

uvex



uvex silv-Air c

Filtering face masks

protecting people

uvex-safety.co.uk

Manufacturing and design expertise

uvex design and technology

The true wearability of PPE is when two or more items are worn together.

Our decades of experience in developing and producing personal protective equipment across multiple product groups allows uvex to combine expertise and deliver integrated design concepts that ensure the wearability and compatibility of our PPE.

This is certainly true when it comes to combining eyewear and respiratory protection. The mask designs have been influenced by uvex safety eyewear to ensure they fit and work together to provide uncompromised protection levels and enhanced performance. Together these two cost effective solutions deliver an unmistakable partnership – after all, if PPE works and is comfortable, it's more likely to get worn.

Our development has also allowed us to design our RPE to achieve the best possible fit which in turn provides extremely high results when it comes to face fit testing

Taking the example of the uvex sportstyle and uvex silv-Air c 3310 folding face mask opposite*, the combination of the two products works as follows:

* Alternative spec or goggle and mask options are available.



The spectacle lens sits outside of the mask ensuring no downward pressure dislodging the mask position.



The 3D preformed mask shape gives an exceptional mask/face seal and the lens curvature reduces any gap between the eyes and the spectacle.



Feather-light with a weight of only 23 grams uvex sportstyle are significantly lighter than conventional safety spectacles giving optimised optical clarity and no pressure when wearing both products.



The uvex sportstyle boasts an adjustable nose piece and soft anti-slip ear pieces (uvex duo component technology) ensuring a pressure-free fit. The wearer is able to maintain the exact position of the spec and mask even during strenuous tasks.



The low profile headband and ultra lightweight thin spectacle arm combination enhances compatibility with other items of PPE such as ear defenders and helmets.



uvex unique anti-fog lens coating keeps the lens fog-free particularly during strenuous activity when body heat can intensify while wearing a mask. Applied to both sides of the lens.

Manufacturing and design expertise
uvex design and technology



Product code 9193080
uvex sportstyle

Product code 8733310
uvex silv-Air c 3310

uvex silv-Air c

An overview of breathing protection classes

Breathing Protection

Exposure to chemicals, fumes, dusts and fibres at work can, under some circumstances, have a detrimental effect on health. Known as 'hazardous substances', exposure if not properly controlled, may cause immediate and long-term health problems.

Having completed a COSHH risk assessment (Control of Substances Hazardous to Health Regulations 2002) to ascertain respiratory protective equipment (RPE) is required, employers or those that are self-employed have a legal responsibility to ensure that the RPE is both **adequate** and **suitable** for the work being carried out.

- **Adequate** - RPE is right for the hazard and reduces exposure to the level required to protect the wearer's health.
- **Suitable** - RPE is right for the wearer, task and environment, such that the wearer can work freely and without additional risks due to the RPE.

The Health and Safety Executive (HSE) have produced a guide to help you select the correct RPE and manage its use in your workplace. For more information visit: <https://www.hse.gov.uk/>

It is important to remember that when it comes to RPE, one size does not fit all. RPE is available in different sizes to ensure that the sealing surface of the respirator matches different facial features. Gender, ethnicity, build and many other factors mean that one size of facepiece will not fit everyone.

Types of RPE

There are two main types of RPE:

- **Respirators** - (particle filtering face masks) - use filters to remove contaminants from the air being breathed in, and
- **Breathing Apparatus** - the supply of breathing-quality air from an independent source (e.g. air cylinder or air compressor)

uvex only offers disposable particle filtering face masks.

How particle-filtering face masks work

Particle-filtering face masks offer effective protection against dust, mist, smoke and microorganisms from the air flowing through them.

The densely woven filter fabric prevents solid and liquid particles (mists, fine sprays and aerosols) from passing through and the internal layers are electrostatically charged to ensure that hazardous materials adhere to them and cannot be inhaled.

Respirators are given an 'assigned protection factor' or APF classification to help the wearer select the right level of protection provided they are fitted and used correctly.



uvex silv-Air c

High performance filter, low breathing resistance technology

Assigned protection factors:

There are 3 different classes of respirator, colour coded to make selection easier:

| | FFP1 Respirators | FFP2 Respirators | FFP2 Carbon Layered Respirators | FFP3 Respirator |
|---------------------------------------|---|--|--|---|
| Assigned Protection Factor APF | APF 4 | APF 10 | APF 10 | APF 20 |
| Typical Applications | Low level fine dust/oil or water based mists (hand sanding, drilling and cutting) | Moderate level fine dust/ oil or water based mists (plastering, cement, sanding and wood dust) | Options for metal fume, ozone and nuisance levels of certain gases and vapours | Higher level fine dust/ oil or water based mists (hazardous pharmaceutical powders, biological agents and fibres) |
| Easy Identification | Identified by blue lettering on the mask | Identified by orange lettering on the mask | | Identified by black lettering on the mask |

An FFP1 respirator should reduce exposure to airborne particles by a factor of 4, an FFP2 by a factor of 10 and an FFP3 by a factor of 20.

Employers should make sure the selected RPE is of the right size and can correctly fit the wearer. For tight-fitting facepieces the initial selection should include a fit test. For more information, turn to the back page.

Comfort and Fit

The many design features of the uvex silv-Air c range have been developed with the wearers comfort in mind. These include:

- field of vision
- design and materials
- size, weight and balance
- compatibility with other PPE
- pressure points
- ease of adjustment and secure fitting
- heat and moisture build up, and
- breathing resistance



Depending on the model, the soft foam or PE sealing lip allows the wearer to achieve a customised seal without risk of leakage.

Breathing resistance

The carefully chosen combination of highly functional filter materials and the uvex fine-dust filter technology ensures that the individual layers 'clog up' at a slower rate offering maximum protection and making breathing easier.

The exhalation valve with an ultra thin membrane is ideally situated for maximum efficiency and increased speed of opening and closing. This supports the easy transfer of humidity and reduced breathing resistance helping to improve the internal mask climate.

All products have successfully passed the penetration test under controlled temperature conditions in accordance with EN 149.

All products carry the 'D' symbol, which confirms that the masks can absorb high volumes of materials with only a minimum increase in breathing resistance.

The 'D' symbol is defined by the absorption (7.17) of dolomite dust in the EN 149 standard.

In addition, the masks meet the highest international standards: NIOSH, AUS/NZ, SABS & GOST certified.

uvex silv-Air c

Protection class FFP2 filtering face masks

FFP2

- The innovative ori-nasal design of the nose bridge and the soft seal contours to any facial shape
- Soft material edges for greater comfort and wearer acceptance
- Seamless headband for a comfortable, secure fit
- Exhalation valve for easy airflow exchange which reduces the build-up of heat and moisture inside the mask
- Adjustable nose clip ensures an excellent individual fit
- Mask fulfils the requirements of the dolomite dust test
- Design ensures a compatible fit with uvex eyewear
- Upper face seal offers both secure positioning and comfort
- Activated carbon filter, suitable for welding applications available in the FFP2 (silv-Air c 2220) option

Product code 8732210
uvex silv-Air c 2210

Seamless headband
can be adjusted for an optimum fit.

Exhalation valve
with a 360° opening ensures very low breathing resistance and a cooling effect climate inside the mask.

Adjustable nose clip
ensures an excellent individual fit and secure positioning.

Upper face seal
offers both a more secure positioning of the mask and increased wearer comfort.

uvex silv-Air c

Protection class FFP2 filtering face masks // **APF 10**



FFP2

Product code 8732200

uvex silv-Air c 2200

- Particle-filtering preformed mask
- Seamless headband and flexible, adjustable nose clip for a comfortable, secure fit
- Comfortable sealing lip in nose area for secure fit

| | |
|-----------------------|--|
| | uvex silv-Air c 2200 |
| Product code | 8732200 |
| Version | FFP2 NR D preformed mask without valve |
| Colour | white |
| Order quantity | 20 PC |
| Content | 20 PC, packed in BOX |



FFP2

Product code 8732210

uvex silv-Air c 2210

- Particle-filtering preformed mask with exhalation valve
- Seamless headband and flexible, adjustable nose clip for a comfortable, secure fit
- Comfortable sealing lip in nose area for secure fit
- Exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

| | |
|-----------------------|-------------------------------------|
| | uvex silv-Air c 2210 |
| Product code | 8732210 |
| Version | FFP2 NR D preformed mask with valve |
| Colour | white |
| Order quantity | 15 PC |
| Content | 15 PC, packed in BOX |



FFP2

Product code 8732220

uvex silv-Air c 2220

- Particle-filtering preformed mask with exhalation valve
- Additional activated carbon filter against odours, gases and vapours below threshold
- Seamless headband and flexible, adjustable nose clip for a comfortable, secure fit
- Comfortable sealing lip in nose area for secure fit
- Exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

| | |
|-----------------------|---|
| | uvex silv-Air c 2220 |
| Product code | 8732220 |
| Version | FFP2 NR D preformed mask valve & carbon |
| Colour | silver |
| Order quantity | 15 PC |
| Content | 15 PC, packed in BOX |

uvex silv-Air c

Protection class FFP3 filtering face masks // APF 20

FFP3



Product code 8733310
uvex silv-Air c 3310

uvex silv-Air c FFP3 filtering pre-formed face mask

- The innovative ori-nasal design of the nose bridge and the soft seal contours to any facial shape
- Soft material edges for greater comfort
- 4-point headband for a comfortable, secure fit
- Exhalation valve for easy airflow exchange which reduces the build-up of heat and moisture inside the mask
- Adjustable nose clip to ensure an excellent individual fit
- Mask fulfils the requirements of the dolomite dust test
- Compatible with uvex safety eyewear
- Soft all-round sealing lip for a secure fit and high level of wearer comfort



Product code 8732310
uvex silv-Air c 2310

The looped headband system is easy to adjust and offers a high level of wearer comfort.

The 4-point headband allows the mask to be adjusted to the wearer, giving an individual comfortable and secure fit.

The adjustable nose clip ensures an excellent individual fit and secure positioning.

The ultra thin membrane ensures very low breathing resistance and an improved climate inside the mask.

The concealed and adjustable nose clip ensures an excellent individual fit.

The soft material edges prevent uncomfortable pressure points.

The complete all-round sealing lip improves both the positioning and comfort.

uvex silv-Air c

Protection class FFP3 filtering face masks // **APF 20**



FFP3

Product code 8733310

uvex silv-Air c 3310

- Particle-filtering folding mask with exhalation valve
- Adjustable headband and flexible, adjustable nose clip for a comfortable, secure fit
- Comfortable, all-around sealing lip for secure fit
- Exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

| | |
|-----------------------|-----------------------------------|
| uvex silv-Air c 3310 | |
| Product code | 8733310 |
| Version | FFP3 NR D folding mask with valve |
| Colour | white |
| Order quantity | 15 PC |
| Content | 15 PC, individually packed in BOX |



FFP3

Product code 8732310

uvex silv-Air c 2310

- Particle-filtering preformed mask with exhalation valve for **larger face shapes**
- Four-point headband attachment and flexible, adjustable nose clip for a comfortable, secure fit
- Very soft, all-around sealing lip for optimal wearer comfort and secure fit
- Exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

| | |
|-----------------------|---|
| uvex silv-Air c 2310 | |
| Product code | 8732310 |
| Version | FFP3 NR D preformed mask with valve – large version |
| Colour | white |
| Order quantity | 15 PC |
| Content | 15 PC, packed in BOX |



FFP3

Product code 8732312

uvex silv-Air c 2312

- Particle-filtering preformed mask with exhalation valve – ergonomically adapted for **smaller to medium-sized face shapes**
- Four-point headband attachment and flexible, adjustable nose clip for a comfortable, secure fit
- Very soft, all-around sealing lip for optimal wearer comfort and secure fit
- Exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

| | |
|-----------------------|---|
| uvex silv-Air c 2312 | |
| Product code | 8732312 |
| Version | FFP3 NR D preformed mask with valve – small version |
| Colour | white |
| Order quantity | 15 PC |
| Content | 15 PC, packed in BOX |



Harrisons

Recommended RPE Fit Test Provider

The British Safety Industry Federation (BSIF) recognised the need for respiratory personal equipment (RPE) to be fitted properly after it emerged that many workers did not have the correct protection levels due to poor fitting equipment.

Recent research suggests up to 50% of all RPE used does not offer the wearer the assumed level of protection, mainly from not fitting properly.

UK Health and Safety regulations stipulate that RPE must be correctly selected and for those individuals wearing the equipment, to receive adequate training. Where a face seal is necessary, an appropriate fit test must be conducted by a competent person. To ensure people know the person conducting their test is competent, the British Safety Industry Federation along with HSE and other industry stakeholders developed the Fit2Fit Providers Accreditation scheme.



HARRISONS
RESPIRATORY PROTECTION

Get in touch



01482 656536



harrisonsofhull.com

A proud partnership

uvex are proud to partner with Harrisons for the provision of BSIF Accredited Fit2Fit Face Fit Testing and Respiratory Training to realise their shared commitment to support customers in their objective of protecting people in the workplace.

Through the provision of highly effective and comfortable uvex face masks, together with an extremely friendly and professional team of experts, this partnership guarantees your employees will receive the advice, training and education they need to ensure they know how to wear their respiratory protection correctly.

Harrisons deliver UK wide training, across all industry sectors. Training takes place at your premises to ensure minimal disruption to your working day.

UVEX SAFETY (UK) LTD
uvex House
Farnham Trading Estate
Farnham
Surrey
England
GU9 9NW

Tel: 01252 731200
Fax: 01252 733968
safety@uvex.co.uk
uvex-safety.co.uk

protecting people