Prescription safety eyewear

protecting people
The virtual companion for prescription safety spectacles

uvex i-3 add safety spectacles with invisible integrated dioptre correction  Page 3
uvex online ordering system  Page 4-5
Frequently Asked Questions - FAQ’s  Page 6
uvex RX cd collection  Page 8-9
uvex cb collection  Page 10
uvex basic collection plastic prescription safety frames  Page 11
uvex basic collection metal prescription safety frames  Page 11-14
uvex RX sp  Page 15
uvex RX sp sport collection prescription safety frames  Page 16-17
uvex prescription safety goggles  Page 18
Lens types, materials and tints  Page 19
Certification and labelling  Page 20
uvex prescription office/VDU spectacles  Page 22-25
uvex prescription self-contained breathing apparatus (SCBA) eyewear  Page 26
Multiple form request  Page 27

Why uvex?

• 30 years of UK industry service excellence and short lead-times
• Product is manufactured in the UK
• Committed to providing quality products and services
• Customer friendly process
• Internal and external prescription experts - our sales team have a combined 270 years’ experience
• Supported by Essilor, one of the world’s leading lens manufacturers
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 high levels of 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 correction of near vision. (+1.0 dpt. and +2.0 dpt.)

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.

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 middle region and the strength increases gradually towards the lower edge of the lens. 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.

uvel i-3 add
Delivering perfect vision

uvex i-3 add 1.0
uvex i-3 add 2.0
Art. no. 6108.210 6108.211
Frame anthracite, lime anthracite, lime
Lens W 166 FT CE W 166 FT CE
UV 400 UV 400
2C-1.2 W 1 FTKN CE 2C-1.2 W 1 FTKN CE
Strength 1.0 dpt. 2.0 dpt.

Including softspectacles case with microfibre cloth
uvex’s online ordering system allows customers to order prescription eyewear quickly and easily. The automated system enables approved personnel (Authorising Officers) to:

- Generate a form quickly: for print or to be emailed to an employee
- Create and track the status of new prescription orders as they move through the manufacturing process: from when the Authorising Officer generates the form through to the order being despatched to the optician and finally invoiced
- Review historical orders and run user reports

For more information about the uvex prescription online ordering process, please visit www.uvex-safety.co.uk/prescription. To speak to a member of our prescription team call 01252 725552 or email help-prescription@uvex.co.uk.
The Optician’s Portal is a great advantage to the flow and speed of the order process and will give employees a better experience when they visit the optician.

If an employee chooses a frame or a lens type which is not on your pre-approved list for selection, the optician can advise the employee straightaway. The employee will then have a choice to either choose something from the pre-approved list or to continue with the order. If they choose the latter, uvex will seek approval as necessary. Orders will be placed on hold until approval is granted.

Once registered your Optician will be able to:

1. See the approved frames for your employees
2. Review and complete all fields to ensure timely processing
3. Submit the order which will go straight into production. Delays will only occur if there is a query with the order e.g. obtaining approval for non-standard items or obtaining purchase order numbers
4. Check the status of the order at any point once in production and advise the employee accordingly

Another advantage of the optician’s portal is that uvex will be able to pay the optician for the dispensing and sight test fees by BACS payment, saving administration time and providing increase traceability.
How do I get my spectacles? Which optician do I go to? How do I choose a frame?

Go to your Authorising Officer/Line Manager who will generate an online order or pre-printed form and sign it. Then take this form to your chosen optician who will carry out an eye test and order your spectacles.

Your company may have chosen a designated optician to which you must go, this may well be printed on the form under “optician name”. Your authorising officer will know and inform you if this is the case. If a designated optician has not been specified, then you can visit any optician of your choice. However, frames may not be available to try on.

Your company may have specified certain frames that they will allow you to wear. These will be on the form under “approved frames”. If this is not the case, the complete range can be seen in this brochure from which your choice can be made. If a designated optician has been chosen, then sample frames will be available to try on.

What happens if the frame isn’t at the opticians to try on?

Your optician can call uvex to order a sample frame. When this arrives, your optician will inform you that it has done so and will arrange a further appointment for you to try on the frame.

If you have your current eye prescription details you can take these to the optician along with the uvex form and the optician will complete the form with your details and order the spectacles as normal.

Provided your company pays for your eye test, uvex can arrange to pay the optician on your behalf and then invoice your company. This way, no money changes hands at the optician.

What if I have recently had an eye test?

The form is quite straightforward and has all the required information on it. Generally there are no issues. However, if there are any queries, a phone call to our prescription department on 01252 725552, should solve any problems.

Do I have pay for my eye test and claim it back from my company?

Forms are generated online or uvex can provide them free of charge with relevant information preprinted to ease the process. The Authorising Officer should complete the inside back cover of this brochure, scan and email or fax it back to uvex and we will do the rest. The more information your company can provide, the smoother the process will work.

From the date of entering your details on to our computer we average between 7 and 10 working days before the spectacles are completed.

How can my company set up a designated optician?

Often the company Safety Officer or Occupational Health Nurse will make arrangements with a local optician. Alternatively a uvex representative can arrange this for you.
Prescription safety frames
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
- Prescription strength of up to a combined maximum +/- 8.00

<table>
<thead>
<tr>
<th>uvex RX cd 5514</th>
<th>Art. no.</th>
<th>Ref. no.</th>
<th>Frame eye size</th>
<th>Bridge width</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6109.225*</td>
<td>5514 1033 53/18</td>
<td>53 mm</td>
<td>18 mm</td>
<td>anthracite</td>
</tr>
<tr>
<td></td>
<td>6109.226*</td>
<td>5514 1045 55/18</td>
<td>55 mm</td>
<td>18 mm</td>
<td>anthracite</td>
</tr>
<tr>
<td></td>
<td>6109.227</td>
<td>5514 1034 53/18</td>
<td>53 mm</td>
<td>18 mm</td>
<td>anthracite</td>
</tr>
<tr>
<td></td>
<td>6109.228</td>
<td>5514 1046 55/18</td>
<td>55 mm</td>
<td>18 mm</td>
<td>anthracite</td>
</tr>
</tbody>
</table>

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
- Prescription strength of up to a combined maximum +/- 8.00

<table>
<thead>
<tr>
<th>uvex RX cd 5515</th>
<th>Art. no.</th>
<th>Ref. no.</th>
<th>Frame eye size</th>
<th>Bridge width</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6109.227</td>
<td>5515 1347 51/17</td>
<td>51 mm</td>
<td>17 mm</td>
<td>anthracite, coral</td>
</tr>
<tr>
<td></td>
<td>6109.228*</td>
<td>5515 1371 53/17</td>
<td>53 mm</td>
<td>17 mm</td>
<td>anthracite, petrol</td>
</tr>
<tr>
<td></td>
<td>6109.229*</td>
<td>5515 1342 57/17</td>
<td>57 mm</td>
<td>17 mm</td>
<td>anthracite, dark red</td>
</tr>
</tbody>
</table>

* Please refer to page 10
uvex RX cd 5505

- Close-fitting wraparound plastic frame
- Side shields and integrated brow guard for an exceptionally close fit
- Specially shaped frame provides protection against particles from below
- Good fit thanks to anatomically shaped nose bridge
- Prescription strength of up to a combined maximum +/- 8.00

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
- Prescription strength of up to a combined maximum +/- 8.00

uvex RX cd 5505

- Close-fitting wraparound plastic frame
- Side shields and integrated brow guard for an exceptionally close fit
- Specially shaped frame provides protection against particles from below
- Good fit thanks to anatomically shaped nose bridge
- Individually adjustable side arm length and angle for a customised fit and adjustable soft-form comfort ear pieces
- Comes with foam seal for use when working with dust, chips or fluids. Complies with EN 166 "Protection against liquid droplets and splashes" (category "3")
- Prescription strength of up to a combined maximum +/- 8.00
Prescription Safety Spectacles
uvex RX cb

*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.

**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

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>6109.232</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ref. no.</td>
<td>5580 3015 57/14</td>
</tr>
<tr>
<td>Frame eye size</td>
<td>57</td>
</tr>
<tr>
<td>Bridge width</td>
<td>14</td>
</tr>
<tr>
<td>Colour</td>
<td>blue/grey</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>6109.233</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ref. no.</td>
<td>5581 1542 58/14</td>
</tr>
<tr>
<td>Frame eye size</td>
<td>58</td>
</tr>
<tr>
<td>Bridge width</td>
<td>14</td>
</tr>
<tr>
<td>Colour</td>
<td>grey/red</td>
</tr>
</tbody>
</table>
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
- Prescription strength of up to a combined maximum +/- 8.00

<table>
<thead>
<tr>
<th>uvex RX 5502</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. no.</td>
<td>6108.215</td>
</tr>
<tr>
<td>Ref. no.</td>
<td>5502 1725 56/15</td>
</tr>
<tr>
<td>Frame eye size</td>
<td>56 mm</td>
</tr>
<tr>
<td>Bridge width</td>
<td>15 mm</td>
</tr>
<tr>
<td>Colour</td>
<td>grey</td>
</tr>
</tbody>
</table>

Previous: uvex 9134 meteor

uvex RX 5506
- Comfortable plastic frame
- Side shields and integrated brow guard frame design
- Good fit with anatomically shaped nose bridge
- Prescription strength of up to a combined maximum +/- 8.00

<table>
<thead>
<tr>
<th>uvex RX 5506</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. no.</td>
<td>6109.210</td>
</tr>
<tr>
<td>Ref. no.</td>
<td>5506 1725 56/18</td>
</tr>
<tr>
<td>Frame eye size</td>
<td>56 mm</td>
</tr>
<tr>
<td>Bridge width</td>
<td>18 mm</td>
</tr>
<tr>
<td>Colour</td>
<td>light grey, translucent</td>
</tr>
</tbody>
</table>

uvex 9158
- The senator is a very popular classic style safety prescription spectacle
- Features a strap nose bridge helping to alleviate pressure
- Available in various sizes for better protection and comfort
- Prescription strength up to a combined +/- 8.00

<table>
<thead>
<tr>
<th>uvex 9158</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ref. no.</td>
<td>9158 9158</td>
</tr>
<tr>
<td>Frame eye size</td>
<td>54mm, 52mm, 54mm</td>
</tr>
<tr>
<td>Bridge width</td>
<td>18mm, 18mm</td>
</tr>
<tr>
<td>Colour</td>
<td>gunmetal, gold</td>
</tr>
</tbody>
</table>

Previously: uvex senator
**Prescription Safety Spectacles**

**Basic collection metal frames**

---

**uvex RX 5102**
- Fashionable, aviator-style metal frame
- Transparent side shields
- Anatomically adjustable nose bridge and easily adjustable earpieces deliver exceptional fit
- Prescription strength of up to a combined maximum +/- 8.00

<table>
<thead>
<tr>
<th>uvex RX 5102</th>
<th>Art. no.</th>
<th>6109.101</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ref. no.</td>
<td>5102 1400 53/20</td>
<td></td>
</tr>
<tr>
<td>Frame eye size</td>
<td>53 mm</td>
<td></td>
</tr>
<tr>
<td>Bridge width</td>
<td>20 mm</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>gunmetal, matt</td>
<td></td>
</tr>
</tbody>
</table>

Previously: uvex 9256 pilot

---

**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
- Prescription strength of up to a combined maximum +/- 8.00

<table>
<thead>
<tr>
<th>uvex RX 5104</th>
<th>Art. no.</th>
<th>6109.106</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ref. no.</td>
<td>5104 6054 56/21</td>
<td></td>
</tr>
<tr>
<td>Frame eye size</td>
<td>56 mm</td>
<td></td>
</tr>
<tr>
<td>Bridge width</td>
<td>21 mm</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>gold, havanna</td>
<td></td>
</tr>
</tbody>
</table>

---

**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
- Prescription strength of up to a combined maximum +/- 8.00

<table>
<thead>
<tr>
<th>uvex RX 5101</th>
<th>Art. no.</th>
<th>6109.103</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ref. no.</td>
<td>5101 1018 56/17</td>
<td></td>
</tr>
<tr>
<td>Frame eye size</td>
<td>56 mm</td>
<td></td>
</tr>
<tr>
<td>Bridge width</td>
<td>17 mm</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>black, silver</td>
<td></td>
</tr>
</tbody>
</table>
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
- Prescription strength of up to a combined maximum +/- 8.00

**uvex RX 5106**
- Classic design metal frame
- Transparent side shields
- Anatomically adjustable nose bridge and easily adjustable earpieces deliver exceptional fit
- Prescription strength of up to a combined maximum +/- 8.00

**uvex RX 5107**
- Metal frame with oval-shaped lenses
- Transparent side shield
- Anatomically adjustable nose bridge and easily adjustable earpieces deliver exceptional fit
- Prescription strength of up to a combined maximum +/- 8.00

**uvex RX 5108**
- Slim, expressive metal frame
- Transparent side shields
- Very good fit with anatomically adjustable nose bridge and easily adjustable earpieces
- Prescription strength of up to a combined maximum +/- 8.00

### uvex RX 5105
- Art. no.: 6109.107
- Ref. no.: 5105 1800 50/20
- Frame eye size: 50 mm
- Bridge width: 20 mm
- Colour: silver
- Previously: uvex 9253 silverstar

### uvex RX 5106
- Art. no.: 6109.109
- Ref. no.: 5106 1400 52/20
- Frame eye size: 52 mm
- Bridge width: 20 mm
- Colour: gunmetal, matt
- Previously: uvex 9254 greystar

### uvex RX 5107
- Art. no.: 6109.111
- Ref. no.: 5107 6200 49/20
- Frame eye size: 49 mm
- Bridge width: 20 mm
- Colour: antique gold
- Previously: uvex 9154 starlet

### uvex RX 5108
- Art. no.: 6109.113
- Ref. no.: 5108 3400 56/19
- Frame eye size: 56 mm
- Bridge width: 19 mm
- Colour: steel blue
- Previously: uvex 9155 mercury
**uvex RX sp frames**

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

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

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

---

**uvex anatomic sport lens**

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

**This means:**

- That we only use lenses with a base curve identical to that of the frame.
- That prescription values need to be recalculated based on the tilted position of the lenses. This will be considered for the glazing process.
uvex RX sp 5512

- Sporty, plastic wraparound design with curved lenses and anatomic sport glazing
- Supplied with uvex tight-fit-kit consisting of headband and foam seal
- 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
- Prescription strength of up to a combined maximum +/- 3.50

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

Note:
- Single vision minimum PD = 32 each eye
- Varifocal (Pro Work) minimum PD = 32 each eye minimum height = 20mm
- Varifocal (Optima) minimum PD = 32 each eye minimum height = 20mm
- Surcharge applies for the Optima lens

uvex RX sp 5512

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>6109.220</th>
<th>6109.221</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ref. no.</td>
<td>5512 5573 65/16</td>
<td>5512 1348 65/16</td>
</tr>
<tr>
<td>Frame eye size</td>
<td>65 mm</td>
<td>65 mm</td>
</tr>
<tr>
<td>Bridge width</td>
<td>16 mm</td>
<td>16 mm</td>
</tr>
<tr>
<td>Colour</td>
<td>brown, olive, anthracite, orange</td>
<td></td>
</tr>
</tbody>
</table>

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
- Prescription strength of up to a combined maximum +/- 3.50

Note:
- Single vision minimum PD = 32 each eye
- Varifocal (Pro Work) minimum PD = 32 each eye minimum height = 20mm
- Varifocal (Optima) minimum PD = 32 each eye minimum height = 20mm
- Surcharge applies for the Optima lens

uvex RX sp 5513

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>6109.222</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ref. no.</td>
<td>5513 1577 62/16</td>
</tr>
<tr>
<td>Frame eye size</td>
<td>62 mm</td>
</tr>
<tr>
<td>Bridge width</td>
<td>16 mm</td>
</tr>
<tr>
<td>Colour</td>
<td>grey, light green</td>
</tr>
</tbody>
</table>
Prescription Safety Spectacles

uvex RX sp

**uvex RX sp 5519**
- Plastic frame with sporty wraparound 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
- Prescription strength of up to a combined maximum +/- 6.00

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Ref. no.</th>
<th>Frame eye size</th>
<th>Bridge width</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>6109.223</td>
<td>5519 5573 56/21</td>
<td>56 mm</td>
<td>21 mm</td>
<td>brown, olive</td>
</tr>
<tr>
<td>6109.224</td>
<td>5519 1371 56/21</td>
<td>56 mm</td>
<td>21 mm</td>
<td>anthracite, petrol</td>
</tr>
</tbody>
</table>

Previously: uvex 5509

**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
- Prescription strength of up to a combined maximum +/- 6.00
- For varifocals minimum PD = 32 each eye, minimum height 18mm

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Ref. no.</th>
<th>Frame eye size</th>
<th>Bridge width</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>6109.216</td>
<td>5510 1217 62/17</td>
<td>62 mm</td>
<td>17 mm</td>
<td>matt black, light grey</td>
</tr>
<tr>
<td>6109.217</td>
<td>5510 1248 62/17</td>
<td>62 mm</td>
<td>17 mm</td>
<td>matt black, orange</td>
</tr>
</tbody>
</table>

5519 5573 56/21

5519 1371 56/21

5510 1217 62/17

5510 1248 62/17
uvex Prescription Goggles
uvex goggles with inserts

When a standard prescription safety frame does not give the full protection against impact, chemical and liquid splash or dust particles; or the risk assessment specifies a goggle – uvex has the solution.

• Prescription insert fitted securely behind the goggle lens
• Both products include optimum non-allergenic seals

The uvex skyguard NT RX features fully adjustable side arms offering low energy impact protection and enables the wearer to achieve an individual fit. Whereas, the uvex carbonvision RX goggle provides medium energy impact protection with a wide, adjustable elasticated headband.

• Both products feature uvex’s permanent anti-fog coating on the inside of the lens and a scratch resistant coating on the outside

uvex skyguard NT RX

• The uvex skyguard NT prescription insert comes as a complete unit and offers wear protection against large dust particles and liquid splash
• Combining high-tech hard and soft materials the spectacle creates a soft effective seal around the eyes which is easy to clean
• The side arms can be adjusted for a secure, comfortable fit
• The uvex skyguard NT is a close fitting, wraparound spec for unhindered vision
• Permanent uvex anti-fog lens coating on the inside, scratch resistant on the outside - offers increased safety and prolongs the life of the product
• The seal and prescription insert can easily be replaced

<table>
<thead>
<tr>
<th>uvex skyguard NT RX</th>
<th>uvex carbonvision RX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. no.</td>
<td>Art. no.</td>
</tr>
<tr>
<td>6108.200</td>
<td>6108.201</td>
</tr>
<tr>
<td>Frame eye size</td>
<td>Frame eye size</td>
</tr>
<tr>
<td>47 mm</td>
<td>47 mm</td>
</tr>
<tr>
<td>Bridge width</td>
<td>Bridge width</td>
</tr>
<tr>
<td>22 mm</td>
<td>22 mm</td>
</tr>
<tr>
<td>Colour</td>
<td>Colour</td>
</tr>
<tr>
<td>blue/black</td>
<td>grey/black</td>
</tr>
</tbody>
</table>
Prescription Safety Spectacles
Focus types · Lens materials · Tinting

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

Lens materials

Polycarbonate
Additional labelling: PC
- Organic material with very high impact resistance
- Only limited resistance to chemicals
- 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
- 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

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

Constant tinting
Solid tints are available on polycarbonate and CR39 lenses. Available in two colours and three densities.

Grey
- 82% LTF (light)
- 36% LTF (medium)
- 15% LTF (dark)

Brown
- 82% LTF (light)
- 36% LTF (medium)
- 15% LTF (dark)

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 and grey
- Polycarbonate and CR39 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)

<table>
<thead>
<tr>
<th></th>
<th>Increased robustness</th>
<th>Impact resistance, low energy</th>
<th>Impact resistance, medium energy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ball bearing drop test</td>
<td>Dropping a ball bearing (44 g) against the lens/supporting frame from a height of 1.30 m</td>
<td>Firing a ball bearing (0.88 g) against the lens/supporting frame, Impact speed 45 m/s (162 km/h)</td>
<td>Firing a ball bearing (0.88 g) against the lens/supporting frame, Impact speed 120 m/s (432 km/h)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Manufacturer identification</th>
<th>Optical grade</th>
<th>Mechanical strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>W  =  uvex</td>
<td>1</td>
<td>S = Increased robustness, F = Low-energy impact (45 m/sec.), B = Medium-energy impact (120 m/s)</td>
</tr>
</tbody>
</table>

#### Frames marking

<table>
<thead>
<tr>
<th>Manufacturer identification</th>
<th>Mechanical strength</th>
<th>Applicable EN standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>W  =  uvex</td>
<td>166</td>
<td></td>
</tr>
</tbody>
</table>

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

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.

Computer lenses
Computer lenses give less accommodation for fatigue and greatly relieves eye strain related to computer screen use.

2V: (see opposite for explanations)
- Less head movements,
unrestricted eye movements

3V: (see opposite for explanation)
- Wide intermediate/screen and reading fields
- Small zone at the top of the lens providing limited distance field
- Less head movements required to achieve intermediate and near vision
Computer lenses

Computer lenses are developed for those working in front of a computer monitor or undertaking work that requires frequently alternating between distances of approx. 40 cm and 3 m. The unique design facilitates unimpaired vision in the essential focal zones.

Recommended for
Wearer’s using computers either at work or at home.

Lens characteristics
Design based on the ergonomics of visual computer tasks.

2V
- Extremely wide area of clear vision for intermediate and near vision
- The upper portion of Varilux Computer 2V is 0.55D less positive than the ordered near prescription

3V
- Small semi-distance vision area, wide area for intermediate and near vision
- Lens power degresses fully to distance prescription at the top of the lens

Ordering and dispensing information
- Minimum frame overall depth (B measurement) 30mm
- Always advise patient imperatively that lenses are not suitable for driving

2V:
- Full near prescription and near monocular PDs
- No fitting heights are required. Mounting reference line coincide with frame HCL (datum)

3V:
- Full distance prescription, reading add and distance monocular PDs
- Fit on pupil centre

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.

<table>
<thead>
<tr>
<th>Multi anti-reflective</th>
<th>Maximum reflection reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal oxide is applied several times to each surface</td>
<td>Residual reflection &lt; 2%</td>
</tr>
</tbody>
</table>
VDU Spectacles
Metal frames

<table>
<thead>
<tr>
<th>Art. no.</th>
<th>Ref. no.</th>
<th>Frame eye size</th>
<th>Bridge width</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>uvex 3112</td>
<td>6110.050</td>
<td>54 mm</td>
<td>17 mm</td>
<td>black, blue</td>
</tr>
<tr>
<td>uvex 3107</td>
<td>6110.033</td>
<td>55 mm</td>
<td>17 mm</td>
<td>black</td>
</tr>
<tr>
<td>uvex 3108</td>
<td>6110.034</td>
<td>54 mm</td>
<td>18 mm</td>
<td>gun</td>
</tr>
<tr>
<td>uvex 3116</td>
<td>6110.054</td>
<td>53 mm</td>
<td>17 mm</td>
<td>brown</td>
</tr>
<tr>
<td>uvex 3117</td>
<td>6110.055</td>
<td>48 mm</td>
<td>20 mm</td>
<td>grey, vintage</td>
</tr>
<tr>
<td>uvex 3118</td>
<td>6110.056</td>
<td>55 mm</td>
<td>17 mm</td>
<td>petrol, vintage</td>
</tr>
</tbody>
</table>

VDU = Visual Display Unit
uvex 2104
Art. no. 6110.024
Ref. no. 2104 1900 54/18
Frame eye size 54 mm
Bridge width 18 mm
Colour silver, matt

uvex 3510
Art. no. 6110.046
Ref. no. 3510 1025 52/17
Frame eye size 52 mm
Bridge width 17 mm
Colour black, translucent

Metal Nylor Frame

uvex 2104
Art. no. 6110.024
Ref. no. 2104 1900 54/18
Frame eye size 54 mm
Bridge width 18 mm
Colour silver, matt
uvex Prescription Spectacles
For use with self-contained breathing apparatus (BA)

uvex 9000
- For use with Sabre and Kemira respirator mask
- With short side arms this frame clips into slots moulded into the respirator

<table>
<thead>
<tr>
<th>uvex 9000</th>
<th>Colour</th>
<th>Silver</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame eye size</td>
<td>53 mm</td>
<td></td>
</tr>
<tr>
<td>Bridge width</td>
<td>18 mm</td>
<td></td>
</tr>
</tbody>
</table>

Available with CR39

uvex 9000
- Suitable for all respirators
- Thin metal side arms to fit close to the head to ensure little or no leakage when wearing a full face respirator

<table>
<thead>
<tr>
<th>uvex 9100</th>
<th>Colour</th>
<th>Silver</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame eye size</td>
<td>44 mm</td>
<td></td>
</tr>
<tr>
<td>Bridge width</td>
<td>22 mm</td>
<td></td>
</tr>
</tbody>
</table>

Available with CR39

uvex 9250
- For use with Kemira, Interspiro respirator mask
- Designed to fit inside a fill face respirator which can be easily adjusted

<table>
<thead>
<tr>
<th>uvex 9250</th>
<th>Colour</th>
<th>Silver</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame eye size</td>
<td>50 mm</td>
<td></td>
</tr>
<tr>
<td>Bridge width</td>
<td>20 mm</td>
<td></td>
</tr>
</tbody>
</table>

Available with CR39

uvex 9255
- For use with Draeger Panorama respirator mask
- Fits in to mask with vertical adjustment
- Insert for Draeger Futura also available

<table>
<thead>
<tr>
<th>uvex 9255</th>
<th>Colour</th>
<th>Silver</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame eye size</td>
<td>49 mm</td>
<td></td>
</tr>
<tr>
<td>Bridge width</td>
<td>18 mm</td>
<td></td>
</tr>
</tbody>
</table>

Available with CR39
uvex Prescription Multiple Form Request
(For new customers only. Not for individual employee use
or for requesting a reprint of existing forms)

Date:

Is this request for PRE-PRINTED FORMS OR THE ORDERING FACILITY? (Delete as applicable)

Pre-printed Forms

Website

Is this request for:

Safety: Quantity:

(For printed forms only)

Office: Quantity:

Both: Quantity:

Where would you like printed forms to be sent? (Delete as applicable)

End-user Distributor Optician

For the attention of:

Company Name:

Address: Telephone No:

Fax No:

Tracking number (internal use only):

Distribution:

Authorising person:

Job title:

Phone/Fax number:

Email address:

(must be supplied if requesting to go on-line)

Frames allowed: All allowed? Please put a cross in the box:

Certain frames allowed? Please put a cross in the box and list them below (showing specific colours if applicable):

Frames/colours:

Lenses: Safety: CR39 Polycarbonate Glass All

(Delete as applicable)

Lenses: Office: CR39

(Delete as applicable)

Special instructions:

Safety

No cosmetic extras.

uvex pay for eye test fee and invoice company.

All lens variants allowed. (single vision, bifocal and varifocal)

Single vision only unless specified by authorising officer

Office

No cosmetic extras.

uvex pay for eye test fee and invoice company.

All lens variants allowed. (single vision, bifocal and varifocal)

Single vision only.

If you require a specific optician to be printed on the form, please enter their details here:

Once complete, fax form to 01252 731221 or scan and email to (Sandra Sherlow) s.sherlow@uvex.co.uk