifocal lenses

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

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

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



#### Varifocal OR

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

# Prescription safety spectacles

## Lens material



### Polycarbonate

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

### Trivex™

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

### CR39, modified (plastic)

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

### HI (high index)

Organic lenses with high refractive index – 1.6 or 1.67

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

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

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

### Hard glass, modified

(crown glass, silicate, mineral glass, glass)

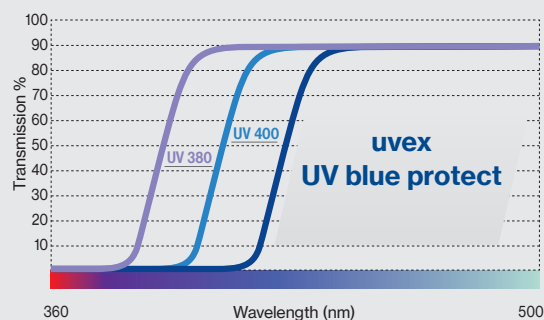
- mechanical strength 'S' (ball drop test)
- highly scratch-resistant surface suitable for working with chemicals and paints
- heavy, not recommended for prescription values greater than +/-4.0 dpt.
- spark penetration when welding or grinding

### UV blue protect

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

- the lenses absorb UV radiation up to 400 nm at 100%, filter short-wave blue light until 410 nm almost completely and reduce the range from 410 nm to 420 nm around 86%.
- uvex UV blue protect lenses enhance contrast and effectively prevent signs of fatigue and age-related macular degeneration (AMD)
- UV blue protect is optionally available for polycarbonate (PC) lenses and HI 1.67

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





# Prescription safety spectacles

## Finishes

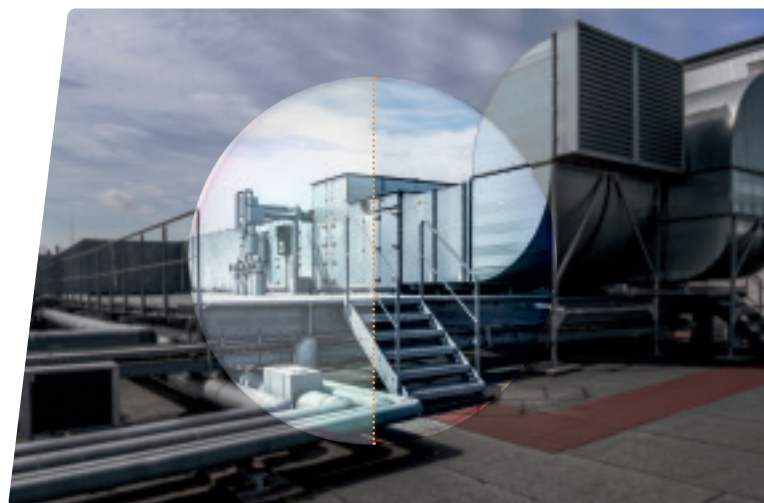
### Anti-reflective coating

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

Three qualities are available:

- normal anti-reflective coating
- 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

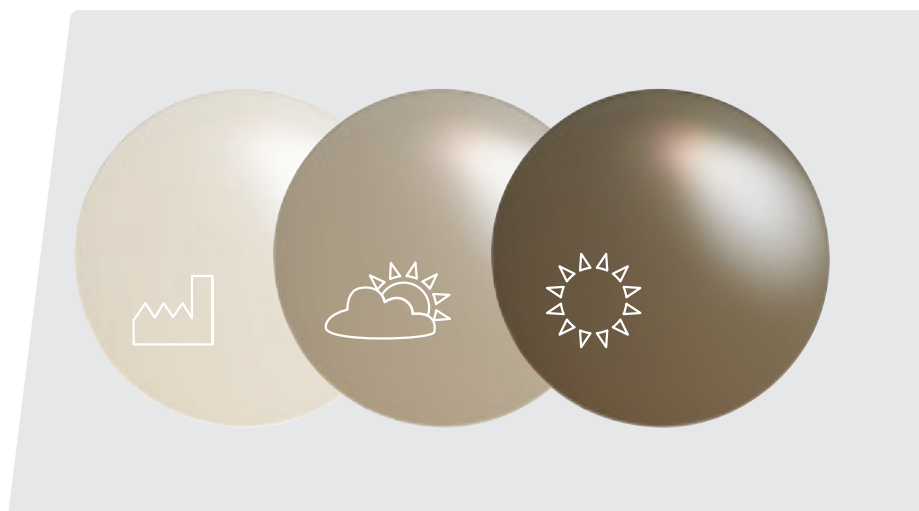
Tinted lenses provide effective protection against glare in areas with high light intensity (for example, sunlight)

#### Constant tinting

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

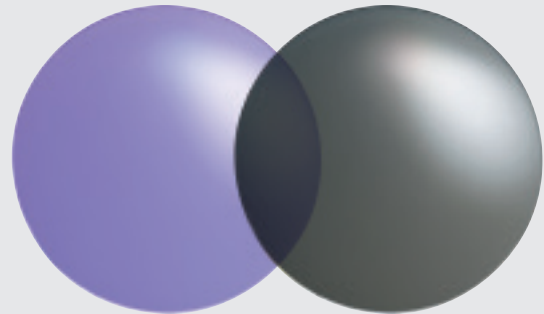
#### Variable tinting – Variomatic™

- 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

### 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

# 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.

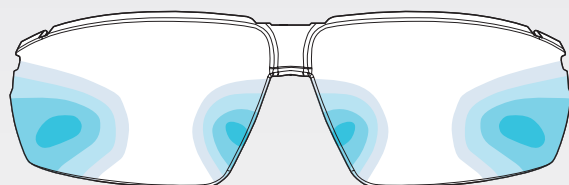
**MADE IN GERMANY**

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



1.001.738/10.23/PDF  
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UVEX ARBEITSSCHUTZ GMBH  
SBU Occupational Health  
Wuerzburger Str. 152  
90766 Fuerth  
GERMANY

T: +49 911 9736-1400  
F: +49 911 9736-1679  
E: [customerservice.sbu-oh@uvex.de](mailto:customerservice.sbu-oh@uvex.de)  
I: [uvex-safety.com](http://uvex-safety.com)



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**protecting people**