

#### 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. overspecs, disposable hearing protection), our custom protective products can be used for much longer. This saves valuable resources and reduces waste and  $\text{CO}_2$  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.

years of use

uvex hearing protection otoplastics

nitrogen recovered from the production process and fed back into circulation



Packaging of uvex medicare insoles

recycled cardboard

years of use

**Durability of uvex** hearing protection otoplastics approx.

#### SBU Occupational Health

Individual personal protective equipment from uvex



# ADIVIDUAL 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.

#### 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 hight-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

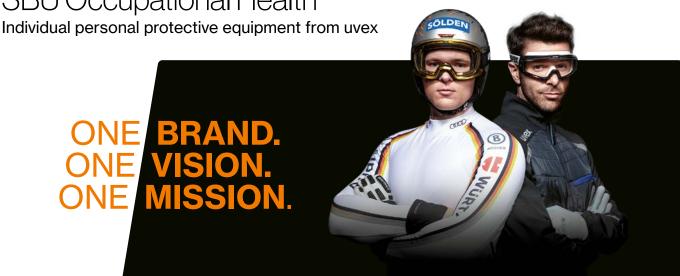


#### Orthopaedic solutions for uvex safety shoes – uvex medicare

- 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







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 FUTITIE

#### 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)

#### 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.













# Prescription safety spectacles and prescription VDU spectacles

# protecting planet

#### 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



#### 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 foodgrowing 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%

castor oil

Durability approx.

years of use



**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 environmentallyfriendly 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



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

# 60

- · 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: titar
- · 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 wraparound 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.



#### 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



of your company.

www.uvex-safety. com/en/ individual-ppe/ digital-servicetools/

Our service – your benefits

are happy to advise you with regard

to professional and flexible solutions.

tailored to the individual requirements

Our wide uvex collection enables

cles for each of your employees.

us to find prescription safety specta-

uvex offers maximum service with maximum flexibility. Our specialists



#### 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

#### The easy steps to your prescription safety spectacles



#### Scheduled appointment and consultation

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

- **L** +49 911 97361400
- ☑ customerservice.sbu-oh@uvex.de



#### 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.



#### Finished prescription safety spectacles

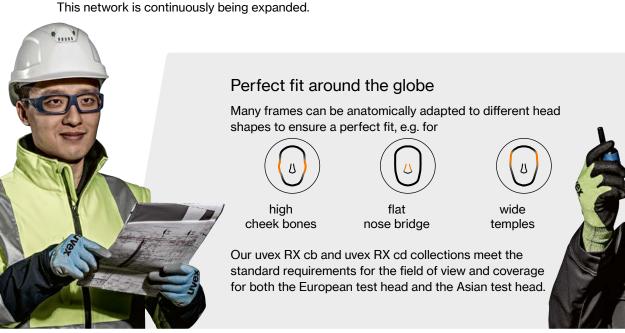
After consulting and selecting your personal product, either onsite or at one of the uvex optical service partners, your prescription safety spectacles will be ready for you in a timely manner.

Please contact us for further, non-binding information.

Prescription safety spectacles



uvex 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.





Further information can be obtained via:

+49 911 9736-1400

☐ customerservice.sbu-oh@uvex.de

### Digital service tools

uvex centRX - uvex RX lens advice





#### 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.



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

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



#### 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

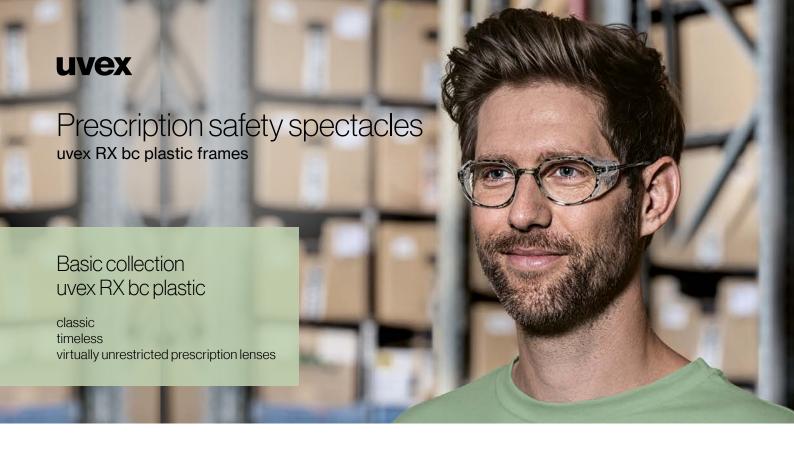
#### What you need for uvex centRX:

- 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 adress as a favourite in your browser. You can start the application online immediately.







- 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





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





#### 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	

- 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 CF	









#### **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

#### 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

- 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











6109103

#### 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

#### uvex RX bc 5103

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

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

#### uvex RX bc 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

#### 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

- 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	





6109404



#### uvex RX ti 5904

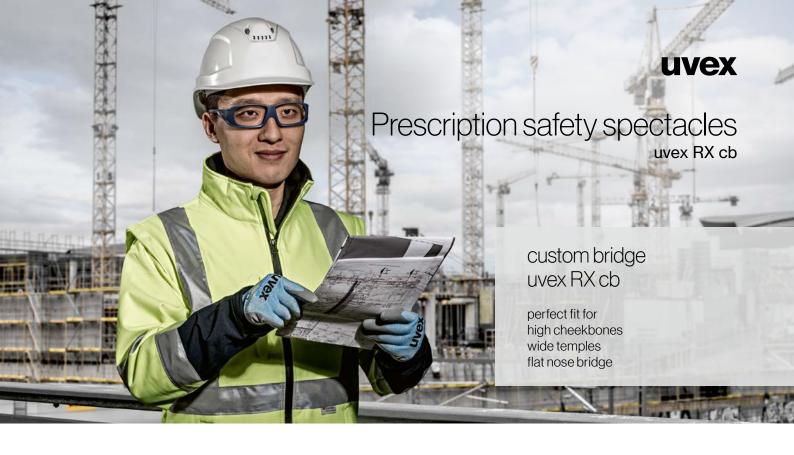
- thin, lightweight titanium frame
- transparent side shields
- lightweight, allergy-neutral and corrosion-resistant
- anatomically adjustable nose pads and ear-pieces ensure an exceptional fit

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
•	

#### 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





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

#### 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			
– 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  - Version with expanded near vision  - Ideal for workplace environments of 30 cm to approx. 2 m	Z Z Z	Nahcomfort Standard, Nahcomfort Optima Versions see page 40	min. 17 mm Main line of sight
Distanzcomfort  - Calculation of the individual correction for defined distances (1 m, 2 m or 4 m)	R	Distanzcomfort Optima	min. 17 mm Zero line of sight
Single vision Relax  - To accommodate the prescription for the lower part of the lens, the prescription is increased by +0.5 of a diopter	F F+0.5 dpt.	Single vision Relax	min. 15 mm Zero line of sight
Certified prescription range			
Bifocal			
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	
Certified prescription range			
Varifocals			
Correction of visual defect in far, in-between and near distance     Gliding change from far distance to near distance (progressive canal)	F	Varifocal Standard  - Standard area for far distance and near distance  - Long, narrow canal of progression	min. 23 mm Zero line of sight
The non-visible gliding zone corrects in-between distances	F	Varifocal Pro Work  - Large area for far distance  - Wide canal of progression  - Optimized area for reading distance	min. 20 mm Zero line of sight
	F	Varifocal Piccolo  - Suitable for flat frames  - Large area for far distance and near distance  - Shortened canal of progression	min. 17 mm Zero line of sight
	F	Varifocal Top One  - 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  Individual adjusted multifocal lens of latest generation  Wide field of view for any distance  Improved design  Almost no blurred zones in periphere area  Version HD see page 40	Optima min. 17 mm Optima HD min. 16 mm (depending on the corridor length) Zero line of sight
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	Super AR	UV blue protect	Tint	Variomatic brown
ON 09	TII 1.0	111 1.07	•	IIIVEX	-	An •	An	protect	-	varioniatic brown
	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	HD not available only available without AR or with SAR	only single vision		only HI 1.67 or PC	-	only Polycarbonate or Trivex
+10.0 to -10.0 dpt. at maximum value cyl. ±8.0 dpt.	+12.0 to -13.0 dpt. at maximum value cyl. ±8.0 dpt.	+13.0 to -14.5 dpt. at maximum value cyl. ±8.0 dpt.	+9.5 to -12.0 dpt. at maximum value cyl. ±8.0 dpt.	+8.0 to -11.0 dpt. at maximum value cyl. ±7.0 dpt.	+7.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.					+7.5 to -8.5 dpt. at maximum value cyl. ±6.0 dpt.
Standard/ Optima	only Optima	only Optima	Standard/ Optima	only Optima	-	•	•	only HI 1.67 or PC	-	-
					-			only HI 1.67 or PC	-	-
					-	•	•	only HI 1.67 or PC	-	-
+9.0 to -7.5 dpt. at maximum value cyl. ±6.0 dpt.	+8.0 to -8.0 dpt. at maximum value cyl. ±6.0 dpt.	+9.0 to -10.0 dpt. at maximum value cyl. ±6.0 dpt.	+9.0 to -6.0 dpt. at maximum value cyl. ±6.0 dpt.	+7.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.						
	Bifocal only	-		-				-		-
+7.0 to -8.0 dpt. at maximum value cyl. ±6.0 dpt. Add. +3.0	+8.5 to -10.5 dpt. at maximum value cyl. ±8.0 dpt. Add. +3.0		+10.0 to -10.0 dpt. at maximum value cyl. ±6.0 dpt. Add. +3.0		+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. Add. +3.0					
				-				-		only Polycarbonate
					•	•	•	only HI 1.67 or PC	•	only Polycarbonate or Trivex
				-	-			-		only Polycarbonate
•	•	•		-	•	•	•	only HI 1.67 or PC	•	only Polycarbonate
	only Optima and Optima HD	only Optima and Optima HD		only Optima and Optima HD	-	only Optima	•	only HI 1.67 or PC	•	only Polycarbonate or Trivex
+6.0 to -10.0 dpt. at maximum value cyl. ±6.0 dpt. Add. +3.0	+9.5 to -12.0 dpt. at maximum value cyl. ±6.0 dpt. Add. +3.0	+10.0 to -12.0 dpt. at maximum value cyl. ±6.0 dpt. Add. +3.0	+9.5 to -10.0 dpt. at maximum value cyl. ±6.0 dpt. Add. +3.0	+6.0 to -13.0 dpt. at maximum value cyl. ±6.0 dpt. Add. +3.0	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. Add. +3.0					+7.5 to -10.0 dpt. at maximum value cyl. ±6.0 dpt. Add. +3.0











Reflective uvex logo

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

- the uvex RX cd 5521 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%
  • 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

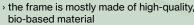
	uvex RX cd 5521 planet	uvex RX cd 5521
Art. no.	6109257*	6109249*
Ref. no.	5521 1369 54/22	5521 1813 54/22
Lens diameter	54 mm	54 mm
Bridge width	22 mm	22 mm
Colour	anthracite, jade	silver, anthracite
Marking on frame	W 166 F CE	W 166 F CE





#### protecting planet

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



- 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 foodgrowing 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

friendly 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

# Prescription safety spectacles uvex RX cd





#### 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



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





#### 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



#### uvex RX cd 5526

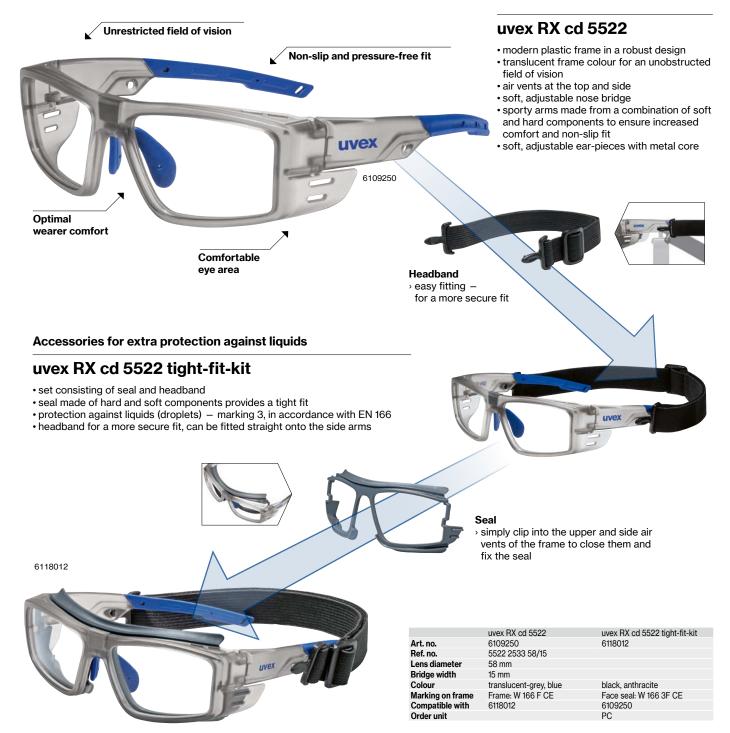
- plastic frame with sporty design
- the frame is primarily made of high-quality, bio-based material; instead of crude oil, this material is based on the renewable raw material of the castor plant; the total percentage of the castor oil base for the frame is 38%
- translucent lens frame for an unobstructed field of vision
- good fit thanks to anatomically shaped nose bridge
- easily adjustable, soft ear-pieces with metal core





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





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

## Prescription safety spectacles





#### **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*	6109234*
Ref. no.	5518 1341 54/22	5518 1333 54/22
Lens diameter	54 mm	54 mm
Bridge width	22 mm	22 mm
Colour	anthracite, red	anthracite, blue
Marking on frame	W 166 F CE	W 166 F CE

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







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

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

<sup>\*</sup> These frames fulfil the requirements regarding field of vision (7.1.1) and side protection (7.2.8) in accordance with EN 166:2002 based on Asian 27 headform 2M, as defined in DIS ISO 18526-4:2018.

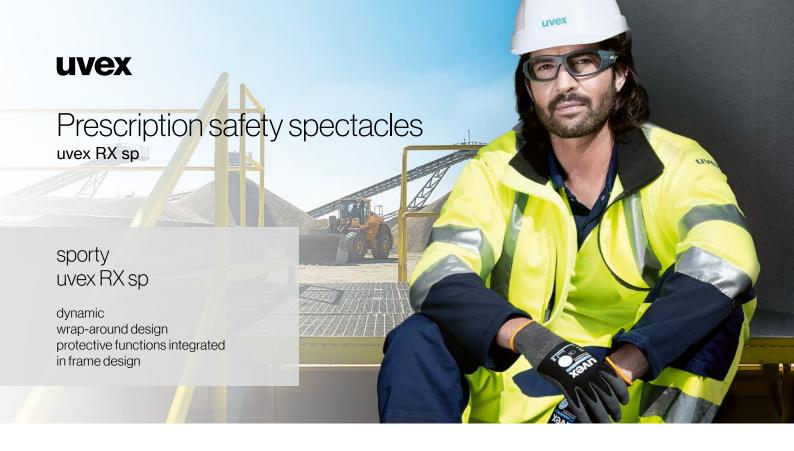
# Prescription safety spectacles Lens options for uvex RX cd · uvex RX cf 5500 - uvex RX cf 5501

				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						
Z	R	F		Nahcomfort Standard, Nahcomfort Optil (Versions see page 40)	ma min. 17 mm Main line of sight	
N	N	h+0,5 dpt.		Distanzcomfort Optima	min. 17 mm Zero line of sight	
Nahcomfort Nahcomfort Standard Optima	Distanzcomfort Optima	Single vision Relax		Single vision Relax	min. 15 mm Zero line of sight	
Prescription range						
3ifocal						
F N Bifocal				Width of segment: 28 mm, curved		
Prescription range						
/arifocals						
F	F	F	F	Varifocal Standard	min. 23 mm Zero line of sight	
Varifocal Varifoca	Varifocal	Varifocal	N Varifocal	Varifocal Pro Work	min. 20 mm Zero line of sight	
Standard Pro World	R Piccolo	Top One	Optima  Varifocal Optima HD	Varifocal Piccolo	min. 17 mm Zero line of sight	
				Varifocal Top One	min. 19 mm Zero line of sight	
				Varifocal Optima	min. 17 mm Zero line of sight	
				Varifocal Optima HD	min. 16 mm (depending on the corridor length) Zero line of sight	
Prescription range						



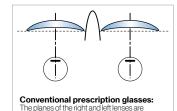
- ▶ In order to ensure optimum vision, uvex compensate the values in accordance to the frame wrap angle (FWA). The overview below provides information on the lens options for uvex RX cd frames. Please also ensure the frame fits correctly.
- ▶ Please take into account the specifications relating to the line of sight when determining the vision point.

Material						Extras, optional			
CR 39	HI 1.6	Plastic HI 1.67	PC	Trivex	Normal AR	Super AR	UV blue protect	Tinting	Variomatic brown
	incl. hard coating only available with SAR	incl. hard coating only available with SAR	incl. hard coating	incl. hard coating	only single vision		only HI 1.67 or PC		only Polycarbonate or Trivex
+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.					+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.
Standard/Optima	only Optima	only Optima	Standard/Optima	only Optima	•	-	only Optima, HI 1.67 or PC	-	-
							only HI 1.67 or PC	-	-
-	-	-	•	•			only HI 1.67 or PC	_	only Polycarbonate
+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.					
	Bifocal only	-		-			-		-
+6,0 to -6,0 dpt. at maximum value cyl. ±4,0 dpt.	+6,0 to -6,0 dpt. at maximum value cyl. ±4,0 dpt.		+6,0 to -6,0 dpt. at maximum value cyl. ±4,0 dpt.						
				-			-		only Polycarbonate
•	•	•	•	•	•	•	only, HI 1.67 or PC	•	only Polycarbonate or Trivex
				-			-		only Polycarbonate
				-		•	only, HI 1.67 or PC	•	only Polycarbonate
•			•	•		•	only, HI 1.67 or PC		only Polycarbonate or Trivex
•				•	only Optima	•	only, HI 1.67 or PC		only Polycarbonate or Trivex
+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.	+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.					+6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt.

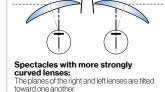


#### uvex anatomic sport lens

- -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.



virtually congruent.



process.



#### 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
6109256	6109222
5513 1369 62/16	5513 1577 62/16
62 mm	62 mm
16 mm	16 mm
anthracite, jade	grey, light green
W 166 F CE	W 166 F CE
	6109256 5513 1369 62/16 62 mm 16 mm anthracite, jade

# Prescription safety spectacles





#### 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.

#### **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
Calaum	la manusa a linna	authoralta avanas

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





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





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



#### 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 38 – 42.

# Prescription safety spectacles



#### 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.



#### 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

6108201
48 mm
20 mm
black, grey
W 166 34 B CE
PC clear
2C-1,2 W 1 FKN

# 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
arex fix op colo		important note	Leno type	of the lenses Specific height
	Description			Box measure
	Single vision			
		for uvex RX sp 5510: Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Single vision Single vision HD	Main line of sight
	Comfort lenses			
	Z R F	for uvex RX sp 5510:	Nahcomfort Optima	min. 17 mm Main line of sight
	Distanz- Single	Minimum PD ≥ 32.0 mm  Fitting height ≥ centre of lens	Distanzcomfort Optima	min. 17 mm Zero line of sight
	Nahcomfort comfort vision Optima Optima Relax  Varifocals		Single vision Relax	min. 15 mm Zero line of sight
	F		Varifocal Pro Work	min. 20 mm Zero line of sight
	N N	for uvex RX sp 5510: Minimum PD ≥ 32.0 mm	Varifocal Optima	min. 17 mm Zero line of sight
	Varifocal Optima Pro Work Varifocal Optima HD	Fitting height ≥ centre of lens	Varifocal Optima HD	min. 16 mm Zero line of sight
	Prescription range			
uvex RX sp 5512 · uvex RX sp 5513				
	Single vision			
00		Minimum PD ≥ 32.0 mm  Fitting height ≥ centre of lens	Single vision Single vision HD	Main line of sight
	Comfort lenses			
	Z R F	Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens	Nahcomfort Optima	min. 17 mm Main line of sight
wes	Distanz- Single		Distanzcomfort Optima	min. 17 mm Zero line of sight
	Nahcomfort comfort vision Optima Optima Relax		Single vision Relax	min. 15 mm Zero line of sight
	Varifocals		Varifocal Pro Work	min. 20 mm Zero line of sight
	N N	Minimum PD ≥ 32.0 mm  Fitting height ≥ centre of lens	Varifocal Optima	min. 17 mm Zero line of sight
	Varifocal Varifocal Optima Pro Work 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			DOX IIIEASUIE
		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			
	F	When using PC or PC+	Varifocal Pro Work	min. 20 mm Zero line of sight
	N N	Minimum PD ≥ 32.0 mm When using Trivex Minimum PD ≥ 34.0 mm	Varifocal Optima	min. 17 mm Zero line of sight
	Varifocal Varifocal Optima Pro Work Varifocal Optima HD	Minding II D 2 O4.0 IIIII	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			
00.00	11140	Plastic	DO.		Normal	Super	UV blue	<b>-</b>	
CR 39	HI 1.6	HI 1.67	PC	Trivex	AR •	AR ■	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	-	-
•	•	•	•	-	٠	٠	only HI 1.67 or PC	_	-
							1		
•	•	•	•	•	•	•	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	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.					+ 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt.





#### 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

uvex RX cd 5505 flip-up we	lding 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,	PC grey,
	welding protection 5	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 i-3 add

# Perfect vision in every situation

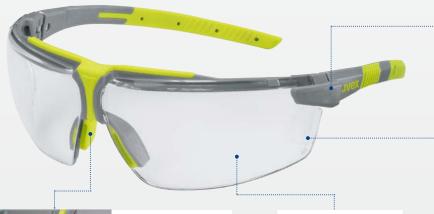
# Optimum protective eyewear means improved, safe vision.

uvex i-3 add safety spectacles have invisible integrated dioptre 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.



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

#### **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



# Prescription safety spectacles

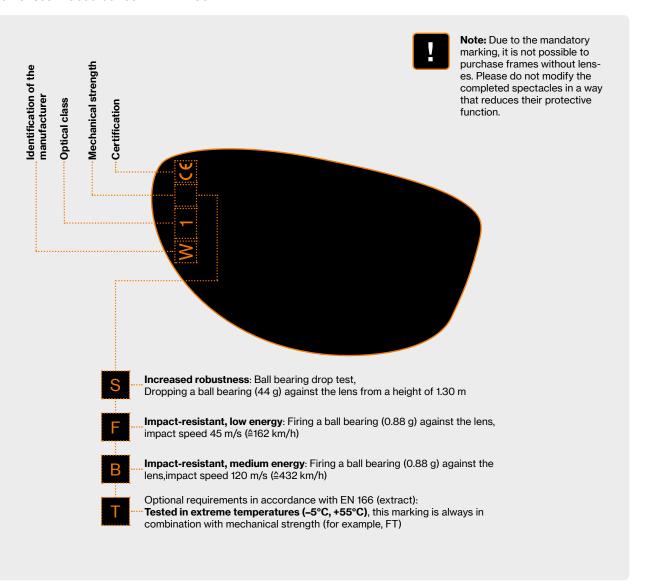
# Certification and marking

### 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





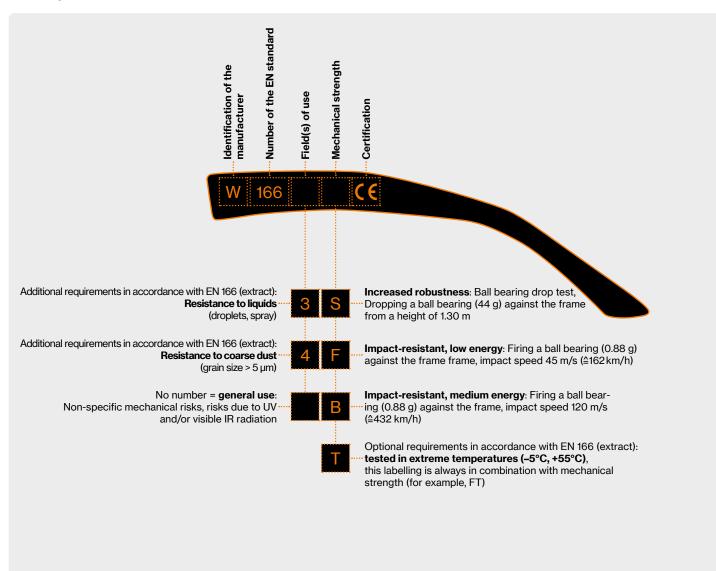
# Prescription safety spectacles Certification and marking

# 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 of the frame in accordance with EN 166



# Prescription safety spectacles

# Focus types

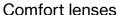
# Single vision lenses

#### 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



- 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 closerange values and the required design (type A, B, C)
- when ordering the Nahcomfort Optima option, the inner surface of the raw lenses is calculated and manufactured, taking into account the correction, the glass curve and the distance between the eyes

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

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

#### Note:

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

#### **Distanzcomfort Optima**

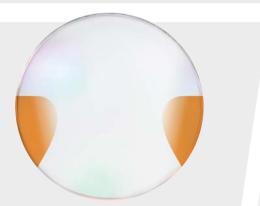
- perfect solution for working distances between 30 cm and around 1 m, 2 m or 4 m
- by specifying the viewing distance that is required at the workstation, the correction areas will be calculated individually
- all that is needed to place an order are details of the distance and close-range values (addition),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

### Single Vision Relax

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

# Prescription safety spectacles Focus types





### Bifocal lenses

#### **Bifocal**

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

### Varifocal lenses

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

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

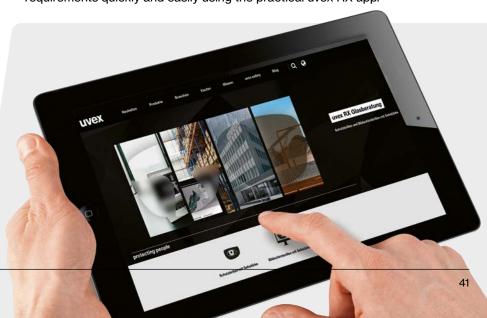
- free-form varifocal lens taking into account idividual parameters such as cornea vertex distance, frame wrap angle and inclination
- · calculation of dioptres to an accuracy of one hundredth

# uvex RX lens consulting

### Optimal selection of products - conveniently online

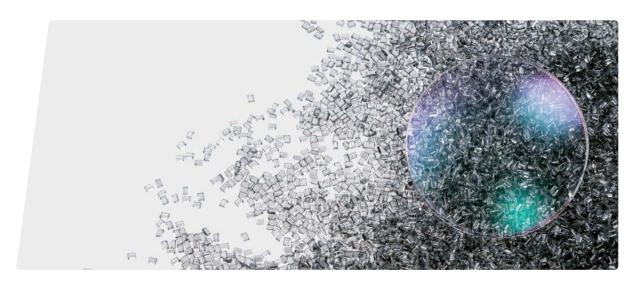
What are the advantages of the different lens types and coatings for innovative uvex prescription safety spectacles? Find the optimum product to meet requirements quickly and easily using the practical uvex RX app.





# 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+: 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 restistance 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)

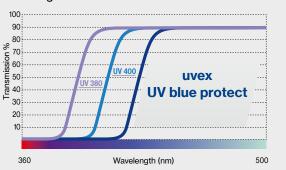
- mechanical strength 'S' (ball drop test)
- highly scratch-resistant surface suitable for working with chemicals and paints
- heavy, not recommended for prescription values greater than +/-4.0 dpt.
- spark penetration when welding or grinding

# 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

# Anti-reflective coating

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

Two qualities are available:

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

Normal anti-reflective coating	Super anti-reflective coating
Good reflection reduction	Maximum reflection reduction
Metal oxide is applied once to each surface	Metal oxide is applied several times to each surface
Residual reflection ≈ 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

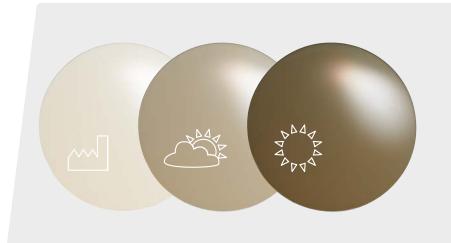
Tinted lenses provide effective protection against glare in areas with high light intensity (for example, sunlight)

### **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<sup>™</sup>



# **VDU** spectacles

Individual eye protection at the screen



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

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

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

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

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

### The collection

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

Metal frames	Plastic frames	Titanium frames	



# **VDU** spectacles

## Individual eye protection at the screen

### uvex as a partner for individual VDU spectacles

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

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



Our service – your benefits

uvex offers maximum service with

maximum flexibility. Our specialists are happy to advise you with regard

to professional and flexible solutions,

tailored to the individual requirements

Our wide uvex collection enables us

to find VDU spectacles for each of

### 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



of your company.

your employees.

www.uvex-safety. com/en/ individual-ppe/ digital-servicetools/



#### digital service tools:

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

# The easy steps to your VDU spectacles



# Scheduled appointment and consultation

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

- +49 911 97361400
- ☑ customerservice.sbu-oh@uvex.de



# Workplace analysis and product search

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



# Finished VDU spectacles

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

Please contact us for further, non-binding information.

# **VDU** spectacles

Focus types

Posture-related symptoms?
The solution – uvex Nahcomfort lenses

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







### Nahcomfort

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

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

# VDU spectacles

#### uvex UV blue

- surface finish consisting of different layers. It includes a layer that filters short-wave visible light in the blue-violet range with increased effect.
- effective protection against the symptoms of fatigue and headaches associated predominantly with long periods of working at a monitor and/or with digital media.
- the uvex UV blue layer system also includes a super anti-reflection coating, a scratch-resistant coating and an easy-care layer.



### Tint

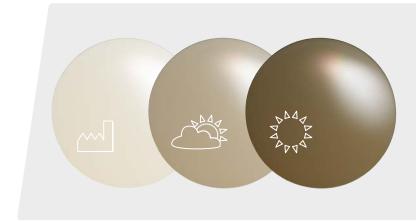
Tinted lenses provide effective protection against glare in areas with high light intensity (for example, sunlight)

#### **Constant tinting**

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

### Variable tinting - Variomatic™

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

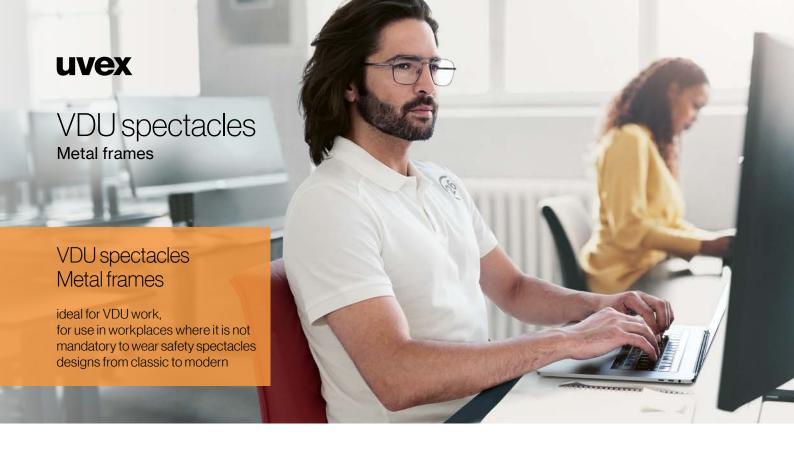


## Super anti-reflection incl. easy-care layer

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

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







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

# VDU spectacles Metal frames



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

**VDU** spectacles

Plastic frames

# VDU spectacles Plastic frames

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















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

# VDU spectacles Plastic frames



54 mm

16 mm

anthracite, dark green

3524 1510 56/16

translucent-grey, black Spring hinge

59 mm

17 mm

black, transparent

Spring hinge

56 mm

16 mm

Art. no. Ref. no. Lens diameter

Bridge width Colour Extras

54 mm

15 mm

violet, rosé

Spring hinge

53 mm

17 mm

beige, light grey

Spring hinge

54 mm

15 mm

dark grey

Spring hinge





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





You can find more information at uvex-academy.com







### Prescription spectacles and workplace safety

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

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

 Ability to determine the necessary parameters for fitting prescription spectacles

uvex academy

- Practical demonstration of selection, consultation, and fitting of prescription safety glasses
- Instruction regarding the best care and handling of prescription safety spectacles

### **Target group**

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

For further information and to register visit **uvex-academy.com**, phone **+49 911 9736-1710** or e-mail **academy@uvex.de** 







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 l: uvex-safety.com