Prescription Safety Eyewear
Why uvex?

- 28 years 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 RX experts - our sales team have a combined 250 years’ experience
- Supported by Essilor, one of the world's leading lens manufacturers
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 suited to 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.

View everything
The uvex RX app makes product selection easier.
Out with the old

Customers that place orders using the online ordering system will be familiar with logging in and following a simple screen by screen process to produce a form for the employee. For example,

- Log in
- New application
- Complete employee details
- Select lens material
- Select frames
- Print off form or email to employee

The newly updated system presents a number of improvements:

- The new system replaces out of date software and provides improved security
- Customers now have full traceability of orders and order history on an employee specific basis
- An automated email will now be sent to authorising officers to verify the approval of surcharges
- The three-part order forms will be discontinued in favour of customer specific batch forms sent to the authorising officer by email
Online Ordering Process
Easier, faster, seamless - 4 easy steps

In with the new

What happens now?
In February 2017 an automated email will be sent to current users advising them that the new system is ready to use (if an email address has been registered). The process is similar, it’s just a different layout, for example:

- Log in in the usual way
- Select current employee or set up a new employee
- Your preferred optician will pre-populate on the form
- Save orders at any time
- Print the completed form and give to employee or email it to the employee
- The status of orders will be visible
- You now have the facility to run your own user reports

Easier, Faster, Seamless...
It’s now even faster and easier to source your safety prescription eyewear from uvex

In the future
- Customers will be able to log on for a status update on orders currently in production
- Employees will be sent a text message advising them that their spectacles have been dispatch to the optician

For further details please call: 01252 725552 to speak with any member of the Prescription Team.
Frequently Asked Questions

**Asked by employees**

Q) How do I get my spectacles?
A) Go to your Authorising Officer/Line Manager who will complete a pre-printed uvex form and sign it. Then take this form to your chosen optician who will carry out an eye test and order your spectacles.

Q) Which optician do I go to?
A) 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.

Q) How do I choose a frame?
A) 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 there.

Q) What happens if the frame I like isn’t at the opticians to try on?
A) 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.

Q) What if I have recently had an eye test prior to needing safety prescription spectacles?
A) If you have your current eye prescription details you can take these to the optician along with the uvex form and the optician can fill in the form with your details and order the spectacles as normal.

Q) Do I have to pay for my eye test and claim it back from my company?
A) 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.

**Asked by authorising officers**

Q) How can my company obtain uvex forms?
A) uvex will provide your company the forms F.O.C. and will preprint relevant information to help the ease of process. The Authorising Officer should complete the inside back cover of this brochure, fax it back to uvex and we will do the rest. The more information your company can provide, the smoother the process will work.

Q) What’s the benefit of a designated optician?
A) uvex will provide your designated optician with the appropriate frames, allowing employees to try them on for style and fitting purposes. Frames need to be measured on the individuals face in order to achieve ocular precision. In addition, fees can be agreed providing consistent invoice levels.

Q) How can my company set up a designated optician?
A) 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.

Q) Will the optician know what to do with the uvex form?
A) 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.

Q) How long will the glasses take to manufacture?
A) From the date of entering your details on to our computer we average between 7 and 10 working days before the spectacles are completed.
uvex i-3 add safety spectacles have invisible integrated dioptre correction for near vision. Strain on the eyes is therefore effectively reduced (e.g. when reading) and the patented lens technology ensures a high level of spontaneous compatibility for wearers. At the same time, the uvex i-3 add spectacles provide secure protection and optimal comfort.

**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 decisive quality feature and unique selling point is that the patented manufacturing technology means the front area and consequently the basic curve of the lenses are not altered.

This means that extremely good coverage and fit all the way to the side area are combined with the benefits of the progressive inside area of the lenses. 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 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 supravision excellence**

The uvex supravision excellence coating guarantees extreme scratch resistance on the outside and permanent anti-fogging properties on the inside.

**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.

**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.)

**Made in Germany**

Patent no.: DE 10 2012 207 384

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**uvex i-3 add**

<table>
<thead>
<tr>
<th>Model</th>
<th>Art. no.</th>
<th>Colour Description</th>
<th>Lens Description</th>
<th>Strength</th>
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<tbody>
<tr>
<td>uvex i-3 add 1.0</td>
<td>6108.210</td>
<td>anthracite-lime / W 166 FT CE 0196</td>
<td>PC clear / UV 400</td>
<td>1.0 dpt.</td>
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<td>anthracite-lime / W 166 FT CE 0196</td>
<td>PC clear / UV 400</td>
<td>2.0 dpt.</td>
</tr>
</tbody>
</table>

Including soft spectacles case with microfibre cloth.

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**Patent no.: DE 10 2012 207 384**
uvex RX sp 5510
- Plastic frame with a sporty wraparound design
- Anatomically shaped soft nose bridge and pads
- Protective functions integrated in the frame design
- Sporty temple arms with a combination of soft and hard components ensure increased comfort and a non-slip fit
- Curved anatomic lenses
- Prescription strength of up to a combined maximum +/- 6.00

Art. no. 6109.216
Ref. no. 5510 1217 62/17
Lens 62 mm
Nosepiece width 17 mm
Colour matt black/light grey

Art. no. 6109.217
Ref. no. 5510 1248 62/17
Lens 62 mm
Nosepiece width 17 mm
Colour matt black/orange

uvex RX sp 5509
- Sporty, wraparound plastic frame design
- Anatomically shaped soft nose bridge
- Side shields and upper eye rim protection integrated in frame design
- Specially-shaped frames provide protection against particles from below
- Easily adjustable comfortable Softform ear pieces
- Prescription strength of up to a combined maximum +/- 6.00

Formerly: uvex RX sp 9229

Art. no. 6108.205
Ref. no. 5509 3080 56/19
Lens 56 mm
Nosepiece width 19 mm
Colour dark metallic blue

Art. no. 6108.206
Ref. no. 5509 3080 56/21
Lens 56 mm
Nosepiece width 21 mm
Colour dark metallic blue

Special Openview lenses are required when the prescription is over +/-1.75 sphere. These lenses are manufactured to compensate for the curvature of the frame and therefore, incur a surcharge. Please refer to the price-list for more details.

To be replaced soon

uvex RX sp 5508
- Sporty, wraparound plastic frame design
- Anatomically shaped soft nose bridge
- Side shields and upper eye rim protection integrated in frame design
- The wraparound side arms and soft-grip ear pieces ensure a secure fit
- Interchangeable lens inserts for anatomic lenses
- Prescription strength of up to a combined maximum +/- 4.00

Art. no. 6109.211
Ref. no. 5507 5520 59/18
Lens 59 mm
Nosepiece width 18 mm
Colour brown/white

Art. no. 6109.212
Ref. no. 5507 7820 59/18
Lens 59 mm
Nosepiece width 18 mm
Colour lime/white
Prescription safety spectacles
Basic collection plastic frames

**uvex 5502**
- Close-fitting plastic frames
- Anatomically shaped nose bridge
- Side shields and upper eye rim protection integrated in frame design
- Specially-shaped frames provide protection against particles from below
- Side arms individually adjustable in four different lengths
- Adjustable comfortable soft-form ear pieces
- Prescription strength of up to a combined maximum +/- 6.00

<table>
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<tr>
<td>Colour</td>
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</table>

Formerly: uvex 9134 meteor

**uvex 5505**
- Close-fitting plastic frames
- Anatomically shaped nose bridge
- Side shields and upper eye rim protection integrated in frame design
- Specially-shaped frames provide protection against particles from below
- Length and angle of side arms individually adjustable for a customised fit
- Adjustable comfortable soft-form ear pieces
- Prescription strength of up to a combined maximum +/- 8.00

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<td>Colour</td>
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</table>

**uvex 5506**
- Comfortable plastic frame
- Anatomically shaped nose bridge
- Side shields and upper eye rim protection integrated in frame design
- Prescription strength of up to a combined maximum +/- 6.00

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</table>
uvex 5101
- Classic metal frame with double-bar nose piece
- Anatomically adjustable soft nose pads
- Side shields made of wire mesh to allow good air circulation
- Side arms with spring hinges
- Easily adjustable TPE ear pieces
- Prescription strength of up to a combined maximum +/- 8.00

uvex 5102
- Fashionable, aviator-style metal frame
- Anatomically adjustable nose bridge
- Transparent side shields
- Easily adjustable TPE ear pieces
- Prescription strength of up to a combined maximum +/- 8.00

uvex 5104
- Large metal frame with double-bar nose piece
- Anatomically adjustable soft nose pads
- Transparent side shields
- Easily adjustable TPE ear pieces
- Prescription strength of up to a combined maximum +/- 8.00

Prescription may be limited due to frame size

uvex 5105
- Small unisex metal frame ideal for narrower faces
- Anatomically adjustable nose bridge
- Transparent side shields
- Easily adjustable TPE ear pieces
- Prescription strength of up to a combined maximum +/- 8.00

Formerly: uvex 9253 silver star

uvex 5106
- Classic design metal frame
- Anatomically adjustable nose bridge
- Transparent side shields
- Easily adjustable TPE ear pieces
- Prescription strength of up to a combined maximum +/- 8.00

<table>
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<th>Art. no.</th>
<th>Ref. no.</th>
<th>Lens</th>
<th>Nosepiece width</th>
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<tr>
<td>6109.103</td>
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<td>5102 1400 56/17</td>
<td>56 mm</td>
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<td>6109.106</td>
<td>5103 1400 53/20</td>
<td>56 mm</td>
<td>20 mm</td>
<td>bronze/havana</td>
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<td>6109.107</td>
<td>5104 1400 52/20</td>
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<td>20 mm</td>
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<td>6109.109</td>
<td>5105 1400 52/20</td>
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<td>20 mm</td>
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Lens: 53 mm, Nosepiece width: 20 mm, Colour: gunmetal/matt

Art. no.  | Ref. no. | Lens     | Nosepiece width | Colour               |
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Lens: 53 mm, Nosepiece width: 20 mm, Colour: gunmetal/matt

Art. no.  | Ref. no. | Lens     | Nosepiece width | Colour               |
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Lens: 53 mm, Nosepiece width: 20 mm, Colour: gunmetal/matt
uvex 5107
- Metal frame with oval-shaped lenses
- Anatomically adjustable nose bridge
- Transparent side shields
- Easily adjustable TPE ear pieces
- Prescription strength of up to a combined maximum +/- 8.00

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uvex 5108
- Slim, expressive metal frame
- Anatomically adjustable nose bridge
- Transparent side shields
- Easily adjustable TPE ear pieces
- Prescription strength of up to a combined maximum +/- 8.00

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<tr>
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uvex 8588
- A quadra shaped gents frame with double bridge bar
- Adjustable soft nose pads for increased comfort
- Clear side shields for enhanced wearer safety
- Prescription strength of up to a combined maximum +/- 8.00

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<tr>
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<td>Colour</td>
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uvex 8591
- The senator is a very popular classic style safety prescription spectacle
- It features a strap nose bridge helping to alleviate pressure
- Available in various sizes for better protection and comfort and will fit an increased number of wearers
- Prescription strength of up to a combined maximum +/- 8.00

<table>
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<td>Colour</td>
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</table>

uvex senator 9158
- A quadra shaped gents frame with single bridge bar
- Adjustable soft nose pads for increased comfort
- Prescription strength of up to a combined maximum +/- 8.00

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<tr>
<th>Art. no.</th>
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<tr>
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<tr>
<td>Colour</td>
<td>gunmetal</td>
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uvex Prescription Goggles
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
• All 3 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 and uvex ultrasonic RX goggles provide medium energy impact protection with a wide, adjustable elasticated headband
• All 3 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 5500
• 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
• They 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

Ref.no. Art.no. Lens Nosepiece width Colour
5500 6108.200 47 mm 22 mm blue/black

uvex carbonvision RX 5501
• The ideal choice when you require the protection level of goggle and the lowest profile of size and weight in one product.
This close fitting goggle is supplied with the uvex supravision extreme, permanent anti-fog coating on the inside, scratch resistant on the outside
• Comes as a complete unit and offers wearer protection against medium energy impacts, large dust particles and liquid splash
• Easy to fit
• Provides absolute comfort with no leakage to the goggle seal due to the lack of side arms
• Combines high-tech hard and soft materials creating a soft effective seal around the eyes which is easy to clean

Ref.no. Art.no. Lens Nosepiece width Colour
5501 6108.201 47 mm 22 mm grey/black

uvex 9302 ultrasonic goggle with insert
• This unique prescription goggle insert is compatible with the market leading uvex ultrasonic goggle
• Easy to fit
• Provides absolute comfort with no leakage to the goggle seal due to side arms
• Comes complete with goggle
• The innovative ultrasonic frame design combines hard and soft components creating a soft effective seal around the eyes, protecting the wearer from dust and liquid splash
• The goggle also features uvex's supravision excellence lens coating - permanent anti-fog on the inside and scratch resistant on the outside. Helps prolong the life of the product and is ideal for strenuous tasks
• The goggle also features uvex's supravision excellence lens coating - permanent anti-fog on the inside and scratch resistant on the outside. Helps prolong the life of the product and is ideal for strenuous tasks

Ref.no. Art.no. Lens Nosepiece width Colour
9302.049 47 mm 17 mm transparent
And for the VDU user.....

A 100% new, contemporary range of nine frames featuring metal, plastic and rimless options – solutions for all tastes.

- Four distinctive unisex frame designs
- Slim fit side arms
- Straight, low pressure non-slip fit on the 3120
- Four modern lens shapes
- Lightweight, high comfort, adjustable nose bridges for a stable fit

**uvex 3102**
- Art. no.: 6110.025
- Ref. no.: 3102 1900 53/18
- Lens size: 53 mm
- Nosepiece width: 18 mm
- Colour: silver, matt

**uvex 3107**
- Art. no.: 6110.033
- Ref. no.: 3107 1000 55/17
- Lens size: 55 mm
- Nosepiece width: 17 mm
- Colour: black

**uvex 3112**
- Art. no.: 6110.050
- Ref. no.: 3112 1233 54/17
- Lens size: 54 mm
- Nosepiece width: 17 mm
- Colour: black/blue

**uvex 3108**
- Art. no.: 6110.034
- Ref. no.: 3108 1400 54/18
- Lens size: 54 mm
- Nosepiece width: 18 mm
- Colour: gun
VDU spectacles
Plastic frames

And for the VDU user.....
A 100% new, contemporary range of nine frames featuring metal, plastic and rimless options – solutions for all tastes.

* Contemporary ‘easy-wear’ frames
* Adaptive side arms for a comfortable fit

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<thead>
<tr>
<th>uvex 3510</th>
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<tbody>
<tr>
<td>Art. no.</td>
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<tr>
<td>Ref. no.</td>
</tr>
<tr>
<td>Lens size</td>
</tr>
<tr>
<td>Nosepiece width</td>
</tr>
<tr>
<td>Colour</td>
</tr>
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<table>
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<th>uvex 3507</th>
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</tr>
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<td>Nosepiece width</td>
</tr>
<tr>
<td>Colour</td>
</tr>
</tbody>
</table>
And for the VDU user.....
A 100% new, contemporary range of nine frames featuring metal, plastic and rimless options – solutions for all tastes.

- Modern, stylistic frame designs
- Ultra-lightweight comfort enhancement

### uvex 1105
- Art. no.: 6110.041
- Ref. no.: 1105 5100 52/16
- Lens size: 53 mm
- Nosepiece width: 16 mm
- Colour: maroon

### uvex 1106
- Art. no.: 6110.042
- Ref. no.: 1106 1300 54/17
- Lens size: 54 mm
- Nosepiece width: 17 mm
- Colour: anthracite

### uvex 2104
- Art. no.: 6110.024
- Ref. no.: 2104 1900 54/18
- Lens size: 54 mm
- Nosepiece width: 18 mm
- Colour: silver, matt

Nylon supra metal frames
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>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. no.</td>
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<tr>
<td>Ref. no.</td>
<td>1106 1300 54/17</td>
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<tr>
<td>Colour</td>
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<tr>
<td>Lens size</td>
<td>53 mm</td>
</tr>
<tr>
<td>Nosepiece width</td>
<td>18 mm</td>
</tr>
</tbody>
</table>

**uvex 9100**
- 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>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art. no.</td>
<td>6110.016</td>
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<td>Ref. no.</td>
<td>2103 3400 50/20</td>
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<td>Nosepiece width</td>
<td>22 mm</td>
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</table>

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

<table>
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<tr>
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<tr>
<td>Ref. no.</td>
<td>2103 3400 50/20</td>
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<tr>
<td>Colour</td>
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<td>50 mm</td>
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<tr>
<td>Nosepiece width</td>
<td>20 mm</td>
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</tbody>
</table>

**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>
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</tr>
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<tr>
<td>Art. no.</td>
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<td>Colour</td>
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<tr>
<td>Nosepiece width</td>
<td>18 mm</td>
</tr>
</tbody>
</table>

Available with CR39
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)

- Filter properties
  - UV protective filter with unlimited colour recognition
    - Labelling: 2C
- Transmission
  - Transmission in visible light spectrum (VLT) >74.4%
    - Labelling: 1.2
- Mechanical strength

<table>
<thead>
<tr>
<th>Increased robustness</th>
<th>Impact resistance, low energy</th>
<th>Impact resistance, medium energy</th>
</tr>
</thead>
<tbody>
<tr>
<td>W = uvex</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>S = Increased robustness</td>
<td></td>
</tr>
<tr>
<td></td>
<td>F = Low-energy impact</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(45 m/sec.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>B = Medium-energy impact</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(120 m/s)</td>
<td></td>
</tr>
<tr>
<td>166</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Firing a ball bearing (0.88 g) against the lens/supporting frame, Impact speed 45 m/s (162 km/h)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Firing a ball bearing (0.88 g) against the lens/supporting frame, Impact speed 120 m/s (432 km/h)</td>
<td></td>
</tr>
<tr>
<td>Identification class: S</td>
<td>Identification class: F</td>
<td>Identification class: B</td>
</tr>
</tbody>
</table>

**Additional requirements in accordance with EN 166** (extract)

- Resistance to liquids (droplets and splashes)
  - Labelling: 3
- Resistance to coarse dust (grain size >5 µm)
  - 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</td>
</tr>
<tr>
<td></td>
<td></td>
<td>F = Low-energy impact</td>
</tr>
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<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>B = Medium-energy impact</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(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>S = Increased robustness</td>
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</tr>
<tr>
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<td></td>
<td>(45 m/sec.)</td>
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<td></td>
</tr>
<tr>
<td></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.
**Prescription safety spectacles**

**Lens materials**

**Polycarbonate**

- Additional labelling: PC
- Organic material with very high breaking strength
- Only limited resistance to chemicals and therefore not suited to combination with frameless safety spectacles
- 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 (not available in safety frames)**

- 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

**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

**Tints**

- Solid tints are available on polycarbonate and CR39 lenses
- Available in 2 colours and 3 densities
  - Grey: 82% LTF (light), 38% LTF (medium), 15% LTF (dark)
  - Brown: 82% LTF (light), 38% LTF (medium), 15% LTF (dark)

**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.

**Qualities available:**

- Multiple anti-reflective coating

**Varifocal lens options:**

- **Standard** (available at no extra cost)
  - Varifocal is a digitally produced entry level lens, delivering accurate performance which is optimised regardless of the wearer's prescription. The Varilux Liberty® NE varifocal lens takes into account the wearers prescription and is ideal for the more cost sensitive varifocal wearer looking for high quality and advanced technology.

- **Varilux Comfort® NE New Edition** (surcharge applicable)
  - The Varilux Comfort® NE is superior to the Varilux Liberty® NE providing wearers with visual comfort whatever their activities. Varilux Comfort® NE can be easily adapted for immediate visual comfort, offers a wider distance field of vision, whilst reducing peripheral distortion. The near vision can be tailored to modern day requirements maintaining performance regardless of the wearer’s prescription. Recommended for existing standard Varilux Comfort® NE wearers and first time varifocal wearers.

- **Varilux physio 2.0 varifocal** (surcharge applicable)
  - The Varilux Physio varifocal lens is superior to the Varilux Comfort lens due to patented sharp vision W.A.V.E. Technology: Wavefront Advanced Vision Enhancement™ helping to identify and eliminate distortion that other manufacturers miss. Each lens is customised based on your prescription plus distance and lighting conditions to help you see details like never before. The Varilux Physio gives you sharper details, brighter colours, better contrast and greater comfort – whatever the distance and whatever the light conditions.
uvex Prescription Eyewear 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 WEBSITE ORDERING FACILITY? (Delete as applicable)  
Pre-Printed Forms Website

Is this request for:  
(For printed forms only)  
Safety: Quantity:  
Office: Quantity:  
Both: Quantity:  

Where would you like printed forms to be sent?  
End-user  Distributor  Optician

For the attention of: 

Company name: 
Address: 
Telephone No: 
Fax: 

Tracking number (internal use only): 

Distributor: 
Authorising person: 
Job title: 
Phone / Fax number: 
Email address:  

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  
Office: CR39  Polycarbonate  All  

Special instructions:  
(Delete as required)  
Safety:  
No Cosmetic Extras.  
Uvex to pay for eye test fee and invoice company.  
A): All lens variants allowed. (single vision, bifocal & varifocal)  
or B): Single vision only unless specified by authorising officer.  

Office:  
No Cosmetic Extras.  
Uvex to pay for eye test fee and invoice company.  
A): All lens variants allowed. (single vision, bifocal & varifocal)  
or B): 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
protecting people