

uvex



Individual Personal Protective Equipment

2020

protecting people

SBU Occupational Health

Individual personal protective equipment (PPE)

Individual personal protective equipment (PPE) from uvex. More than just a standard solution.

The health of employees is of great importance for any company. uvex offers premium tailor-made solutions for protecting eyes, ears and feet, offering maximum safety for the whole team.

Decades of experience and innovative technologies form the basis for products that are manufactured in our facilities in Germany in accordance with the most stringent safety standards. Our individual personal protective equipment ensures that maximum levels of safety and comfort are provided.

At uvex, innovation is not just a word: it is an intrinsic part of the corporate strategy. Many external awards confirm our continued commitment to this strategy for the future.

The investment in award winning designs, state-of-the-art materials and technologies allows uvex to deliver scientifically based product solutions which not only protect and are comfortable but have features which increase fit and therefore, wearer acceptance.

uvex – an exceptional partner.



Certificates

- ISO 9001
- Ohris
- REACH

Awards

Individual PPE from uvex – employee health is worth it.

- Individual eye, ear and foot protection
- Innovative technologies and solutions
- First-class, certified product quality
- Development and manufacturing in Germany
- Adjustments carried out by qualified specialists

Optics



Individual eye protection from uvex

Prescription safety spectacles protect the eyes, and improve the wearer's vision. uvex offers individual prescription safety and VDU (visual display unit) spectacles for all areas of application.

- Prescription safety spectacles certified in accordance with EN 166
- A wide selection of focus types and lens materials to meet all requirements
- An extremely wide range of frames, cater for all employee facial shapes
- Qualified advice and individual adjustment from opticians

Otoplastics



Individual hearing protection from uvex

Excessive noise in the workplace can lead to irreversible damage to hearing. Individually adapted uvex otoplastics fit perfectly, ensuring maximum wearer protection and comfort.

- Tailor-made hearing protection certified in accordance with EN 352
- A wide selection of filters, otoplastic shapes and materials ensures appropriate hearing protection is available for (virtually) all areas of application.
- Individual adjustments carried out by qualified specialists

Orthopaedics



Individual foot protection from uvex

Whether walking or standing still, safety footwear has to fit comfortably. uvex's orthopaedic foot protection is adapted to individual wearers' foot related medical conditions.

- Orthopaedic safety footwear certified in accordance with EN ISO 20345:2011
- For example, comfortable customised inserts and orthopaedic shoe adjustments
- A wide selection of suitable safety footwear
- Special footwear for extra wide feet and medical conditions (e.g. diabetes)
- Individual adjustments carried out by qualified orthopaedic specialists

uvex prides itself on its expertise and service delivery to the same high level as its products.

uvex offers an all-round professional service undertaking skilled risk assessments, through to the manufacture of individual safety products. The organisation is able to adapt its offer to meet the specific requirements of all companies.

Technological expertise



Innovation „Made in Germany“

Whether it's eye, ear or foot protection, the individual PPE range from uvex provides exceptional quality and the latest technology. uvex innovations continue to set new standards in industrial health and safety.

- uvex's prescription safety eyewear is recognised for its exceptional wearer comfort, stylistic designs and sophisticated functionality.
- uvex hearing protection is individually moulded to the shape of the ear canal ensuring optimum protection and comfort.
- uvex's customised safety footwear provides a solution for those with medical problems such as fallen arches, splay foot and flat feet.

Advisory expertise



Well-rounded professional expertise

Individual PPE products demand competent advisory expertise to guarantee the right solution and fit. For this reason, adjustments are carried out by qualified professionals such as opticians, acousticians and orthopaedic shoemakers.

Upon request, uvex can provide seminars for professional individuals (e.g. company doctors or occupational nurses) within companies to provide them with a level of knowledge about the adjustment of PPE products.

- Individual PPE products for all employees
- Certified products create legal certainty
- Adjustments carried out by qualified specialists
- uvex academy: seminars/safety days

Our extensive network of highly qualified experts in optics, acoustics and orthopaedics ensures the availability of first-rate quality of care in your area.

Service expertise

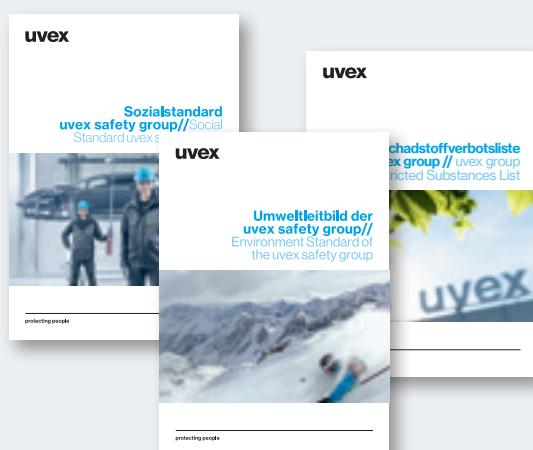


Tailored to meet requirements

Our products are not the only part of our service that we can tailor make. To ensure the maximum efficiency of your organisation, we can arrange for our professionals to visit your organisation – early mornings, evenings or at night if required.

- On site product customisation on request
- Service network of specialists throughout Germany
- Highly qualified in-house specialists
- Professional flexible solutions that are specifically tailored to the individual needs of your company

Social responsibility



Sustainability guaranteed

uvex takes its social responsibility commitments seriously putting its environmental protection and social commitment at the forefront of its daily business.

- Sustainable manufacturing concept
- Avoidance of chemicals beyond the requirements of the EU REACH regulation (uvex's own banned hazardous substances list which goes beyond that of REACH)
- uvex social standard for all manufacturing plants
- Social commitment (e.g. Rainer Winter Foundation, Vision for the World)

uvex RX App

The virtual companion for prescription safety spectacles

Optimal selection of products – conveniently on the iPad.

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

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

Range of information

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

Realistic perspective

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



www.uvex-safety.com/uvex_app/uvex-rx



View everything

The uvex RX app makes product selection easier.



Prescription Safety Eyewear

Prescription safety spectacles

Basic collection plastic frames



uvex RX 5503

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

| uvex RX 5503 | | | |
|---------------|-----------------|-----------------|-------------------------------|
| Art. no. | 6109219 | 6109203 | 6109204 |
| Ref. no. | 5503 1300 50/17 | 5503 1300 54/17 | 5503 7415 54/17 |
| Lens diameter | 50 mm | 54 mm | 54 mm |
| Bridge width | 17 mm | 17 mm | 17 mm |
| Colour | anthracite | anthracite | green, grey |
| Extras | | | metal arms with sprung hinges |

uvex RX 5504

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

| uvex RX 5504 | | |
|---------------|-----------------|-------------------------------|
| Art. no. | 6109206 | 6109207 |
| Ref. no. | 5504 1300 55/20 | 5504 1525 55/20 |
| Lens diameter | 55 mm | 55 mm |
| Bridge width | 20 mm | 20 mm |
| Colour | anthracite | grey, translucent |
| Extras | | metal arms with sprung hinges |



uvex RX 5511

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

| uvex RX 5511 | | |
|---------------|-----------------|-----------------|
| Art. no. | 6108216 | 6108217 |
| Ref. no. | 5511 3000 49/20 | 5511 1500 49/20 |
| Lens diameter | 49 mm | 49 mm |
| Bridge width | 20 mm | 20 mm |
| Colour | blue | grey |
| Extras | metal arms | metal arms |

previously: uvex 9137 ceramic

Prescription safety spectacles
Basic collection plastic frames



5502 1725 56/15

5502 3525 56/15

uvex RX 5502

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

| uvex RX 5502 | | |
|---------------|-----------------|-----------------|
| Art. no. | 6108215 | 6108202 |
| Ref. no. | 5502 1725 56/15 | 5502 3525 56/15 |
| Lens diameter | 56 mm | 56 mm |
| Bridge width | 15 mm | 15 mm |
| Colour | grey | light blue |



5506 1725 56/18

uvex RX 5506

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

| uvex RX 5506 | |
|---------------|-------------------------|
| Art. no. | 6109210 |
| Ref. no. | 5506 1725 56/18 |
| Lens diameter | 56 mm |
| Bridge width | 18 mm |
| Colour | light grey, translucent |

previously: uvex 9134 meteor

Prescription safety spectacles

Basic collection metal frames



uvex RX 5105

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

| | | |
|---------------|-----------------|--|
| uvex RX 5105 | | |
| Art. no. | 6109107 | |
| Ref. no. | 5105 1800 50/20 | |
| Lens diameter | 50 mm | |
| Bridge width | 20 mm | |
| Colour | silver | |

previously: uvex 9253 silverstar



uvex RX 5106

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

| | | |
|---------------|-----------------|-----------------|
| uvex RX 5106 | | |
| Art. no. | 6109108 | 6109109 |
| Ref. no. | 5106 1400 50/20 | 5106 1400 52/20 |
| Lens diameter | 50 mm | 52 mm |
| Bridge width | 20 mm | 20 mm |
| Colour | gunmetal, matt | gunmetal, matt |

previously: uvex 9254 greystar



uvex RX 5107

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

| | | |
|---------------|-----------------|-----------------|
| uvex RX 5107 | | |
| Art. no. | 6109110 | 6109111 |
| Ref. no. | 5107 6200 47/20 | 5107 6200 49/20 |
| Lens diameter | 47 mm | 49 mm |
| Bridge width | 20 mm | 20 mm |
| Colour | antique gold | antique gold |

previously: uvex 9154 starlet



uvex RX 5108

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

| | | |
|---------------|-----------------|-----------------|
| uvex RX 5108 | | |
| Art. no. | 6109112 | 6109113 |
| Ref. no. | 5108 3400 54/19 | 5108 3400 56/19 |
| Lens diameter | 54 mm | 56 mm |
| Bridge width | 19 mm | 19 mm |
| Colour | steel blue | steel blue |

previously: uvex 9155 mercury

Prescription safety spectacles

Basic collection metal frames



5102 1400 51/20
5102 1400 53/20

uvex RX 5102

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

| uvex RX 5102 | | |
|---------------|-----------------|-----------------|
| Art. no. | 6109100 | 6109101 |
| Ref. no. | 5102 1400 51/20 | 5102 1400 53/20 |
| Lens diameter | 51 mm | 53 mm |
| Bridge width | 20 mm | 20 mm |
| Colour | gunmetal, matt | gunmetal, matt |

previously: uvex 9256 pilot



5103 1400 53/17
5103 1400 55/17

uvex RX 5103

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

| uvex RX 5103 | | |
|---------------|-----------------|-----------------|
| Art. no. | 6109104 | 6109105 |
| Ref. no. | 5103 1400 53/17 | 5103 1400 55/17 |
| Lens diameter | 53 mm | 55 mm |
| Bridge width | 17 mm | 17 mm |
| Colour | gunmetal, matt | gunmetal, matt |



5101 1018 54/17
5101 1018 56/17

uvex RX 5101

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

| uvex RX 5101 | | |
|---------------|-----------------|-----------------|
| Art. no. | 6109102 | 6109103 |
| Ref. no. | 5101 1018 54/17 | 5101 1018 56/17 |
| Lens diameter | 54 mm | 56 mm |
| Bridge width | 17 mm | 17 mm |
| Colour | black, silver | black, silver |



5104 6054 56/21

uvex RX 5104

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

| uvex RX 5104 | | |
|---------------|-----------------|--|
| Art. no. | 6109106 | |
| Ref. no. | 5104 6054 56/21 | |
| Lens diameter | 56 mm | |
| Bridge width | 21 mm | |
| Colour | gold, havanna | |

uvex RX ti

Titanium frames

Titanium is a high-quality material used exclusively in the aerospace industry and medical technology. Titanium has been used in prescription frames since 1983.

Titanium is corrosion-resistant and does not provoke allergic reactions. With a specific density of 4.5 g/cm^3 , titanium is approximately half the weight of stainless steel.

- ▶ Extremely stable
- ▶ Low weight
- ▶ Allergy neutral
- ▶ Suitable for cold forming
- ▶ Provides excellent wearer comfort



Prescription safety spectacles

uvex RX ti



5900 1600 49/20

uvex RX ti 5900

- titanium frame with oval-shaped lenses
- transparent side shields
- frame is lightweight, allergy neutral and corrosion-resistant
- anatomically adjustable, soft nose pads and easily adjustable earpieces for exceptional fit

| | |
|-----------------|-----------------|
| uvex RX ti 5900 | |
| Art. no. | 6109400 |
| Ref. no. | 5900 1600 49/20 |
| Lens diameter | 49 mm |
| Bridge width | 20 mm |
| Colour | titanium blue |



5901 1600 50/20

uvex RX ti 5901

- classic design titanium frame
- transparent side shields
- frame is lightweight, allergy neutral and corrosion-resistant
- anatomically adjustable, soft nose pads and easily adjustable earpieces for exceptional fit

| | |
|-----------------|-----------------|
| uvex RX ti 5901 | |
| Art. no. | 6109401 |
| Ref. no. | 5901 1600 50/20 |
| Lens diameter | 50 mm |
| Bridge width | 20 mm |
| Colour | titanium blue |



5902 1600 52/19

uvex RX ti 5902

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

| | |
|-----------------|-----------------|
| uvex RX ti 5902 | |
| Art. no. | 6109402 |
| Ref. no. | 5902 1600 52/19 |
| Lens diameter | 52 mm |
| Bridge width | 19 mm |
| Colour | titanium blue |

previously: uvex RX ti 9248

Prescription safety spectacles

uvex RX cb



Thanks to the special shape and overall width of the uvex RX cb frames, they are ideal for individuals with a flat nose bridge, high cheekbones and/or wide temples. The soft-form comfort ear pieces adjust to the wearer to ensure a non-slip fit.

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

Prescription safety spectacles

uvex RX cb



6109232

uvex RX cb 5580

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

| uvex RX cb 5580 | |
|-----------------|-----------------|
| Art. no. | 6109232 |
| Ref. no. | 5580 3015 57/14 |
| Lens | 57 mm |
| Bridge width | 14 mm |
| Colour | dark blue, grey |



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 |



Prescription safety spectacles

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

| Focus type | | Lens type | Parameter for centering of the lenses | |
|---|---|---|---|--|
| Description | | | Specific height Box measure | |
| Single vision | | | | |
| <ul style="list-style-type: none"> – Correction of visual defect in far, in-between or near distance |  | Single vision, Single vision HD | Single vision HD ≥ centre of lens Main line of sight | |
| Certified prescription range | | | | |
| Comfort lenses | | | | |
| Nahcomfort <ul style="list-style-type: none"> – Version with expanded near vision – Ideal for workplace environments of 30 cm to approx. 2 m |  | Nahcomfort Standard, Nahcomfort Optima Versions see page 32 | min. 17 mm Main line of sight | |
| Distanzcomfort <ul style="list-style-type: none"> – Calculation of the individual correction for defined distances (1 m, 2 m or 4 m) |  | Distanzcomfort Optima | min. 17 mm Zero line of sight | |
| Single vision Relax <ul style="list-style-type: none"> – To accommodate the prescription for the lower part of the lens, the prescription is increased by +0.5 of a diopter |  | Single vision Relax | min. 17 mm Zero line of sight | |
| Certified prescription range | | | | |
| Bifocals | | | | |
| <ul style="list-style-type: none"> – Correction of visual defect in far and reading distance – Visible segment for near distance – Steplike change from far distance to near distance at the edge of segment – Instantly well-tolerated, visible edge of segment supports orientation |  | Width of segment: 28 mm, curved | | |
| Certified prescription range | | | | |
| Varifocals | | | | |
| <ul style="list-style-type: none"> – Correction of visual defect in far, in-between and near distance – Gliding change from far distance to near distance (progressive canal) – The non-visible gliding zone corrects in-between distances |  | Varifocal Standard <ul style="list-style-type: none"> – Standard area for far distance and near distance – Long, narrow canal of progression | min. 23 mm Zero line of sight | |
| |  | Varifocal Pro Work <ul style="list-style-type: none"> – Large area for far distance – Wide canal of progression – Optimized area for reading distance | min. 20 mm Zero line of sight | |
| |  | Varifocal Piccolo <ul style="list-style-type: none"> – Suitable for flat frames – Large area for far distance and near distance – Shortened canal of progression | min. 17 mm Zero line of sight | |
| |  | Varifocal Top One <ul style="list-style-type: none"> – Very comfortable, large long-distance and close-up field of vision – Wide canal of progression for added convenience – Minimal blur in peripheral vision | min. 19 mm Zero line of sight | |
| |  | Varifocal Optima, Varifocal Optima HD <ul style="list-style-type: none"> – Individual adjusted multifocal lens of latest generation – Wide field of view for any distance – Improved design – Almost no blurred zones in periphery area >> Version HD see page 32 | 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 | Multi AR | Super AR | UV blue protect | Tint | Variomatic brown |
| ■ | ■ | ■ | ■ | ■ | HD not available | | ■ | ■ | ■ | ■ | ■ | ■ |
| | incl. hard coating recommended from +/- 4.0 dpt. | incl. hard coating only available with SAR recommended from +/- 6.0 dpt. | incl. hard coating | incl. hard coating only available with SAR | | only single vision | only single vision, not for hard glass | | ■ | only HI 1.67 or PC | | only Polycarbonate or Trivex |
| +10.0 to -10.0 dpt. at maximum value cyl. ± 8.0 dpt. | +12.0 to -13.0 dpt. at maximum value cyl. ± 8.0 dpt. | +13.0 to -14.5 dpt. at maximum value cyl. ± 8.0 dpt. | +9.5 to -12.0 dpt. at maximum value cyl. ± 8.0 dpt. | +8.0 to -11.0 dpt. at maximum value cyl. ± 7.0 dpt. | +7.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt. | | | | | | | +7.5 to -8.5 dpt. at maximum value cyl. ± 6.0 dpt. |
| Standard/ Optima | only Optima | only Optima | Standard/ Optima | only Optima | — | ■ | not for hard glass | ■ | only HI 1.67 or PC | — | — | — |
| ■ | ■ | ■ | ■ | ■ | — | ■ | not for hard glass | ■ | only HI 1.67 or PC | — | — | — |
| ■ | ■ | ■ | ■ | ■ | — | ■ | not for hard glass | ■ | only HI 1.67 or PC | — | — | — |
| +9.0 to -7.5 dpt. at maximum value cyl. ± 6.0 dpt. | +8.0 to -8.0 dpt. at maximum value cyl. ± 6.0 dpt. | +9.0 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. | +9.0 to -4.5 dpt. at maximum value cyl. ± 6.0 dpt. | +7.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt. | +6.0 to -4.5 dpt. at maximum value cyl. ± 4.0 dpt. | | | | | | | |
| ■ | ■ | — | ■ | — | ■ | ■ | not for hard glass | ■ | — | ■ | — | — |
| +7.0 to -8.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0 | +8.5 to -10.5 dpt. at maximum value cyl. ± 8.0 dpt. Add. +3.0 | | +10.0 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0 | | +6.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt. Add. +3.0 | | | | | | | |
| ■ | ■ | ■ | ■ | — | ■ | ■ | not for hard glass | ■ | — | ■ | — | only Polycarbonate |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | not for hard glass | ■ | only HI 1.67 or PC | ■ | ■ | only Polycarbonate or Trivex |
| ■ | ■ | ■ | ■ | — | ■ | ■ | — | ■ | — | ■ | ■ | only Polycarbonate |
| ■ | ■ | ■ | ■ | — | ■ | ■ | not for hard glass | ■ | only HI 1.67 or PC | ■ | ■ | only Polycarbonate |
| ■ | ■ | ■ | ■ | ■ | — | only Optima | only Optima not for hard glass | ■ | only HI 1.67 or PC | ■ | ■ | only Polycarbonate or Trivex |
| +6.0 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0 | +9.5 to -12.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0 | +10.0 to -12.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0 | +9.5 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0 | +6.0 to -13.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0 | +6.0 to -6.0 dpt. at maximum value cyl. ± 4.0 dpt. Add. +3.0 | | | | | | | +7.5 to -10.0 dpt. at maximum value cyl. ± 6.0 dpt. Add. +3.0 |

Prescription safety spectacles
uvex RX cd



5518 1333 54/22



5518 1341 54/22



5518 5074 54/22

uvex RX cd 5518

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

| uvex RX cd 5518 | | | |
|-----------------|-----------------|-------------------|------------------|
| Art. no. | 6109230* | 6109231* | 6109234* |
| Ref. no. | 5518 1341 54/22 | 5518 5074 54/22 | 5518 1333 54/22 |
| Lens diameter | 54 mm | 54 mm | 54 mm |
| Bridge width | 22 mm | 22 mm | 22 mm |
| Colour | anthracite, red | dark brown, green | anthracite, blue |

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

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



Prescription safety spectacles

uvex RX cd



5520 1333 54/18



5520 1344 54/18

uvex RX cd 5520

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

| uvex RX cd 5520 | | |
|-----------------|------------------|------------------|
| Art. no. | 6109236* | 6109245* |
| Ref. no. | 5520 1333 54/18 | 5520 1344 54/18 |
| Lens diameter | 54 mm | 54 mm |
| Bridge width | 18 mm | 18 mm |
| Colour | anthracite, blue | anthracite, pink |

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



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

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

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

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

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

Prescription safety spectacles
uvex RX cd



5514 1033 53/18



5514 1045 55/18

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 |

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



5515 1347 51/17



5515 1371 53/17



5515 1342 57/17

uvex RX cd 5515

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

| uvex RX cd 5515 | | | |
|-----------------|-------------------|--------------------|----------------------|
| Art. no. | 6109227 | 6109228* | 6109229* |
| Ref. no. | 5515 1347 51/17 | 5515 1371 53/17 | 5515 1342 57/17 |
| Lens diameter | 51 mm | 53 mm | 57 mm |
| Bridge width | 17 mm | 17 mm | 17 mm |
| Colour | anthracite, coral | anthracite, petrol | anthracite, dark red |

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

Prescription safety spectacles

uvex RX cd



uvex RX cd 5505

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

| uvex RX cd 5505 | | | | |
|-----------------|-----------------|-----------------|-----------------|-----------------|
| Art. no. | 6109208 | 6109209 | 6109214 | 6109215 |
| Ref. no. | 5505 2900 55/19 | 5505 2900 57/19 | 5505 2126 55/19 | 5505 2126 57/19 |
| Lens diameter | 55 mm | 57 mm | 55 mm | 57 mm |
| Bridge width | 19 mm | 19 mm | 19 mm | 19 mm |
| Colour | transparent | transparent | crystal, matt | crystal, matt |

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



uvex RX cd 5505 plan PC SAR

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

| uvex RX cd 5505 plan PC SAR | | |
|-----------------------------|---------------------------|---------------------------|
| Art. no. | 6108208 | 6108209 |
| Ref. no. | 5505 9020 55/19 | 5505 9020 57/19 |
| Lens diameter | 55 mm | 57 mm |
| Bridge width | 19 mm | 19 mm |
| Colour | crystal, matt | crystal, matt |
| Configuration | flat polycarbonate lenses | flat polycarbonate lenses |
| | HC, SAR | HC, SAR |
| Order unit | PC | PC |



5505 2126 55/19 with 5505 seal 55/19



5505 2900 57/19 with 5505 seal 57/19

uvex RX cd 5505 seal

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

| uvex RX cd 5505 seal | | |
|----------------------|------------------|------------------|
| Art. no. | 6118000 | 6118001 |
| Ref. no. | 5505 seal 55/19 | 5505 seal 57/19 |
| Lens diameter | 55 mm | 57 mm |
| Bridge width | 19 mm | 19 mm |
| Colour | black | black |
| Compatible with | Art. no. 6108208 | Art. no. 6108209 |
| | Art. no. 6109208 | Art. no. 6109209 |
| | Art. no. 6109214 | Art. no. 6109215 |
| Order unit | PC | PC |

Prescription safety spectacles

uvex RX cd 5505 flip-up – special versions



5505 9910 55/19
5505 9910 57/19

uvex RX cd 5505 flip-up, didymium

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

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



5505 9975 55/19
5505 9975 57/19

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

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

| uvex RX cd 5505 flip-up, X-ray protection | | |
|---|----------------------|----------------------|
| Art. no. | 6109241 | 6109242 |
| Ref. no. | 5505 9975 55/19 | 5505 9975 57/19 |
| Lens diameter | 55 mm | 57 mm |
| Bridge width | 19 mm | 19 mm |
| Colour | crystal matt, green | crystal matt, green |
| Features: flip-up | | |
| Lenses | Leaded mineral glass | Leaded mineral glass |
| Lens marking | Pbeq 0.75 | Pbeq 0.75 |

Prescription safety spectacles

uvex RX cd 5505 flip-up – special versions



5505 9965 55/19
5505 9965 57/19

uvex RX cd 5505 flip-up, CBR65

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

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



5505 9911 55/19
5505 9911 57/19

uvex RX cd 5505 flip-up, polarising filter

- flip-up incl. non-prescription lenses with polarising filter
- polarising filters only let in radiation from one vibration direction – scattered radiation (e.g. reflection on the surface of water) is suppressed
- particularly suitable for workplaces with a high risk of glare (e.g. offshore, maritime environment, construction industry) and/or highly reflective surfaces
- level of protection 5-3.1 in accordance with EN 172, mech. strength F in accordance with EN 166

| uvex RX cd 5505 flip-up, polarising filter | | |
|--|---------------------|---------------------|
| Art. no. | 6109239 | 6109240 |
| Ref. no. | 5505 9911 55/19 | 5505 9911 57/19 |
| Lens diameter | 55 mm | 57 mm |
| Bridge width | 19 mm | 19 mm |
| Colour | crystal matt, green | crystal matt, green |
| Features: flip-up | | |
| Lens | grey PC, polarising | grey PC, polarising |
| Lens marking | 5-3.1 W 1 F CE | 5-3.1 W 1 F CE |



5505 9905 55/19
5505 9905 57/19

uvex RX cd 5505 flip-up welding protection

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

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

Prescription safety spectacles

Lens options for uvex RX cd














uvex RX cd 5505



uvex RX cd 5505 flip-up



uvex RX cd 5514

| | | | | 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 | |
| Prescription range | | | | | Main line of sight | |
| Comfort lenses | | | | | | |
|  |  |  |  | Nahcomfort Standard, Nahcomfort Optima Versions see page 32 | min. 17 mm Main line of sight | |
| Nahcomfort Standard | Nahcomfort Optima | Distanzcomfort Optima | Single vision Relax | Distanzcomfort Optima | min. 17 mm Zero line of sight | |
| Prescription range | | | | Single vision Relax | min. 17 mm Zero line of sight | |
| Bifocals | | | | | | |
|  | | | | Width of segment: 28 mm, curved | | |
| Prescription range | | | | | | |
| Varifocals | | | | | | |
|  |  |  |  |  | Varifocal Standard | min. 23 mm Zero line of sight |
| Varifocal Standard | Varifocal Pro Work | Varifocal Piccolo | Varifocal Top One | Varifocal Optima | Varifocal Pro Work | min. 20 mm Zero line of sight |
| Prescription range | | | | 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 |

► 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.



uvex RX cd 5515



uvex RX cd 5518

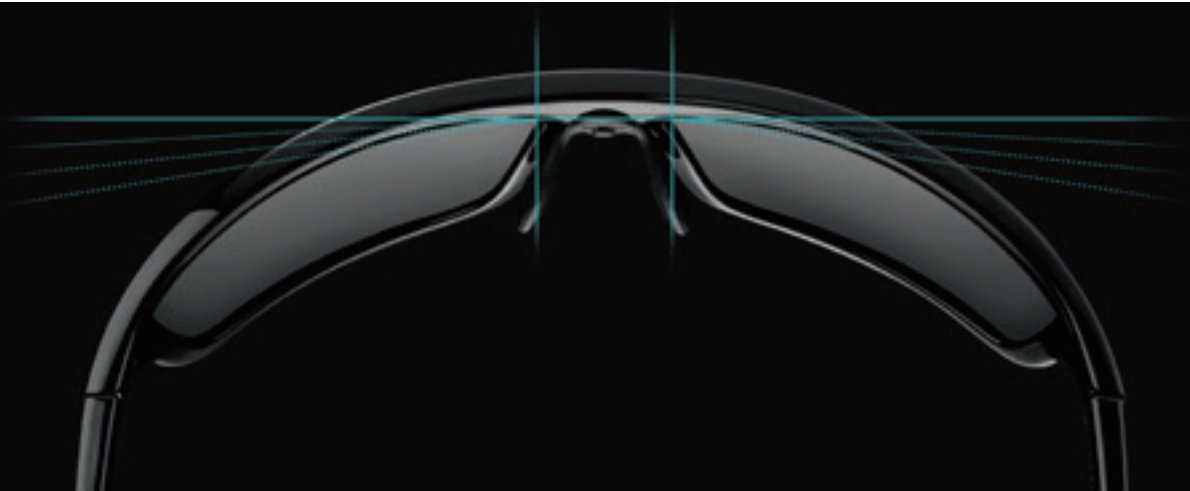


uvex RX cd 5520

| | Material | | | | | Extras, optional | | | | | |
|--|---|---|---|---|---|----------------------------|----------------------------|----------|----------------------------------|---------|---|
| | Plastic | | | | | Normal AR | Multi AR | Super AR | UV blue protect | Tinting | Variomatic brown |
| | CR 39 | HI 1.6 | HI 1.67 | PC | Trivex | | | | | | |
| | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| | | incl. hard coating | incl. hard coating only available with SAR | incl. hard coating | incl. hard coating only available with SAR | only single visi- on | only single visi- on | | only HI 1.67 or PC | | only Polycarbonate or Trivex |
| | +6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. | +6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. | +6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. | +6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. | +6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. | | | | | | +6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. |
| | | | | | | | | | | | |
| | Standard/Optima | only Optima | only Optima | Standard/Optima | only Optima | ■ | ■ | ■ | only Optima, HI 1.67 or PC | — | — |
| | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | only HI 1.67 or PC | — | — |
| | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | only HI 1.67 or PC | — | — |
| | +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. | +6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. | | +6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. | | | | | | | |
| | | | | | | | | | | | |
| | ■ | ■ | ■ | ■ | — | ■ | ■ | ■ | — | ■ | only Polycarbonate |
| | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | only, HI 1.67 or PC | ■ | only Polycarbonate or Trivex |
| | ■ | ■ | ■ | ■ | — | ■ | — | ■ | — | ■ | only Polycarbonate |
| | ■ | ■ | ■ | ■ | — | ■ | ■ | ■ | only, HI 1.67 or PC | ■ | only Polycarbonate |
| | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | only, HI 1.67 or PC | ■ | only Polycarbonate or Trivex |
| | ■ | ■ | ■ | ■ | ■ | only Optima | only Optima | ■ | only, HI 1.67 or PC | ■ | only Polycarbonate or Trivex |
| | +6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. | +6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. | +6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. | +6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. | +6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. | | | | | | +6.0 to -6.0 dpt. at maximum value cyl. ±4.0 dpt. |

uvex RX sp

Lifestyle at work



uvex RX sp frames

Make a statement with the uvex RX sp collection which stands out due to its sporty design and appealing frame colour combinations.

All protection functions are fully integrated into the frame design requiring no separate side guards which is commonly the case with conventional protective spectacles.

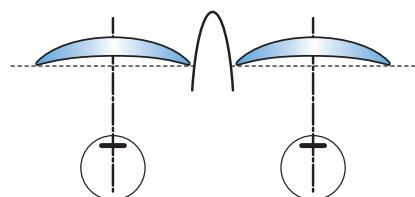
The wraparound design offers the perfect fit and maximum protection thanks to its wide side arms and curvature of the lens. As with all uvex models, only the highest quality plastics are used in its protection.

uvex anatomic sport lens

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

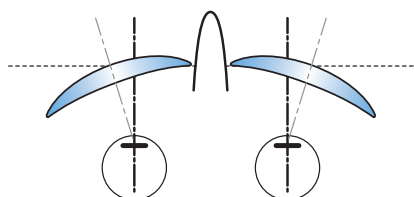
This means:

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



Conventional prescription glasses:

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



Spectacles with more strongly curved lenses:

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

uvex HD lenses

uvex HD lenses – maximum individuality

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

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

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

No greater customisation is possible.

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

Prescription safety spectacles

uvex RX sp



5512 5573 65/16



5512 1348 65/16

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

| 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 |

| uvex tight-fit-kit | | |
|--------------------|--|--|
| Art. no. | 6118004 | 6118005 |
| Design | uvex tight-fit-kit for uvex RX sp 5512 | uvex tight-fit-kit for uvex RX sp 5512 |
| Colour | brown, olive | anthracite, orange |
| Order unit | PC | PC |

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



6118004



5512 5573 65/16 assembled with uvex tight-fit-kit 6118004



6118005



5512 1348 65/16 assembled with uvex tight-fit-kit 6118005



5513 1577 62/16

uvex RX sp 5513

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

| uvex RX sp 5513 | |
|-----------------|-------------------|
| Art. no. | 6109222 |
| Ref. no. | 5513 1577 62/16 |
| Lens diameter | 62 mm |
| Bridge width | 16 mm |
| Colour | grey, light green |

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

Prescription safety spectacles

uvex RX sp



5519 5573 56/21



5519 1371 56/21



5510 1217 62/17



5510 1248 62/17

uvex RX sp 5519

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

| uvex RX sp 5519 | | |
|-----------------|-----------------|--------------------|
| Art. no. | 6109223 | 6109224 |
| Ref. no. | 5519 5573 56/21 | 5519 1371 56/21 |
| Lens diameter | 56 mm | 56 mm |
| Bridge width | 21 mm | 21 mm |
| Colour | brown, olive | anthracite, petrol |

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

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 |

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

uvex RX goggle

The first wide-vision goggles directly fitted with prescription lenses

Direct prescription lenses ensure perfect vision at all times.

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

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



Direct prescription lenses

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



Flexible headband clip

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



Sophisticated ventilation

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



Hygiene

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



uvex RX goggle

| uvex RX goggle | |
|----------------|------------------|
| Art. no. | 6109500 |
| Ref. no. | 9500 1379 61/14 |
| Lens | 61 mm |
| Bridge width | 14 mm |
| Colour | anthracite, lime |



Safety eyewear case with pocket for regular spectacles included

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

PC+

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

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

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

Recommended applications

for uvex RX goggles with PC+:

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

► Mechanical strength "B", 120 m/s

for uvex RX goggles with Trivex:

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

► Mechanical strength "F", 45 m/s

For further information on lens materials and models, information can be found on page 32-34

Prescription safety spectacles

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

| uvex RX sp 5519, uvex RX sp 5510 | | Important note | Lens type | Parameter for centering of the lenses | |
|---|---|---|-----------------------------------|---------------------------------------|--|
| Description | | | | Specific height Box measure | |
|  | Single vision | | | | |
| |  | for uvex RX sp 5510: Minimum PD ≥ 32.0 mm Fitting height ≥ centre of lens | Single vision Single vision HD | Main line of sight | |
| | Comfort lenses | | | | |
| |  Nahcomfort Optima | for uvex RX sp 5510: Minimum PD ≥ 32.0 mm Fitting height ≥ 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. 17 mm Zero line of sight | |
| | Varifocals | | | | |
| |  Varifocal Pro Work | for uvex RX sp 5510: Minimum PD ≥ 32.0 mm Fitting height ≥ 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 ≥ 32.0 mm Fitting height ≥ centre of lens | Single vision Single vision HD | Main line of sight | |
| | Comfort lenses | | | | |
| |  Nahcomfort Optima | Minimum PD ≥ 32.0 mm Fitting height ≥ 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. 17 mm Zero line of sight | |
| | Varifocals | | | | |
| |  Varifocal Pro Work | Minimum PD ≥ 32.0 mm Fitting height ≥ 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 goggle | | Important note | Lens type | Parameter for centering of the lenses | |
| Description | | | | Specific height Box measure | |
|  | Single vision | | | | |
| |  | When using PC or PC+ Minimum PD ≥ 32.0 mm When using Trivex Minimum PD ≥ 34.0 mm | Single vision Single vision HD | Main line of sight | |
| | Varifocals | | | | |
| |  Varifocal Pro Work | When using PC or PC+ Minimum PD ≥ 32.0 mm When using Trivex Minimum PD ≥ 34.0 mm | Varifocal Pro Work | min. 20 mm Zero line of sight | |
| |  Varifocal Optima | | 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 | Multi AR | Super AR | UV blue protect | Tint | Variomatic brown |
| | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| | | incl. hard coating | incl. hard coating only available with SAR | incl. hard coating | incl. hard coating | | | | only HI 1.67 or PC | | only Polycarbonate or Trivex |
| | | | | | | | | | | | |
| | ■ | ■ | ■ | ■ | — | ■ | ■ | ■ | only HI 1.67 or PC | — | — |
| | ■ | ■ | ■ | ■ | — | ■ | ■ | ■ | only HI 1.67 or PC | — | — |
| | ■ | ■ | ■ | ■ | — | ■ | ■ | ■ | only HI 1.67 or PC | — | — |
| | | | | | | | | | | | |
| | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | only HI 1.67 or PC | ■ | only Polycarbonate or Trivex |
| | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | only HI 1.67 or PC | ■ | only Polycarbonate or Trivex |
| | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | only HI 1.67 or PC | ■ | only Polycarbonate or Trivex |
| | + 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt. | + 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt. | + 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt. | + 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt. | + 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt. | | | | | | + 5.0 to – 5.0 dpt. at maximum value cyl. ±2.0 dpt. |
| | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| | | incl. hard coating | incl. hard coating only available with SAR | incl. hard coating | incl. hard coating | | | | only HI 1.67 or PC | | only Polycarbonate or Trivex |
| | | | | | | | | | | | |
| | ■ | ■ | ■ | ■ | — | ■ | ■ | ■ | only HI 1.67 or PC | — | — |
| | ■ | ■ | ■ | ■ | — | ■ | ■ | ■ | only HI 1.67 or PC | — | — |
| | ■ | ■ | ■ | ■ | — | ■ | ■ | ■ | only HI 1.67 or PC | — | — |
| | | | | | | | | | | | |
| | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | only HI 1.67 or PC | ■ | only Polycarbonate or Trivex |
| | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | only HI 1.67 or PC | ■ | only Polycarbonate or Trivex |
| | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | only HI 1.67 or PC | ■ | only Polycarbonate or Trivex |
| | + 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt. | + 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt. | + 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt. | + 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt. | + 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt. | | | | | | + 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt. |
| | Material | | | | | Extras, optional | | | | | |
| | CR 39 | HI 1.6 | Plastic HI 1.67 | PC/PC ⁺ | Trivex | Normal AR | Multi AR | Super AR | UV blue protect | Tint | Variomatic brown |
| | — | — | — | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| | | | | incl. hard coating | incl. hard coating only available with SAR | | | | only HI 1.67 or PC | | only Polycarbonate or Trivex |
| | | | | | | | | | | | |
| | — | — | — | ■ | ■ | ■ | ■ | ■ | only HI 1.67 or PC | ■ | only Polycarbonate or Trivex |
| | — | — | — | ■ | ■ | ■ | ■ | ■ | only HI 1.67 or PC | ■ | only Polycarbonate or Trivex |
| | — | — | — | ■ | ■ | ■ | ■ | ■ | only HI 1.67 or PC | ■ | only Polycarbonate or Trivex |
| | | | | + 3.50 to – 3.50 dpt. at maximum value cyl. ±2.0 dpt. | + 3.50 to – 3.50 dpt. at maximum value cyl. ±2.0 dpt. | | | | | | + 3.5 to – 3.5 dpt. at maximum value cyl. ±2.0 dpt. |

Prescription safety spectacles

Focustypes

Single vision lenses

Single vision lenses correct long and short-sightedness.

Multi-focal lenses

In addition to correcting distance vision, multi-focal glasses correct long-sightedness and also correct intermediate distances, if applicable. Multi-focal glasses are required when the eyes are no longer able to adjust easily due to the natural aging process. Small objects, just in front of the eye, are no longer clearly discerned (so-called age-related long-sightedness, presbyopia).

Bifocal

Visibly ground segment for near vision ("reading field")
Abrupt transition from distance to near vision at the edge of the segment
Instant wearer acceptance: distinct edge helps eyes to adjust
Intermediate ranges are not corrected

Multifocal

- Gradual transition from distance to near vision, known as progressive lenses
- Invisible progression also corrects in-between distances
- Clear vision at all viewing distances
- May require an initial phase of adjustment

uvex HD lenses

uvex HD lenses – maximum individuality

uvex optima prescription lenses in the so-called free-form design are produced specially for you. The inner surface of the raw lenses is calculated and produced taking into account your individual prescription, the glass curve and your eye measurements (distance between the eyes and fitting height).

Further individual parameters such as corneal vertex distance, face form-wrap and pantoscopic tilt are also taken into account. Special programs have been developed to map thousands of individual points on the inside of the lenses. The results are directly incorporated into the customised uvex optima HD lenses. Greater customisation is not possible.

uvex optima HD lenses are available in the single vision HD and varifocal Optima HD designs.

Selected optical associates or your uvex optical consultant will determine the individual measurements for you.

Comfort lenses

Comfort lenses are mainly used at computer workstations. Invisibly integrated correction areas ease the strain on the eyes when looking at near and intermediate distances (so-called accommodation support). The visual requirements in many other working environments are also limited to areas, which are just in front of the eye up to a few meters away. Comfort lenses are a good alternative, if the prescription safety spectacles are only used at workstations and distance vision (> 5 m distance) is mainly not necessary.

Nahcomfort Standard, Nahcomfort Optima

- Perfect solution for working distances between 30 cm and around 2 m
- The medium range of the lens surface is determined by the degression chosen and is designed for a distance of ca. 60 to 80 cm.
- Three versions available, depending on the required prescription for reading distance (addition) and 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 are calculated and manufactured, taking into account the correction, the glass curve and the distance between the eyes

| Type A | Type B | Type C |
|--------------------------|--------------------------|--------------------------|
| Degression** 0.75 dpt | Degression** 1.25 dpt | Degression** 1.75 dpt |
| < 50 years | 50 to 55 years | > 55 years |

** Degression: correction reduced, based on the close-range value

Distanzcomfort Optima

Perfect solution for working distances between 30 cm and around 1 m, 2 m or 4 m
By specifying the viewing distance, which 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 viewing distance (one, two or four metres) as well as the eye measurements (distance between the eyes and fitting height)

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 (so-called accommodation support).
- The distance correction remains unchanged
- All that is needed to place an order are details of the distance values and the eye measurements (distance between the eyes and fitting height)
- We recommend Single Vision Relax lenses for professionals, who use mobile devices (notebook, tablet, smartphone etc.) for their daily work.

Prescription safety spectacles

Lens materials · Anti-reflective coating · Tinting

Lens materials

Polycarbonate

Additional labelling: PC

- organic material with very high breaking strength
- only limited resistance to chemicals
- mechanical strength, class "F" (45 m/sec)
- PC+ – polycarbonate with increased centre thickness, specially for uvex RX goggle (see page 339)

Trivex™

- organic material with high breaking strength
- light weight, suitable for even higher prescription values
- excellent optical performance, even for higher prescription values
- excellent resistance to cleaning agents, oils and cosmetics
- good scratch resistance
- best all-round lens material
- mechanical strength, class "F" (45 m/sec)

CR39

Additional labelling: plastic

- Safety spectacles should always be modified otherwise the tensile strength is too low. The middle of the lens must be thicker in order to meet the requirements for tensile strength.
- light weight organic material
- very good optical performance even for high prescriptions
- suitable for working with chemicals and paints/varnishes
- good scratch resistance due to hard layer (optional)
- mechanical strength, class "S" (falling ball test)

HI (high index), organic lens materials with high refractive index

- organic lenses with a refractive index of 1.6 or 1.67 provide better vision (than CR 39)
- the lenses have the required optical efficacy if they comprise less material and the surface is less curved
- the lens is thinner and more aesthetically pleasing
- recommended for a prescription > +/-4.0 dpt.: HI 1.6 recommended for a prescription > +/-6.0 dpt.: HI 1.67
- mechanical strength, class "S" (falling ball test)

Hardened glass

Additional labelling: silicate, mineral glass, glass

Safety spectacles should always be modified otherwise the tensile strength is too low. The tensile strength is increased through thermal or chemical hardening treatments.

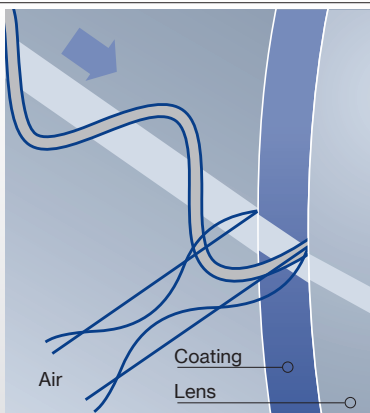
- mechanical strength, class "S" (falling ball test)
- highly scratch-resistant surface
- suitable for working with chemicals and paints/varnishes
- heavy weight, not recommended for prescription values greater than +/-4.0 dpt
- spark penetration when welding or grinding
- implosion with liquid metals

Anti-reflective coating

Anti-reflective coating is applied to the inside and outside of lenses by vapour deposition. It significantly reduces reflections on the surfaces, as well as offering an aesthetic advantage and reducing light transmission.

3 qualities are available:

- Normal anti-reflective coating
- Multiple anti-reflective coating
- Super anti-reflective coating



UV blue protect

Lens material with special absorber, which filters UV-radiation completely and reduces blue light.

- 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 around 86%
- uvex UV blue protect lenses are contrast enhancing and prevent eye fatigue and also prevent age-related macular degeneration (AMD)
- the mechanical strength of the lenses is ensured, clear lenses with uvex UV blue protect will have the marking 2C-1,2
- uvex UV blue protect is optionally available for lens materials Polycarbonate (PC) and HI 1,67

Tinting

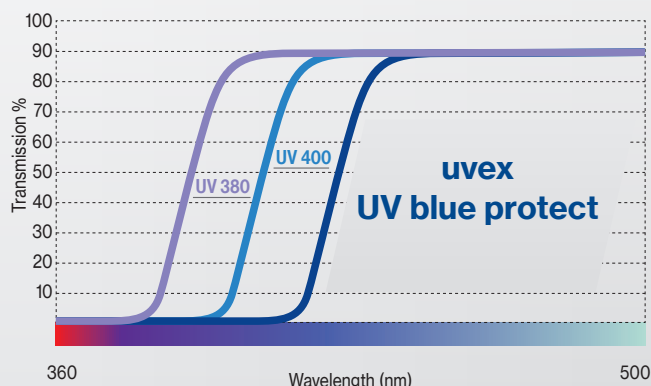
Tinted lenses provide effective protection against glare in areas with high light intensity (for example, sunlight).

Constant tinting

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

Variable tinting – Variomatic™

- lenses tint automatically, depending on the intensity of the UV radiation and temperature
- tinting of between approx. 8% and 80%, in brown
- Polycarbonate and Trivex™ prescription safety lenses



Prescription safety spectacles

Certification and labelling

The frames and lenses of tailor-made prescription safety spectacles in accordance with European standard 166 must feature a permanent mark.

Independent testing institutes carry out certification of the materials at regular intervals.

Frames and lenses must be marked with the manufacturer's identification and the mechanical strength, and the lenses must also be marked with the optical quality class.

The different methods used to test mechanical strength vary according to the lens material. The test methods are defined under European standard EN 168.

If the mechanical strength level marked on the lens differs from that on the frame, the lower mechanical strength applies to the eye protection as a whole.

NB: due to marking requirements, it is not possible to purchase frames without lenses. Please do not modify any feature of the complete spectacles obtained from uvex as this may reduce their protective function.

Basic requirements in accordance with EN 166 (extract)

• Mechanical strength

| Increased robustness | Impact resistance, low energy | Impact resistance, medium energy |
|--|--|---|
| Ball bearing drop test, Dropping a ball bearing (44 g) against the lens/supporting frame from a height of 1.30 m | Firing a ball bearing (0.88 g) against the lens/supporting frame, Impact speed 45 m/s (≥ 162 km/h) | Firing a ball bearing (0.88 g) against the lens/supporting frame, Impact speed 120 m/s (432 km/h) |
| Identification class: S | Identification class: F | Identification class: B |

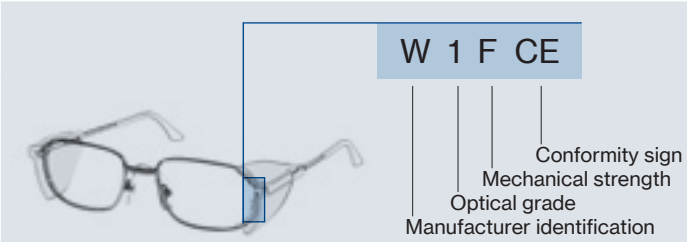
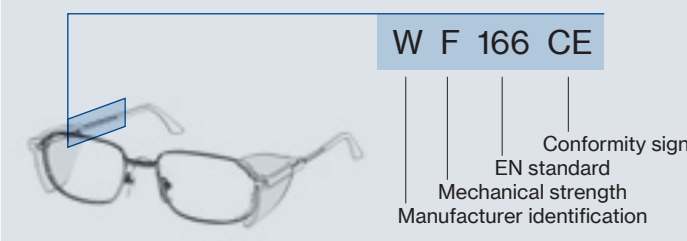
Additional requirements in accordance with EN 166 (extract)

- Resistance to liquids (droplets and splashes)
Labelling: 3
- Resistance to coarse dust (grain size > 5µm)
Labelling: 4

Optional requirements in accordance with EN 166 (extract)

- Mechanical strength tested under extreme temperatures (+50°C and -5°C)
Labelling: T
This labelling is always in combination with mechanical strength (for example, FT).

Marking according to EN 166

| Lens marking | | | |
|-----------------------------|---|---|--|
| Manufacturer identification | Optical grade | Mechanical strength |  |
| W = uvex | 1 | S = Increased robustness F = Low-energy impact (45 m/sec.) B = Medium-energy impact (120 m/s) | |
| Frames marking | | | |
| Manufacturer identification | Mechanical strength | Applicable EN standard |  |
| W = uvex | S = Increased robustness F = Low-energy impact (45 m/sec.) B = Medium-energy impact (120 m/s) | 166 | |

► “F” constitutes the highest mechanical strength class which a pair of spectacles can be allocated according to EN 166.

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 dioptré 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.



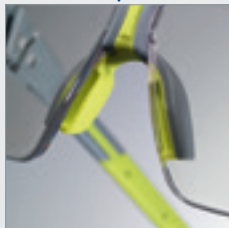
Variable side arm inclination

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.

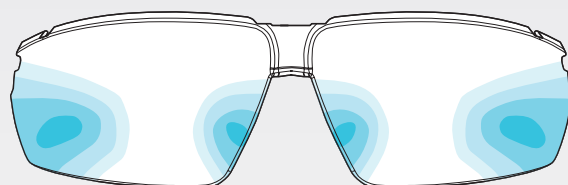
MADE IN GERMANY

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 W 166 FT CE 0196 | anthracite, lime W 166 FT CE 0196 |
| Lens | PC clear UV 400 2C-1.2 W 1 FTKN CE uvex supravision excellence | PC clear UV 400 2C-1.2 W 1 FTKN CE uvex supravision excellence |
| Strength | 1.0 dpt. | 2.0 dpt. |
| Order unit | PC | PC |



Including soft spectacles case with microfiber cloth

VDU spectacles

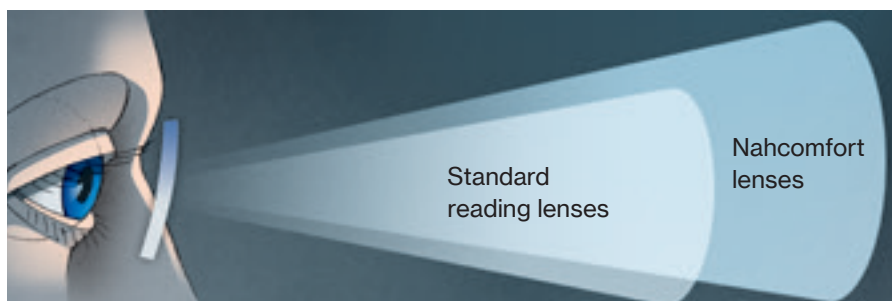
Spectacle lens technology and body posture at VDU workstations

The positioning of screen, keyboard and reading materials at office workstations can cause vision related problems.

To be able to focus properly at different distances, spectacle wearers adopt an unnatural head position and body posture, which can lead to posture-related discomfort.

As you become older, it becomes increasingly difficult for the lens within the eye to adjust to various distances.

Working in front of a VDU or performing other activities that involve alternating between different distances frequently causes fatigue as a result of the constant strain to the eye.



The diagrams and explanations above outline the differences between the various lens options; the potential affect on the wearer and how the Nahcomfort overcomes many of the issues experienced by those working at a VDU or computer.

Varifocal lenses

Varifocal lenses are designed to give the wearer focused vision from 40 cm onwards. However, to see the computer screen clearly through the middle and lower areas of the lense, the wearer has to change their normal head posture and hold their head at an unusually high angle. This can result in permanent straining of the shoulder and neck muscles.

Single-vision lenses

Single-vision lenses, as used in standard reading glasses, enable the wearer to see clearly at a normal reading distance of between 30 cm and 40 cm, which is the ideal distance for keyboards or printed documents. However, if an employee also wishes to see the computer screen and the surrounding area clearly, it is necessary to lower the head and look over the top of the reading glasses. This unnatural head posture puts a severe strain on the shoulder and neck muscles.

Nahcomfort lenses

Nahcomfort lenses are specially designed to suit computer-based workplaces and provide unrestricted vision at VDU workstations.

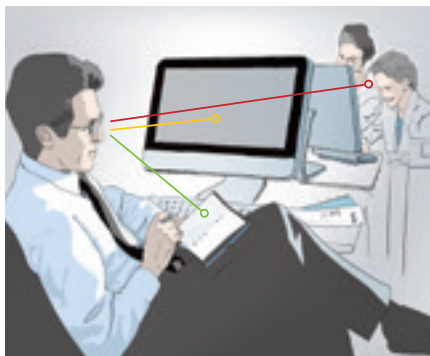
The advantages are:

- seamless focused vision from 30 cm to approx. 2 meters
- the head remains in an ideal position allowing keyboards, computer screens and work documents to be seen clearly
- a marked reduction of posture-related complaints, because the head and neck remain in a natural position

VDU spectacles

Nahcomfort lenses

Nahcomfort lenses are developed for those working in front of a computer monitor or undertaking work that requires frequently alternating between distances of approx. 30 cm and 2 m. The unique design facilitates unimpaired vision in the essential focal zones.



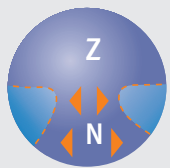

Lens design

- The wearer's usual reading prescription is found in the lower part of the lens.
- The reading prescription gradually becomes weaker further up the lens; in the upper part of the lens, vision is clear at a maximum of approx. 2 m.
- The transitions between the different zones are smooth, similar to varifocal lenses.

Advantages of Nahcomfort lenses

- seamlessly sharp vision at distances of approx. 30 cm to 2 m (the distance is a guideline and may vary depending on the prescription)
- a more comfortable field of vision in the individual zones in comparison with varifocal lenses
- a more natural head position is achieved at the work station, this helps to reduce posture-related complaints, such as tension in the neck muscles

Lensmaterial/style

| Nahcomfort Standard | Nahcomfort Optima |
|---|--|
|  |  |
| Choice of CR 39 or Silicate | Optimised design of the vision zones, very comfortable style, available in CR 39, HI 1,6, HI 1,67 oder HI 1,74 |

Lens type

When selecting the lens type, the wearer's required reading "addition" (reading prescription) and/or the "degression" (reduction of the reading prescription towards the top of the lens) is taken into account.

Alternatively, the age of the wearer can be used as a point of reference.



Please specify lens type, material and desired model with order.

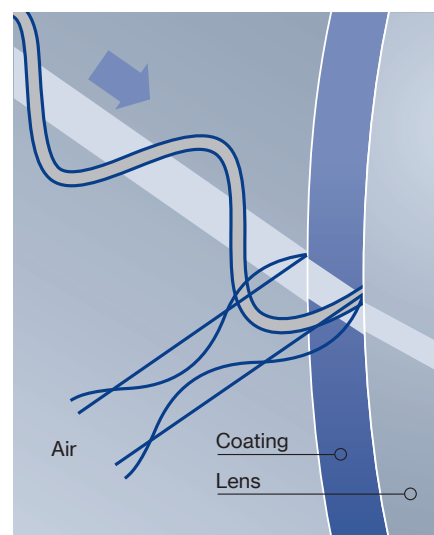
| | Type A | Type B | Type C |
|-----------------|-------------------|----------------------|-------------------|
| Degression | 0.75 dpt. | 1.25 dpt. | 1.75 dpt. |
| Addition | < 1.5 dpt. | 1.75 to 2.25 dpt. | > 2.25 dpt. |
| – alternatively | Age < 50 years | Age 50 – 55 years | Age > 55 years |

Anti-reflection

We recommend anti-reflective lenses for work at a VDU. An anti-reflective metal oxide coating is applied, which ensures a significant reduction in reflections on the inner and outer sides of the lens.

This increases the light transparency of the lens and vision clarity is improved. Vision discomfort as a result of reflections is reduced.

| Normal anti-reflective | Super anti-reflective |
|---|--|
| 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% |



UV blue

The multi-layered surface of uvex UV blue includes a layer that provides enhanced filtration of short-wave visible light in the blue-violet range.

Providing effective protection against the symptoms of fatigue and headaches associated predominantly with long periods of working at a monitor and/or with digital media.

The uvex UV blue layer system also includes a super anti-reflective coating and a scratch-resistant coating.

VDU spectacles
Metal frames



3111 1172 59/17



3114 1000 52/16



3115 4000 54/16



3116 5500 53/17



3117 1590 48/20



3118 7190 55/17

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

VDU spectacles
Metal frames



3112 1233 54/17



3113 1000 53/18



3106 5100 50/20



3107 1000 55/17



3108 1400 54/18



3103 1400 50/20

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

VDU spectacles
Plastic frames



3510 1025 52/17



3512 1341 52/18



3506 3329 55/16



3508 1000 54/18

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

VDU spectacles
Plastic frames



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

VDU spectacles
Titanium frames · Nylon frames



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



uvex high-fit

uvex high-fit

Tailor-made hearing protection

Noise-induced hearing loss is still one of the most common occupational hazards. It generally develops painlessly and without warning and the risk to hearing and the importance of hearing protection are often recognised too late. Only those who suffer from hearing loss really understand just how essential a good sense of hearing is and that taking protecting it should be a top priority.

Permanent noise in the workplace creates stress, although employees may only be subconsciously aware of it. Stress situations represent an additional source of risk and can lead to a reduced ability to concentrate, which may result in increased personal risk and negatively effect productivity. uvex high-fit hearing protection products are tailor-made devices which are adapted to the auditory canal of the wearer. A perfect, pressure-free fit ensures the optimum level of comfort. Contact with the outer ear is limited, preventing irritation resulting from dust and sweat. A capillary tube ensures adequate ventilation of the auditory canal to relieve any pressure build-up or the risk of not hearing critical messages or instructions.

uvex high-fit otoplastics are equipped with a filter which can be selected according to the prevailing noise situation in the workplace.

All products and protection levels are tested and certified according to EN 352-2.

During a risk assessment carried out by a health and safety professional or external qualified provider, hearing protection products can be categorised as particularly well-suited to use in specific areas of application.

The classifications are defined as follows:

S – Signal hearing in rail track superstructure construction
V – Signal hearing in road traffic
W – Alarm signal hearing, general
E – Signal hearing for multiple-unit drivers and shunting train drivers in railway operations

E1 – very suitable, particularly for persons with impaired hearing.

E2 – suitable.

Information is supplied with individual products.



Functional testing

In their prevention guide "Use of hearing protection otoplastics", the DGUV specifies that a professional functional test must be carried out before otoplastics are first used. They recommend carrying out regular testing at least every three years to ensure that the otoplastics offer the intended level of protection.

Link to prevention guideline:

www.dguv.de

To arrange the functional checks for your uvex high-fit otoplastics, please speak to your uvex contact directly.

Phone: +49 (0)911 9736-1433

Fax: +49 (0)911 9736-1679

email: high-fit@uvex.de

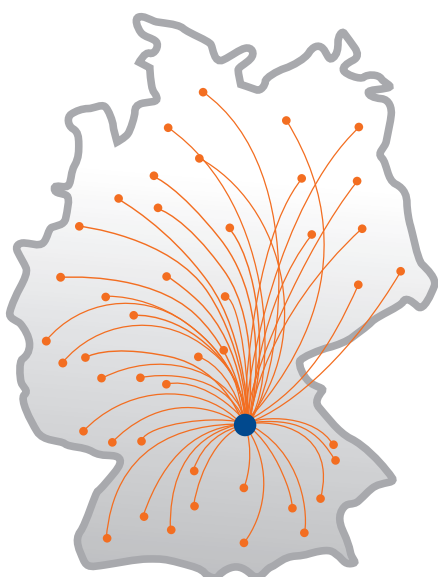
The new PPE Regulation (EU) 2016/425 classifies hearing protection in the highest protection category III. All uvex hearing protection products are subject to this risk category and protect against the risks of harmful noise. There is a duty to provide instruction to employees for products in this category. It is the employer's responsibility to instruct employees accordingly regarding the use of the product. We will be happy to assist you. Please contact your uvex representative regarding this.



Partnership with uvex

Summary of your benefits

- customised solution for each member of staff
- legal security based on certified products
- individual advice on products to suit the noise situation in the specific work area
- selection of otoplastic and filter materials adapted to suit the noise situation in the specific work area
- medical history and mould impressions taken locally by trained specialists
- training and information provided on the risks in the workplace
- extensive range of materials and filters
- after-sales service and functional testing offered



Taking impressions in situ

The individual production of tailor-made otoplastics requires a mould of the auditory canal. uvex staff, or personnel authorised to take the mould impressions on behalf of uvex, have been specially trained by expert audiologists. Attendance at annual refresher courses incorporating a practical module is mandatory.

Procedure for taking the impression:

- Medical history and information on hearing protection
- Otoscope examination of the auditory canal
- Applying the empty mould, filling the auditory canal with the impression substance
- Removing the mould
- Final otoscope check of auditory canal

With individually tailored product solutions, it is particularly important to offer customers an expert local adjustment service, capable of being available on-site as quickly as possible. In addition to personal on-site service by our specialists, uvex has expert partners throughout Germany in acoustic hearing aid clinics to ensure a flexible service.

There are many ways to obtain uvex high-fit hearing protection. We are happy to help in determining the perfect solution for your company. Please contact us.

Phone: +49 (0)911 9736-1433

Fax: +49 (0)911 9736-1679

email: high-fit@uvex.de

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

high-fit duro active

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



This means, for example, that the system can be adapted to meet the specific requirements of a person with existing hearing difficulties. An electronic, active hearing protection system with a fully digital high-tech amplifier that uses finely tuned and highly sensitive microphones to provide the best directional and optimal ambient hearing.

The combination of customised otoplastic hearing protection together with our finely controlled amplifier technology ensures the highest level of hearing protection and sound clarity. This means that the high-fit duro can confidently be used up to an exposure level of 112 dB(A).

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

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

The CeruStop cerumen filter system protects against moisture and sweat.

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

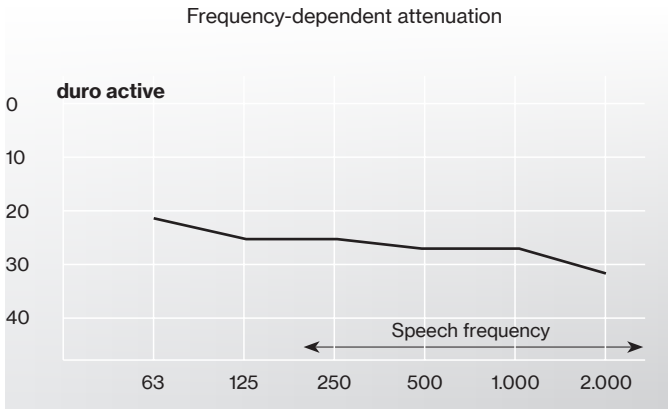
uvex high-fit
Industrial otoplastics



uvex high-fit duro active

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

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



| | |
|---------------------------|--------------------|
| uvex high-fit duro active | |
| Art. no. | 6170840 |
| Norm | EN 352-2, EN 352-7 |
| Standard | 26 dB |
| Colour | black, beige |

| | | | | | | | |
|--|------|------|------|------|------|------|--|
| uvex high-fit duro active (black filter element) | | | | | | | |
| SNR 26 dB – H 28 dB M 22 dB L 20 dB | | | | | | | |
| f / Hz | 63 | 125 | 250 | 500 | 1000 | 2000 | |
| Attenuation / dB | 21.5 | 25.3 | 25.2 | 27.1 | 27 | 31.6 | |
| SD / dB | 7.3 | 8.6 | 7.2 | 6.3 | 6.3 | 4.1 | |
| APV / dB | 14.2 | 16.7 | 18 | 20.8 | 20.7 | 27.5 | |



Included

- active otoplastic hearing protection – tailor-made to the individual's ear canal
- hard shell case
- 1 blister pack of zinc-air batteries, size 312
- 1 blister pack of earwax filters
- uvex cleaning cloths for otoplastics
- User information

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

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

uvex high-fit
Industrial otoplastics



uvex high-fit u-cut HC

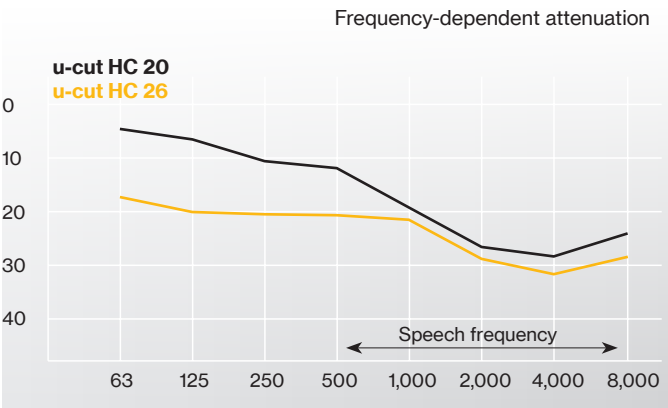
- half-concha custom otoplastic design
- soft silicone material (dermatologically tested)
- removable otoplastics for the auditory canal offer maximum flexibility; can also compensate for strong jaw movement
- thanks to its unique design, this otoplastic is softer, lighter and more flexible in the auditory canal and on the ear conch for maximum wearer comfort
- with anti-bacterial nano-coating

Areas of application:

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

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

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



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

| uvex high-fit u-cut HC 26 (yellow filter element) | | | | | | | | |
|---|------|------|------|------|------|--|------|------|
| SNR 26 dB – H 25 dB M 23 dB L 21 dB | | | | | | Classification: S, W, --, E ₂ | | |
| f / Hz | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| Attenuation / dB | 23.9 | 25.1 | 24.6 | 25.4 | 25.9 | 32.7 | 36.1 | 32.3 |
| SD / dB | 6.7 | 5.1 | 4.3 | 4.8 | 4.5 | 3.8 | 4.4 | 3.9 |
| APV / dB | 17.2 | 20.0 | 20.3 | 20.6 | 21.4 | 28.9 | 31.7 | 28.4 |

uvex high-fit
Industrial otoplastics



uvex high-fit u-cut HC

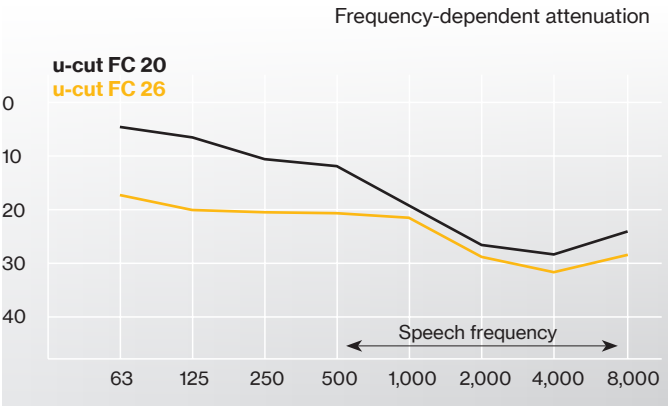
- full-concha custom otoplastic design
- soft silicone material (dermatologically tested)
- removable otoplastics for the auditory canal offer maximum flexibility; can also compensate for strong jaw movement
- thanks to its unique design, this otoplastic is softer, lighter and more flexible in the auditory canal and on the ear conch for maximum wearer comfort
- with anti-bacterial nano-coating

Areas of application:

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

| uvex high-fit u-cut HC | | |
|------------------------|-------------|----------------------|
| Art. no. | 6170703 | 6170704 |
| Standard | EN 352 | EN 352 |
| | | S, W, E ₂ |
| SNR | 20 dB | 26 dB |
| Colour | transparent | transparent |

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



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

| uvex high-fit u-cut FC 26 (yellow filter element) | | | | | | | | |
|---|------|------|------|------|------|--|------|------|
| SNR 26 dB – H 28 dB M 23 dB L 21 dB | | | | | | Classification: S, W, --, E ₂ | | |
| f / Hz | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| Attenuation / dB | 23.9 | 25.1 | 24.6 | 25.4 | 25.9 | 32.7 | 36.1 | 32.3 |
| SD / dB | 6.7 | 5.1 | 4.3 | 4.8 | 4.5 | 3.8 | 4.4 | 3.9 |
| APV / dB | 17.2 | 20.0 | 20.3 | 20.6 | 21.4 | 28.9 | 31.7 | 28.4 |

uvex high-fit
Industrial otoplastics



6170023
6170026
6170028

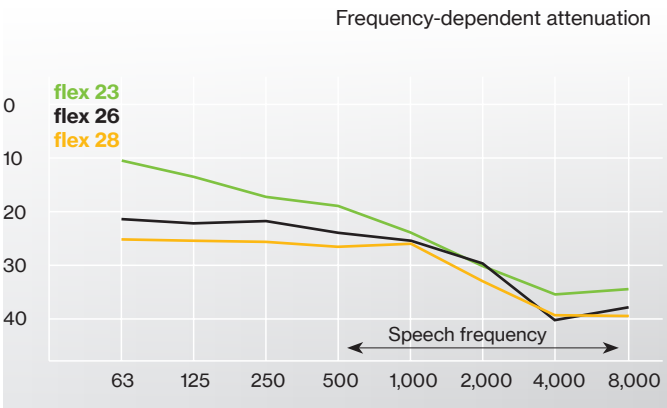
uvex high-fit flex · uvex high-fit flex detec

- otoplastic hearing protection individually adjusted to the ear canal
- best possible protection due to the perfect fit and a high level of wearer acceptance
- available in different filter strengths
- high level of wearer comfort with soft silicone material
- easy handling with comfortable grip
- antibacterial nano-coating
- detectable variants with a metal ball bearing and a detectable blue cord to ensure they can be found by metal detectors.

| | | | |
|--------------------|-------------|----------------------|----------------------|
| uvex high-fit flex | | | |
| Art. no. | 6170023 | 6170026 | 6170028 |
| Standard | EN 352-2 | EN 352-2 | EN 352-2 |
| | | S, W, E ₂ | S, W, E ₁ |
| SNR | 23 dB | 26 dB | 28 dB |
| Colour | transparent | transparent | transparent |

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

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



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

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

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

uvex high-fit

Industrial otoplastics



6170223
6170227
6170228
6170231

uvex high-fit flex LS

- otoplastic hearing protection individually adjusted to the ear canal with laser-produced stainless steel filter
- best possible protection due to the perfect fit and high a level of wearer acceptance
- available in different filter strengths
- high level of wearer comfort with soft silicone material
- easy handling with comfortable grip
- antibacterial nano-coating

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

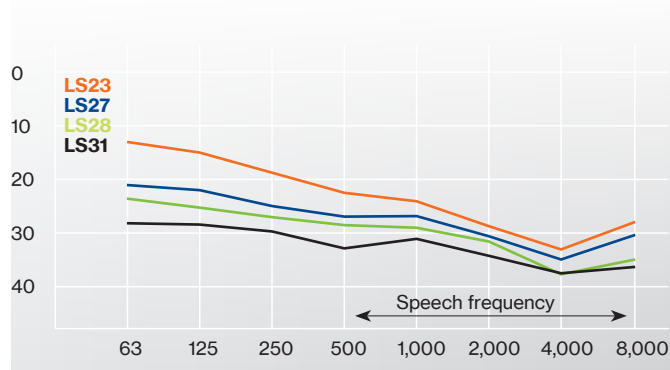
| uvex high-fit flex LS 23 (stainless steel filter) | | | | | | | | | |
|---|---------|---------|----------------------------------|------|------|------|------|------|--|
| SNR 23 dB – H 25 dB | M 21 dB | L 16 dB | Classification: ---, W, ---, --- | | | | | | |
| f / Hz | 63 | 125 | 250 | 500 | 1000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

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

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

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

Frequency-dependent attenuation



uvex high-fit
Industrial otoplastics



6170524
6170528

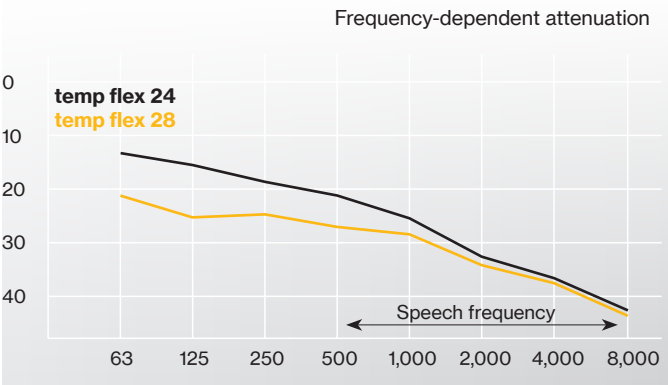
uvex high-fit temp flex

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

Areas of application:
• ideally suitable for the paint-processing industry

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

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



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

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

uvex high-fit
Industrial otoplastics



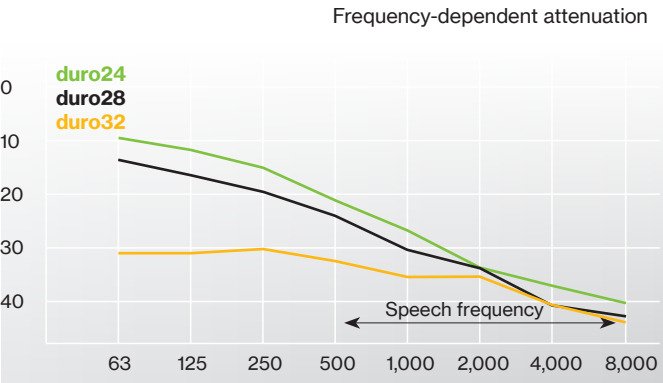
uvex high-fit duro · uvex high-fit duro detec

- otoplastic hearing protection individually adjusted to the ear canal made from dimensionally stable duroplast material
- fully silicone-free
- detectable variants with a metal ball bearing and a detectable blue cord to ensure they can be identified by metal detectors.
- best possible protection with perfect fit and high level of wearer acceptance
- available in different filter strengths
- smooth, even surface
- easy handling with comfortable grip
- antibacterial nano-coating

- Areas of application:
- ideally suitable for the paint-processing industry and for areas with very fine dust
 - uvex high-fit flex detec ideally suited for sectors in the food industry

| uvex high-fit duro | | | |
|--------------------|-------------|-------------|-------------------------|
| Art. no. | 6170824 | 6170828 | 6170832 |
| Standard | EN 352-2 | EN 352-2 | EN 352-2 |
| | | | S, W, V, E _i |
| SNR | 24 dB | 28 dB | 32 dB |
| Colour | transparent | transparent | transparent |

| uvex high-fit duro detec | | | |
|--------------------------|-------------|-------------|-------------------------|
| Art. no. | 6170424 | 6170418 | 6170432 |
| Standard | EN 352-2 | EN 352-2 | EN 352-2 |
| | | | S, W, V, E _i |
| SNR | 24 dB | 28 dB | 32 dB |
| Colour | transparent | transparent | transparent |
| Special feature | detectable | detectable | detectable |

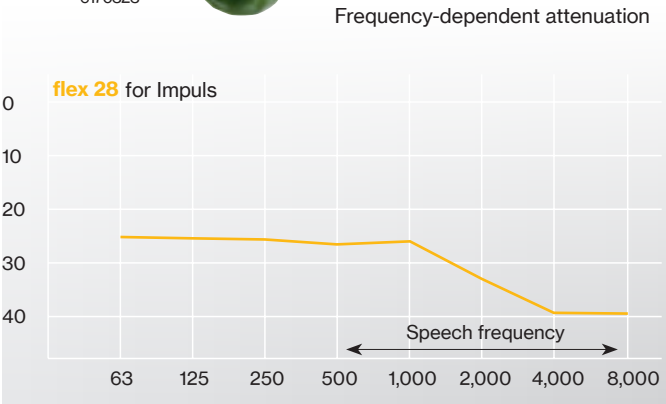
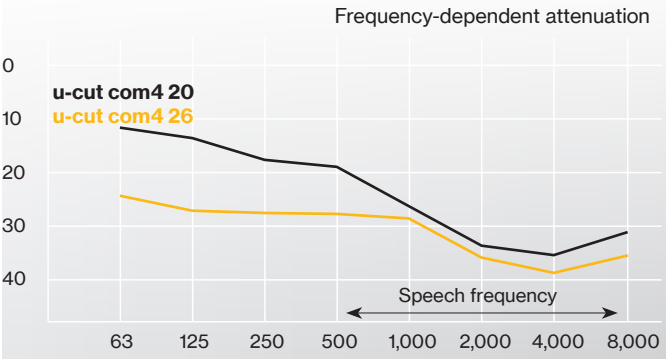


| uvex high-fit duro 24 (green filter element) | | | | | | | | | |
|--|-----|------|------|------|------|------|------|------|--|
| SNR 24 dB – H 30 dB M 21 dB L 15 dB | | | | | | | | | |
| f / Hz | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | |
| Attenuation / dB | 9.7 | 11.7 | 15.1 | 20.9 | 26.9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

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

| uvex high-fit duro 32 (yellow filter element) | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|--|
| SNR 32 dB – H 33 dB M 29 dB L 27 dB | | | | | | | | | |
| Classification: S, W, V, E _i | | | | | | | | | |
| f / Hz | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | |
| Attenuation / dB | 31.0 | 31.0 | 30.2 | 32.3 | 35.3 | 35.2 | 40.5 | 43.4 | |
| SD / dB | 5.6 | 6.6 | 4.9 | 6.1 | 6.9 | 3.5 | 3.1 | 5.3 | |
| APV / dB | 25.4 | 24.4 | 25.3 | 26.2 | 28.4 | 31.7 | 37.4 | 38.1 | |

uvex high-fit
Special model



uvex high-fit u-cut com4

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

Areas of application:

- sleeping, flying, shared office spaces, phone calls, concerts, work areas without designated noise areas

Please note that our u-cut com4 model with an SNR of 15 dB is not suitable or certified for use in designated noise areas.

| uvex high-fit u-cut com4 | | | |
|--------------------------|-------------|-------------|-------------|
| Art. no. | 6170315 | 6170320 | 6170326 |
| Standard | EN 352 | EN 352 | EN 352 |
| SNR | 15 dB | 20 dB | 26 dB |
| Colour | transparent | transparent | transparent |

| uvex high-fit u-cut com4 20 (black filter element) | | | | | | | | |
|--|---------|---------|------|------|------|------|------|------|
| SNR 20 dB – H 25 dB | M 17 dB | L 12 dB | | | | | | |
| f / Hz | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| Attenuation / dB | 8,8 | 10,1 | 13,1 | 16,3 | 23,0 | 29,7 | 32,5 | 28,9 |
| SD / dB | 4,3 | 3,7 | 2,6 | 4,5 | 3,9 | 3,1 | 4,3 | 4,9 |
| APV / dB | 4,5 | 6,4 | 10,5 | 11,8 | 19,1 | 26,6 | 28,2 | 24,0 |

| uvex high-fit u-cut com4 26 (yellow filter element) | | | | | | | | |
|---|---------|---------|------|------|------|------|--|------|
| SNR 26 dB – H 28 dB | M 23 dB | L 21 dB | | | | | | |
| | | | | | | | Classification: S, W, --, E ₂ | |
| f / Hz | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| Attenuation / dB | 23,9 | 25,1 | 24,6 | 25,4 | 25,9 | 32,7 | 36,1 | 32,3 |
| SD / dB | 6,7 | 5,1 | 4,3 | 4,8 | 4,5 | 3,8 | 4,4 | 3,9 |
| APV / dB | 17,2 | 20,0 | 20,3 | 20,6 | 21,4 | 28,9 | 31,7 | 28,4 |

uvex high-fit flex for impulse

- otoplastic hearing protection individually adjusted to the ear canal
- suitable for pulse peaks up to 172 decibels
- best possible protection with perfect fit and high level of wearer acceptance
- high level of wearer comfort due to the soft silicone material
- easy handling with comfortable grip
- antibacterial nano-coating

| uvex high-fit flex for impulse | | | |
|--------------------------------|----------|--|--|
| Art. no. | 6170323 | | |
| Standard | EN 352-2 | | |
| | S, W | | |
| SNR | 28 dB | | |
| Colour | green | | |

| uvex high-fit flex 28 for impulse noise (yellow filter element) | | | | | | | | |
|---|---------|---------|------|------|------|------|--------------------------------|------|
| SNR 28 dB – H 29 dB | M 24 dB | L 22 dB | | | | | | |
| | | | | | | | Classification: S, W, ---, --- | |
| f / Hz | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| Attenuation / dB | 25,2 | 25,4 | 25,7 | 26,6 | 26,0 | 33,0 | 39,3 | 39,4 |
| SD / dB | 5,2 | 4,4 | 4,7 | 4,2 | 3,5 | 3,4 | 2,9 | 5,5 |
| APV / dB | 20,2 | 21,0 | 21,0 | 22,4 | 22,5 | 29,6 | 36,4 | 33,9 |

► As a rule, we recommend the guidelines of the German Bundeswehr (military) for sports marksmen (from small bore), hunters and shoot supervisors:

otoplastics for very loud impulse noise must be type examination approved SNR value must be at least 26 dB on delivery, checks must be carried out prior to use otoplastics for very loud impulse noise should always be used in combination with appropriate earmuffs. In these circumstances, the earmuffs can be removed to enable communication, as the otoplastics will continue to protect against noises

uvex high-fit
Accessories



6177112

uvex high-fit band

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

Areas of application:
• ideal for activities with frequent and/or fast head movements

| | |
|------------|---------|
| Band | |
| Art. no. | 6177112 |
| Order unit | PC |



6177116

uvex clear otoplastics

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

| | |
|------------------------|---------------------|
| uvex clear otoplastics | |
| Art. no. | 6177116 |
| Order unit | PC |
| Contents | 30 towlettes per PC |



6177115

uvex click case

- small click case for otoplastics

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

uvex high-fit
Special features



Colours

uvex high-fit flex, uvex high-fit flex LS, uvex high-fit temp flex and uvex high-fit duro otoplastics are made of transparent materials. They are marked left and right with an engraving for ease of fitting and also come with different coloured cord holders.

For an additional fee, we can produce uvex high-fit flex in green, white, yellow, orange or unobtrusive beige.

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

Included

uvex high-fit otoplastics are supplied in a zipped case, including textile cord, cleaning rod, cleaning cloths and user information.

Silicone otoplastics are delivered with a tube of audinell gel.

uvex high-fit replacement kits

Standard replacement kit for:

- uvex high-fit flex
- uvex high-fit temp flex
- uvex high-fit duro

| | |
|--------------------------|--|
| Standard replacement kit | |
| Art. no. | 6177110 |
| Design | consists of an elastic cord 800 mm (anthracite) and a pair of connector sleeves (red/blue) |
| Order quantity multiples | 10 PC |

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

Standard replacement kit for:

- uvex high-fit flex com

| | |
|--------------------------|---|
| Standard replacement kit | |
| Art. no. | 6177210 |
| Design | consists of an elastic cord 800 mm (anthracite) and a pair of connector sleeves (red/blue), sealing plugs (red/blue) and disposable plugs |
| Order quantity multiples | 10 PC |

Detectable replacement kit for:

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

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

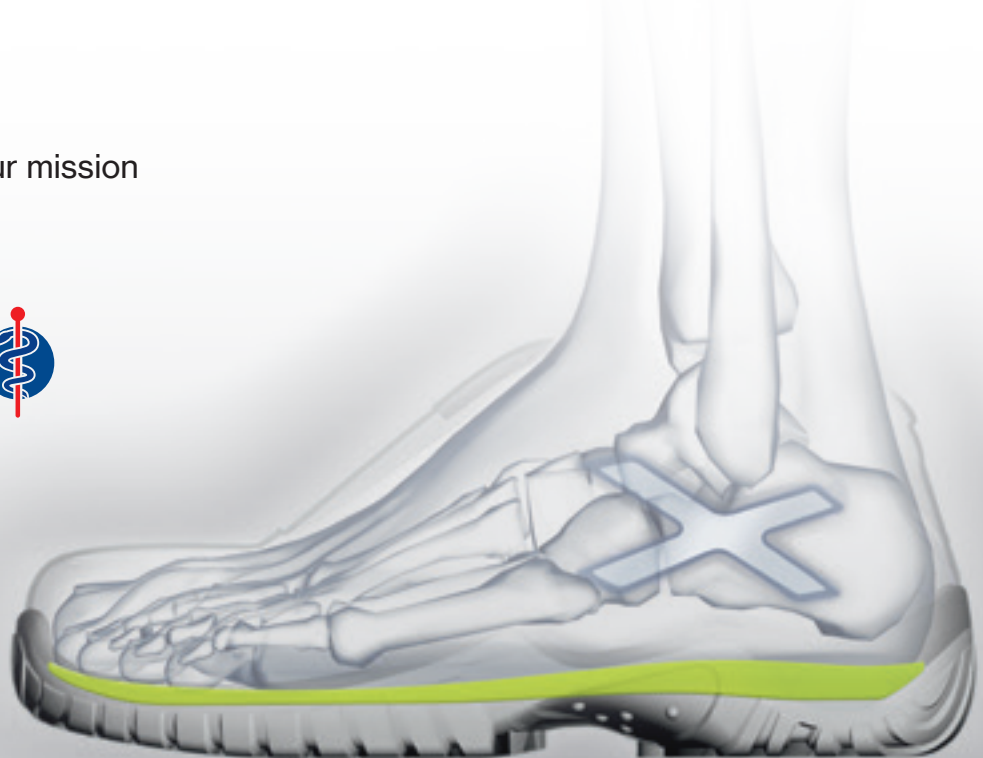
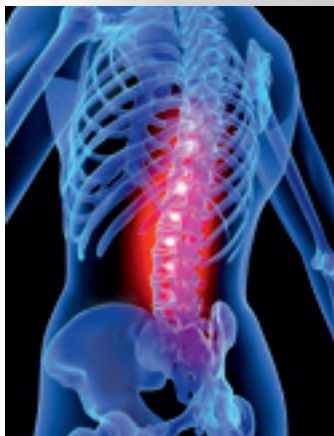
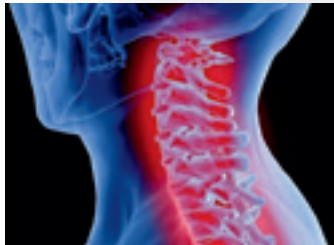
Detectable replacement kit for:

- uvex high-fit flex com detec

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



uvex medicare



Orthopaedic problems – a widespread phenomenon

As a systems provider and expert manufacturer, uvex is consistently pursuing its protecting people mission in the area of orthopaedics and expanding its spectrum of customised inserts and adjustments for uvex safety footwear.

The customised solutions provided by uvex medicare solve foot-related medical problems in the workplace and offer individual, expertly-designed orthopaedic solutions in uvex safety footwear. This is also accompanied by a comprehensive range of services and support.

Scientific studies prove time and again that well over half the adult population suffer from orthopaedic problems such as fallen arches, knock knees, splay foot or flat feet. These conditions have an undisputed effect on the entire musculoskeletal system and physical performance. However, individuals can significantly benefit from professional customised footwear and insert solutions providing protection for every single employee. Individual. Tailor-made. Safe.

Type examination is a prerequisite – German Social Accident Insurance (DGUV) regulation 112-191 (formerly BGR 191*)

Within the framework of the revised German Social Accident Insurance (DGUV) regulation 112-191 (formerly BGR 191), new, clear guidelines were defined for the use of orthopaedic insoles in safety footwear and individual adjustment of safety footwear. The previous practice of employees providing their own inserts is no longer permissible.

Employers are no longer able to opt out of their duty of care in respect of orthopaedic health and safety.

Significant elements of German Social Accident Insurance (DGUV) regulation 112-191 include a requirement that only fully certified orthopaedic solutions are allowed. This means that no changes made to safety footwear or insoles

may impair the safety characteristics of the footwear and that the entire system must be individually tested. uvex guarantees that its systems are individually tested. Certification gives you the peace of mind that we have used only tested and certified materials and components.



Partnership with uvex Summary of benefits

- tailor-made orthopaedic solutions for individual employees
- developed by specialist orthopaedic footwear manufacturers
- uvex orthopaedic products can provide legal peace of mind
- whether it's customised inserts or shoe adjustments, all uvex orthopaedic solutions offered in combination with uvex safety footwear are certified by accredited testing bodies
- a wide range of uvex safety footwear has been approved for use with uvex medicare orthopaedic solutions, you can create a uniform look throughout your company by introducing a single footwear model
- local adjustment service provided either by a uvex representative or a representative from one of our approved uvex medicare partners
- tailor-made correction service free of charge
- delivery of on-site health awareness workshops for employees
- products supplied with individual documentation detailing all adaptations and in accordance with legal requirements

A strong network Wherever you are

With individually tailored product solutions, it is important to offer customers an expert local adjustment service, capable of being available, on-site as quickly as possible. We work with efficient orthopaedic specialists nationwide to ensure that you will always get the service you need.

The network of approved uvex medicare partners offers not only an expert orthopaedic diagnosis and a range of corrective measures, but can also provide employers with peace of mind, knowing that any product solution they use will conform to the applicable standards and legal requirements.

Our uvex medicare partners will be happy to visit your company by appointment in order to work with you to select and implement the most appropriate safety measures for your employees. Speak to your personal uvex representative about alternative solutions for your company.

The declarations of conformity for uvex medicare certified safety shoes can be found at:

www.uvex-safety.com/en/ce-medicare

uvex medicare

A new dimension in foot protection – uvex motion 3XL

More than just a standard solution

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

uvex motion 3XL: more than just safety footwear

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

Optimum safety at work with every step

uvex motion 3XL safety footwear fulfils requirements of S3 shoes in accordance with norm EN ISO 20345:2011.

- Antistatic properties (ESD)
- Oil and fuel-resistant sole
- Energy absorption in heel area
- Water-resistant upper
- Reliable penetration resistance
- Slip resistance (SRC)



64963



uvex motion 3XL offered as full orthopaedic package:

- 1 S3 safety shoe**
- 2 Orthopaedic uvex 3D hydroflex® foam insole with EVA core**
- 3 Padding and construction materials made from soft, conductive EVA**
- 4 Construction elements for individual shoe adjustment**



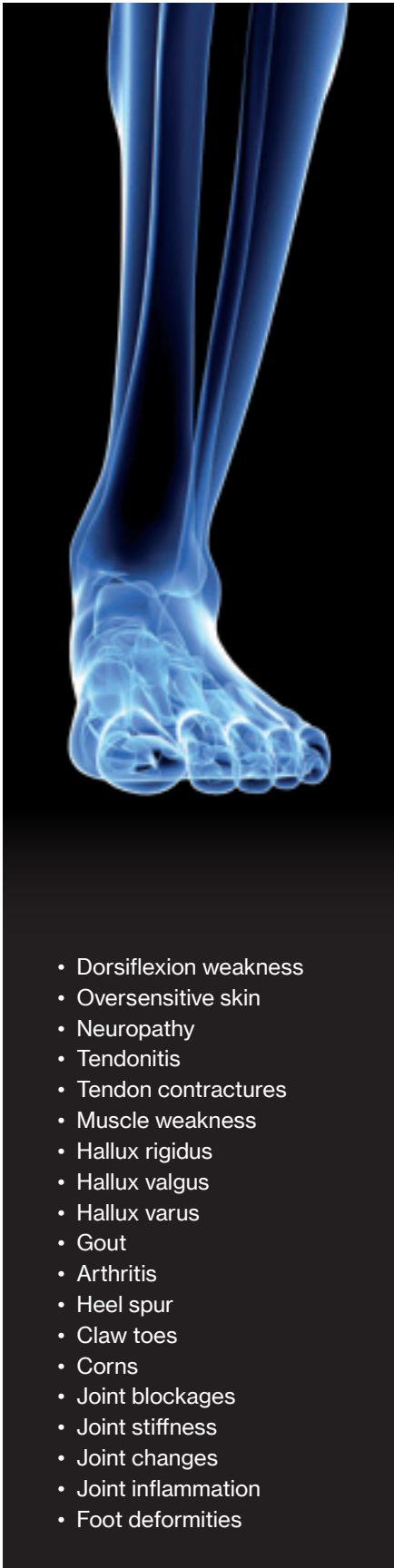
uvex motion 3XL – a true “space miracle” with unprecedented width

- cost-efficient and practical industrial health and safety solution
- effective reduction of health-related absences
- increased employee wellbeing
- fashionable, sporty design increases wearer acceptance
- a comfortable fit increases wearer acceptance

Use of the uvex motion 3XL in combination with orthopaedic/medical treatment, prophylactic or medical diagnosis (e.g. prevention of diabetes-related subsequent foot problems) must be evaluated and approved by an orthopaedic specialist.

The construction material allows orthopaedic specialists to manufacture customised inserts and shoe adjustments which are valid in accordance with certification and CE markings, e.g. heel spur relief, pronation and supination pads, heel pads, measures required for diabetic foot risk classification types 2-3 and post-operatively.

uvex medicare
uvex motion 3XL



- Dorsiflexion weakness
- Oversensitive skin
- Neuropathy
- Tendonitis
- Tendon contractures
- Muscle weakness
- Hallux rigidus
- Hallux valgus
- Hallux varus
- Gout
- Arthritis
- Heel spur
- Claw toes
- Corns
- Joint blockages
- Joint stiffness
- Joint changes
- Joint inflammation
- Foot deformities



64963



uvex motion 3XL · Shoe S3 SRC

General features:

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

Protection characteristics:

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

Comfort features:

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

Areas of application:

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

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

uvex medicare

uvex motion 3XL safety footwear – functionality in every detail



uvex medi-cap
normal cap
Size comparison

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

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



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

Increased space
Additional space for movement to reduce pressure points.



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



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

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

uvex motion 3XL

A true “space miracle”

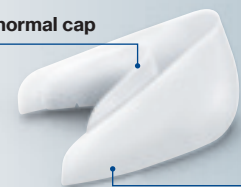
Minimal seams

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

Extended heel cap

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

normal cap



uvex motion 3XL heel cap

Padded shoe shaft

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

Maximum comfort

Triple-layer lining with ultra-soft padding.

Complete orthopaedic package

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

Where the uvex motion 3XL can help



Diabetes

Oversensitive, dry skin, a tendency for corns, hammer toes and claw toes, through to open wounds with associated neuropathy, which can lead to amputations: People with diabetic foot syndrome are advised to wear optimal footwear. Rule of thumb: The fewer pressure points that the shoe causes on the foot (while still providing the required stability), the more comfortable they are to wear, which reduces and alleviates any existing symptoms.



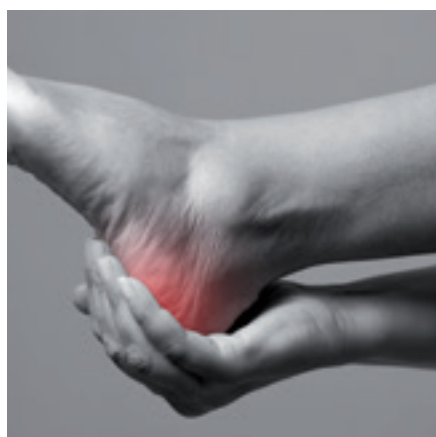
Foot misalignment or deformations

Whether natural characteristics such as extremely wide or "fleshy" feet, or deformities of the foot that are either congenital or have developed over time due to misalignments or joint changes (e.g. hallux valgus, hallux varus, hallux rigidus): If they are not cushioned by correctly fitted footwear to reduce possible pressure points, they tend to get worse.



Ankle inflammation and osteoarthritis

Disorders in the foot can be caused by ankle inflammation, such as symptoms of tendonitis or diseases such as gout or arthritis. Osteoarthritis of the tarsal or ankle joint also cause chronic pain. Relief can be provided by shoes that guarantee stability with maximum mobility.



Joint blockages, tendon contractures, heel spur

Orthopaedic problems such as joint blockages (in the ankle joint or tarsal bone) and tendon contractures or bone formations such as heel spurs: if they are already sufficiently pronounced, they not only cause chronic pain, but they increasingly restrict a person's ability to move.

Post-operative problems, the effects of operations or accidents at work or while playing sport can often drag on for months or years. The feet are often affected: either directly or indirectly as a result of immobility of the legs in particular. The right footwear ensures that those affected will be able to move again quickly and without pain.



Lower leg problems

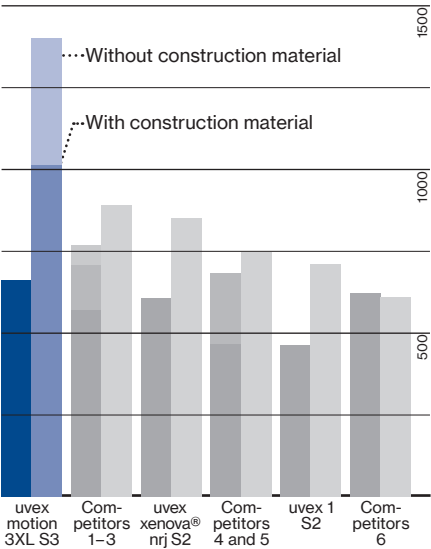
Symptoms of paralysis, dorsiflexion weakness, stiff joints or muscle weakness in the lower leg require orthopaedic boots. Stabilising the ankles can prevent those affected from twisting or stumbling, and so avoid further injury.

uvex medicare
uvex motion 3XL sets new standards

66 %
more volume

With an internal volume of up to 1,400 cm³, the uvex motion 3XL shoe has space to fit orthopaedic insoles or footbeds adapted for diabetes or even bandages.

Best comparative values
The internal volume of uvex motion 3XL shoe is significantly increased, while the generous width allows for greater wearer comfort. This model is still lighter than many other safety shoes with greater width for deformed feet, splints, inner shell and foot bandages.

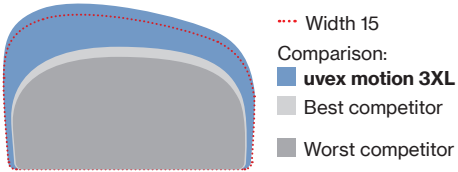


Top of the range in every respect

The uvex motion 3XL with its anatomic design and functionality is one of the best safety shoes in its class, guaranteeing reliable protection and high wearer comfort in every situation.



20 %
more width



When compared with standard safety shoes, the uvex motion 3XL **width is considerably above 15**, and therefore provides ample room for orthopaedic remedies.

| Shoe, size 42 | Volume (cm³) | Difference | Width, according to catalogue (mm)* | Difference | Weight (g)* | Difference |
|---|--------------|------------|-------------------------------------|------------|-------------|------------|
| uvex motion 3XL S3 with/without construction material | 1010/1400 | | Each >15/287 | | 660/592 | |
| Competitor 1 | 890 | +13% | 14/262 | +10% | 569 | +16% |
| Competitor 2 | 890 | +13% | 12/239 | +20% | 706 | -7% |
| Competitor 3 | 885 | +14% | 12 (up to XXW)/259 | +11% | 766 | -14% |
| uvex xenova® nrj S2 | 850 | +19% | 12/253 | +13% | 606 | +9% |
| Competitor 4 | 750 | +35% | 14/257 | +12% | 464 | +42% |
| Competitor 5 | 720 | +40% | One width/251 | +14% | 681 | -3% |
| uvex 1 S2 | 710 | +42% | 12/244 | +18% | 461 | +43% |
| Competitor 6 | 610 | +66% | No information/245 | +17% | 622 | +6% |

* in accordance with PFI certification

uvex medicare

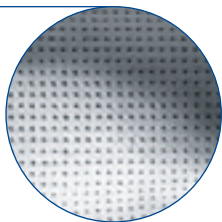
Comfortable customised inserts – Insert technology for tailor-made treatment

EVA soft-foam technology



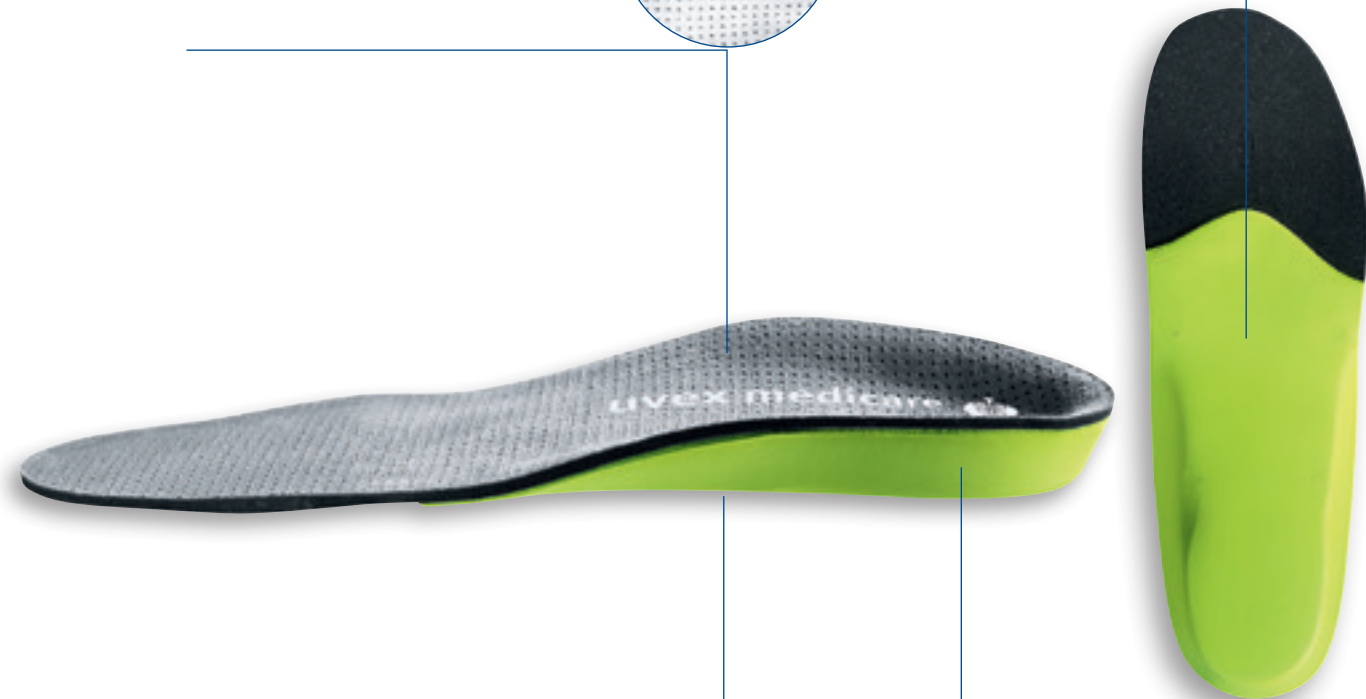
uvex 3D hydroflex® foam

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



ORTHOPAEDIC ADJUSTMENT

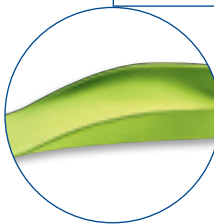
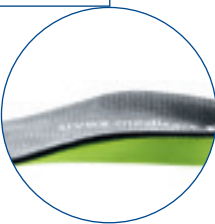
- modular concept
- adapts to assist natural movement



VARIOUS MEDICAL CONCEPTS

Applicable – depending on classification:

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



SUPPORTING CORE

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

Orthopaedic uvex comfort custom insole
Art. no. 6499902



All products suitable for orthopaedic foot protection are indicated in this catalogue with the uvex medicare symbol.

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

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

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

Orthopaedic shoe adjustments



6499911

Shoe lift
A shoe lift is required to balance legs of different length.
A shoe lift should never exceed 3 cm.

| | |
|------------------------------|---|
| Orthopaedic shoe adjustments | |
| Art. no. | 6499911 |
| Design | orthopaedic shoe lift up to 1 cm per side |
| Art. no. | 6499912 |
| Design | shoe lift per additional cm (up to max. 3 cm) per side |



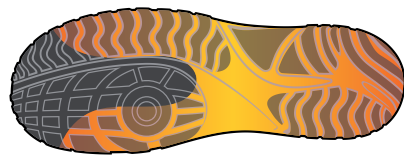
6499913

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

| | |
|----------|------------------|
| Art. no. | 6499913 |
| Design | rocker sole |
| Art. no. | 6499914 |
| Design | butterfly roller |

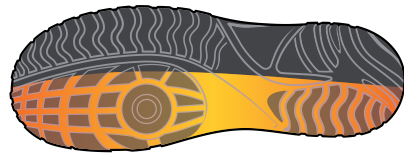
| | |
|----------|--------------------------------|
| Art. no. | 6499915 |
| Design | external or internal edge lift |

| | |
|----------|---|
| Art. no. | 6499907 |
| Design | sole stiffener (only as addition in connection with a shoe adjustment initial position) |



6499914

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



6499915

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

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

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

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



uvex

CORRECTED. PROTECTED. PERFORM!

uvex sportstyle RX –
prescription sports eyewear

uvex-sports.com/rx

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protecting people