

# uvex



## Breathing Protection

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protecting people

## **uvex i-gonomics**

Innovative breathing protection. Measurably enhanced wearer comfort

uvex i-gonomics stands for maximum functionality with first-class comfort: The innovative product system is perfectly adapted to the human physiognomy and is characterised by its low weight and optimal climate control. The patented breathing protection valve enables easy, more natural breathing – for improved wearer acceptance and greater safety.

# uvex v-ionics 5219 FFP2



### **Measurably enhanced wearer comfort – thanks to patented valve**

The dimensionally stable uvex v-ionics 5210 FFP2 respirator enables particularly natural breathing with less accumulation of heat and moisture under the mask. This is guaranteed by the bionic structure of the ultra thin and flexible membrane – for noticeably enhanced wearer comfort with every use.

## Relief-Index

# 4.53

The relief index is calculated using the mean value of the three index values (IV) for force, weight and temperature – ranging from 0 (= poor) to 5 (= perfect).

## weight 4.7

**Lightweight feel, greater wearer acceptance**

- Test method:  
Absorption of moisture  
during breathing (EN 149)
- Test result:  
Weight increase = 0.550 g



## force 4.6

**Light and more natural breathing**

- Test method:  
Exhalation resistance according  
to EN 149
- Test result:  
Exhalation resistance = 0.7 mbar



## clima 4.3

**Less accumulation of heat and moisture**

- Test method:  
Breathing with artificial lung (EN149)
- Test result:  
Temperature inside the mask = 32°C



## uvex v-ionics

Respiratory protection inspired by nature



The patented uvex v-ionics breathing protection valve with bionic structure makes breathing noticeably easier and more natural – for maximum wearer comfort and maximum safety in the workplace.



|                    |
|--------------------|
| uvex v-ionics 5219 |
| Art. no.           |
| Version            |
| Colour             |
| Retail unit        |

8765.219  
FFP2 NR D folding mask with valve  
white  
15 units, individually packaged

# The uvex breathing protection navigator

The fast route to finding the right respirator for your needs

Choosing the right respiratory protective devices is essential for ensuring the safety of the respective wearer and is a process that requires the utmost care.

In order to choose the filtering respirator that meets your requirements, please observe the following points:

- The type, composition and concentration of the respective hazardous substances must be provided and known (note the CAS number). The measurement can be carried out by the employers' liability insurance association, for example. In addition, the respective work conditions with due regard to occupational exposure limit values must be known.
- There must be a sufficient volume of oxygen in the environment. Please observe the legal provisions regarding this; in Germany, 17 vol. % is required as a minimum.
- If further PPE is required, this must be compatible. uvex respirators are particularly ideal for use in combination with uvex safety spectacles (page 133).
- Respiratory protective devices are not suitable for persons with beards, sideburns or deep scars in the area of the respirator sealing lines.
- Masks designated with "NR" can be used for up to eight hours. Masks designated with "R" may be used for up to 24 hours but must be cleaned after each period of use. As a general rule, a mask with a noticeably increasing level of breathing resistance must be replaced.
- After determining/being advised on the protection class required (FFP1, FFP2 or FFP3) – through the respective employers' liability insurance association, for example – the following table can be used to select a respirator model that meets the requirements of the respective work conditions. Please note that we only offer our FFP3 masks with an exhalation valve in order to give you the highest possible level of wearer comfort.



## Selection

| Brief periods of use or lighter activities at normal ambient temperatures            |                                      |  |
|--|--------------------------------------|--|
| Protection class   | Folding mask (with or without valve) | Cup-style mask (without or with valve)   |
| FFP1   | 3100, 3110, 8103, 8113, 5100, 5110   | 2100, 2110, 7100, 7110                   |
| FFP2   | 3200, 3210, 8203, 8213, 5200, 5210   | 2200, 2210, 7200, 7210, 7212             |
| FFP3   | 3310, 8313, 5310                     | 2310, 2312, 7310                         |
| Long periods of wear or hard, strenuous activities at increased ambient temperatures |                                      |  |
| Protection class   | Folding mask (with valve)            | Cup-style mask (with valve)              |
| FFP1   | 3110, 8113, 5110                     | 2110, 7110                               |
| FFP2   | 3210, 8213, 5210                     | 2210, 7210, 7212, 7233, 7232             |
| FFP3   | 3310, 8313, 5320                     | 2310, 2312, 7310, 7333, 7330, 7312, 7315 |
| With activated carbon layer to protect against unpleasant odours                     |                                      |  |
| Protection class   | Folding mask (with valve)            | Cup-style mask (with valve)              |
| FFP1   | -                                    | -  |
| FFP2   | 3220, 5220                           | 2220, 7220                               |
| FFP3   | 5320                                 | 7320                                     |

► The minimum requirements for selected areas of application can be found on page 134.



# Perfect Match

Protection from a single source



For many years, has been a global leader in industrial safety eyewear. uvex has built on this expertise in the development of its highly functional uvex silv-Air respirators.

With the aim of creating two products that can be worn together perfectly, eyewear and breathing protection product development was carried out in close consultation. Safety eyewear and breathing protection were regarded as one, uniting to provide the best possible protection.

The result of this combined expertise is the three dimensional shape of uvex silv-Air respirators. They ensure an optimum, close fit of safety eyewear, without slipping and wobbling. As the equipment remains firmly in place, optimum eye protection is guaranteed. uvex preformed and folding masks are therefore particularly suitable for combination with uvex safety eyewear.

uvex's latest innovation, the uvex silv-Air eco, has also been designed to be worn in conjunction with uvex safety eyewear. All models fit securely on the nose, due to the curved nose shape of the mask.

Trust protection from a single source.



Three dimensional optimised nose shape for optimum combination of respirator with safety eyewear.

Combination options of uvex silv-Air respirators with uvex safety eyewear

Page

|  |             | Folding masks<br>FFP1, FFP2, FFP3     | Preformed masks<br>FFP1, FFP2, FFP3   | Preformed masks<br>FFP2, FFP3 | Folding masks<br>FFP1, FFP2, FFP3 | Folding masks<br>FFP1, FFP2, FFP3              |
|--|-------------|---------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|--|
| uvex silv-Air e                        | 140–141     |                                       | 7112, 7212, 7233,<br>7312, 7333       | 7232, 7330                    |                                   |  |
| uvex silv-Air p                        | 142–145     | 8103, 8113, 8203,<br>8213, 8313       | 7100, 7110, 7120,<br>7200, 7210, 7220 | 7310, 7320                    |                                   |  |
| uvex silv-Air c                        | 147–150     | 3100, 3110, 3200,<br>3210, 3220, 3310 |                                       | 2310, 2312                    | 2100, 2110, 2200,<br>2210, 2220   |  |
| uvex silv-Air premium                  | 137–138     |                                       |                                       |                               |                                   | 5100, 5110, 5200,<br>5210, 5220, 5310,<br>5320 |
| uvex i-3                               | 28          | ■                                     | □                                     | □                             | □                                 | ■  |
| uvex pheos<br>uvex sportstyle          | 32/33<br>25 | ■                                     | ■                                     | ■                             | ■                                 | ■  |
| uvex x-fit                             | 23          | ■                                     | ■                                     | □                             | □                                 | ■  |
| uvex i-vo                              | 36          | ■                                     | ■                                     | □                             | ■                                 | ■  |
| uvex i-works                           | 30          | ■                                     | □                                     | □                             | □                                 | ■  |
| uvex pheos cx2                         | 27          | ■                                     | □                                     | □                             | □                                 | ■  |
| uvex pheos cx2 goggle                  | 47          | ■                                     | ■                                     | ■                             | ■                                 | ■  |
| uvex super OTG<br>uvex super f OTG     | 44<br>45    | ■                                     | ■                                     | ■                             | ■                                 | ■  |
| uvex astrospec 2.0<br>uvex skyguard NT | 31<br>41    | ■                                     | □                                     | ■                             | ■                                 | ■  |
| uvex carbonvision<br>uvex u-sonic      | 52<br>48    | ■                                     | ■                                     | □                             | □                                 | ■  |
| uvex ultrasonic<br>uvex ultravision    | 49<br>50    | ■                                     | ■                                     | ■                             | ■                                 | ■  |

■ Perfect combination      □ Suitable to a limited extent



# uvex silv-Air

## Areas of application

| Activity  | Harmful substances                  | Protection class |      |      |
|---|-------------------------------------|------------------|------|------|
|   |                                     | FFP1             | FFP2 | FFP3 |
| Wood processing   |                                     |                  |      |      |
| Softwood: cutting and sanding   | Fine particles, wood dust           | ■                |      |      |
| Hard wood (oak, beech, tropical woods, etc.): cutting and sanding                   | Fine particles, wood dust           |                  | ■    |      |
| Brushing/sanding paint  | Fine colour particles               | ■                |      |      |
| Brushing/sanding paint (paints containing chrome)                                   | Fine colour particles               |                  | ■    |      |
| Soluble paints containing copper/chrome/arsenic                                     | Fine paint mist                     |                  | ■    |      |
| Construction and ancillary building industry  |                                     |                  |      |      |
| Cement work, plastering, tiling, roofing  | Cement, plaster, tile or brick dust | ■                |      |      |
| Masonry: cutting, drilling, demolition  |                                     | ■                |      |      |
| Asbestos: short periods of work   | Fibres                              |                  | ■    |      |
| Roof insulation: glass and mineral fibres   | Dust and fibres                     | ■                |      |      |
| Bodyfillers/stopper: Grinding   | Dust                                | ■                |      |      |
| Welding   |                                     |                  |      |      |
| Welding aluminium and stainless steel   | Metal and aluminium oxide fumes     |                  | ■    |      |
| Brazing   | Fumes                               |                  | ■    |      |
| Metalwork   |                                     |                  |      |      |
| Metal: drilling, grinding, milling, angle grinding                                  | Metal dust                          | ■                |      |      |
| High-alloy steels and stainless steels: drilling, grinding, milling, angle grinding | Metal dust                          |                  | ■    |      |
| Waste disposal and cleaning   |                                     |                  |      |      |
| Refuse separation and disposal  | Dust, fungi                         | ■                |      |      |
| Medical waste disposal  | Bacteria, spores                    |                  | ■    |      |
| Sweeping floors   | Dust (non-toxic)                    | ■                |      |      |
| Radioactively contaminated particles  | Dust                                |                  | ■    |      |
| Agriculture   |                                     |                  |      |      |
| Animal epidemics and treatment of animals with diseases                             | Bacteria, viruses                   |                  | ■    |      |
| Work with fungal spores   | Spores                              |                  | ■    |      |
| Work with hay, grain and flour  | Dust                                | ■                |      |      |
| Medicine/care/health  |                                     |                  |      |      |
| Allergies, pollen, household dust, animal fur                                       | Dust, particles, spores             | ■                |      |      |
| Bacteria, viruses, infections, legionella bacteria                                  | Bacteria, viruses                   |                  | ■    |      |

► These filter classes are minimum requirements and simply serve as a guide. It is the wearers' responsibility to make sure the breathing apparatus conforms to the requirements in terms of hazardous materials and concentration before use!

### Particle filters are divided into three classes:

- FFP1** For particles that are neither toxic nor associated with fibrosis. For protection up to 4 times the corresponding threshold limit value (OELs\*).
- FFP2** For hazardous or harmful particles, vapour and smoke; filters for solid and liquid particles with a medium filtering level. For protection up to 10 times the corresponding threshold value (OELs\*).
- FFP3** For poisonous particles, vapour and smoke; filters for solid and liquid aerosols with a high filtering classification. For protection up to 30 times the corresponding threshold limit value (OELs\*).

\* OELs = The occupational exposure limit values (OELs) are the average concentration of a substance in the air in the workplace, up to which no damage (chronic or acute) is to be expected if employees work there for eight hours a day for five days a week. The OELs replace the maximum workplace concentration (MWC) and the technical reference concentration (TRC) – however, as long as both of these values are not yet fully taken into account in the OELs, they can still be used on an interim basis for assessing risks in the workplace.



## uvex Silv-Air

### Respirator advisor · Cleaning · Functions

#### uvex Respiratory Expert System

Your respiratory protection advisor will help you choose the right respirator and provide detailed information

As a leader of innovation, we set the highest standards in products and service. The uvex Respiratory Expert System (uRES) will help you choose the appropriate respirator and will give you detailed information about products, technologies, standards and guidelines.

You can choose the correct mask from the uvex portfolio based on the work due to be carried out or based on the hazardous substance used. You will find useful detailed pictures of the products in use for all products and the relevant data sheets.

The uvex Respiratory Expert System gives you a quick overview of the correct respirator choice and provides clear and concise answers to fundamental questions relating to this topic.

Experience your breathing protection in a new dimension:

<https://ures.uvex.de>



8701.011

#### uvex clear

- antimicrobial cleaning spray for cleaning respirators marked with "R"

| uvex clear  |          |
|-------------|----------|
| Art. no.    | 8701.011 |
| Content     | 360 ml   |
| Retail unit | 1 can    |

# uvex silv-Air premium Respirators

| uvex silv-Air premium  |   |   |
|--|---|---|
| FFP 1  | FFP 2   | FFP 3   |
| flat fold  | flat fold   | flat fold   |
|   |    |   |
| 5100 NR D  | 5200 NR D   |   |
|    |   |   |
| 5110 NR D  | 5210 NR D   | 5310 NR D   |
|  |    |    |
|  | 5220 NR D with carbone  | 5320 NR D with carbone  |
| <b>FFP 1</b>   | <b>FFP 2</b>  | <b>FFP 3</b>  |
| All FFP 1 respirators provide reliable protection against harmful substances up to <b>4 times</b> the threshold limit value (OELs*) and are available with or without a valve. | All FFP 2 respirators provide reliable protection against harmful substances up to <b>10 times</b> the threshold limit value (OELs*) and are available with or without a valve. | All FFP 3 respirators provide reliable protection against harmful substances up to <b>30 times</b> the threshold limit value (OELs*) and are only available with a valve. |

uvex respirators are suitable for protection against solid and liquid aerosols, dust particles, fog and smoke. They do not provide an adequate level of protection against gases and vapours exceeding the limit value.

All respirators have been tested and certified in accordance with European standard 149 "Respiratory protective devices – filtering half masks for protection against particles". They are in line with current EU legislation. Depending on the filter performance and leakages, the respirators are categorised into protection classes P1 (blue), P2 (orange) or P3 (black). All respiratory protective devices fall into PPE category III (high risks).

\* OELs = The occupational exposure limit values (OELs) are the average concentration of a substance in the air in the workplace, up to which no damage (chronic or acute) is to be expected if employees work there for eight hours a day for five days a week. The OELs replace the maximum workplace concentration (MWC) and the technical reference concentration (TRC) – however, as long as both of these values are not yet fully taken into account in the OELs, they can still be used on an interim basis for assessing risks in the workplace.

# uvex silv-Air premium

## Respirators in protection class FFP1, FFP2 and FFP3



8765.100



8765.110

### uvex silv-Air 5100

- particle-filtering folding mask
- wide, seamless headband for ensuring a comfortable and secure fit
- incorporated nose clip that is easy to adjust
- comfortable sealing lip in the nose area for a reliable fit

uvex silv-Air 5100

Art. no. 8765.100

Version FFP1 NR D folding mask without valve

Colour white

Retail unit 30 units, individually packaged

### uvex silv-Air 5110

- particle-filtering folding mask with exhalation valve
- wide, seamless headband for ensuring a comfortable and secure fit
- comfortable sealing lip in the nose area for a reliable fit
- incorporated nose clip that is easy to adjust
- exhalation valve for reducing heat and humidity as well as noticeably reducing breathing resistance

Available from the  
first quarter of 2018



uvex silv-Air 5110

8765.110

FFP1 NR D folding mask with valve

white

15 units, individually packaged



8765.200



8765.210



8765.220

### uvex silv-Air 5200

- particle-filtering folding mask
- wide, seamless headband for ensuring a comfortable and secure fit
- incorporated nose clip that is easy to adjust
- comfortable sealing lip in the nose area for a reliable fit

uvex silv-Air 5200

Art. no. 8765.200

Version FFP2 NR D folding mask without valve

Colour white

Retail unit 30 units, individually packaged

### uvex silv-Air 5210

- particle-filtering folding mask with exhalation valve
- wide, seamless headband for ensuring a comfortable and secure fit
- comfortable sealing lip in the nose area for a reliable fit
- incorporated nose clip that is easy to adjust
- exhalation valve for reducing heat and humidity as well as noticeably reducing breathing resistance

uvex silv-Air 5210

8765.210

FFP2 NR D folding mask with valve

white

15 units, individually packaged

### uvex silv-Air 5220

- particle-filtering folding mask with exhalation valve
- wide, seamless headband for ensuring a comfortable and secure fit
- additional activated carbon filter for protection against odours, gases and vapours under the respective limit values
- comfortable sealing lip in the nose area for a reliable fit
- incorporated nose clip that is easy to adjust
- exhalation valve for reducing heat and humidity as well as noticeably reducing breathing resistance

uvex silv-Air 5220

8765.220

FFP2 NR D folding mask with valve and carbon

white

15 units, individually packaged

# uvex silv-Air premium

## Respirators in protection class FFP3

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Available from the  
first quarter of 2018

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8765.310



8765.320

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### uvex silv-Air 5310

- particle-filtering folding mask with exhalation valve
- wide, seamless headband for ensuring a comfortable and secure fit
- comfortable sealing lip in the nose and chin area for a reliable fit
- incorporated nose clip that is easy to adjust
- exhalation valve for reducing heat and humidity as well as noticeably reducing breathing resistance

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### uvex silv-Air 5320

- particle-filtering folding mask with exhalation valve
- wide, seamless headband for ensuring a comfortable and secure fit
- additional activated carbon filter for protection against odours, gases and vapours under the respective limit values
- comfortable sealing lip in the nose and chin area for a reliable fit
- incorporated nose clip that is easy to adjust
- exhalation valve for reducing heat and humidity as well as noticeably reducing breathing resistance

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#### uvex silv-Air 5310

|             |                                   |
|-------------|-----------------------------------|
| Art.no.     | 8765.310                          |
| Ausführung  | FFP3 NR D folding mask with valve |
| Colour      | white                             |
| Retail unit | 15 units                          |

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#### uvex silv-Air 5320

|  |
|--|
| 8765.320                                     |
| FFP3 NR D folding mask with valve and carbon |
| white  |

# uvex silv-Air

## Protection level classification

### uvex silv-Air e

#### FFP 1

#### FFP 2

cup style



7212 NR D



7232 R D



7233 R D



7312 R D



7333 R D



7315 R D



7330 R D



### uvex silv-Air p

#### FFP 1

#### FFP 2

#### FFP 3

flat fold

cup style



8103 NR D



7100 NR D

flat fold

cup style



8203 NR D



7200 NR D

flat fold

cup style



8113 NR D



7110 NR D



8213 NR D



7210 NR D



8313 NR D



7310 R D

with carbon  
7220 NR Dwith carbon  
7320 R D

# uvex silv-Air High Performance FFP2 and FFP3

Lowest breathing resistance. Integrated ventilation.



## uvex silv-Air High-Performance – A new dimension in breathing protection

- particle-filtering preformed mask with exhalation valve and inhalation valves
- High-performance climazone system with three compartments for a comfortable, cool climate inside the mask
- flexible textile headband with neck clip for individual adjustment
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask
- two extra filters with inhalation valves for lower breathing resistance and increased comfort due to easier air exchange
- very soft, all-around sealing lip for optimal wearer comfort and secure fit
- combination of 3D nose area and sealing lip ensures ideal fit for almost any nose shape

|             | uvex silv-Air 7233                  | uvex silv-Air 7333                  |
|-------------|-------------------------------------|-------------------------------------|
| Art. no.    | 8707.233                            | 8707.333                            |
| Version     | FFP2 R D preformed mask with valves | FFP3 R D preformed mask with valves |
| Colour      | white                               | white                               |
| Retail unit | 3 units                             | 3 units                             |

## uvex silv-Air High-Performance – Perfect protection combined with maximum wearer comfort

- particle-filtering preformed mask with exhalation valve and inhalation valves
- High-performance climazone system with three compartments for a comfortable, cool climate inside the mask
- four-point headband attachment for a comfortable, individual and secure fit
- flexible, adjustable integrated nose clip
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask
- two extra filters with inhalation valves for lower breathing resistance and increased comfort due to easier air exchange
- high-quality silv-Air outer material for optimal breathability
- very soft, all-around sealing lip for optimal wearer comfort and secure fit
- nasal recess on the sealing lip ensures ideal fit for almost any nose shape

|             | uvex silv-Air 7232                  | uvex silv-Air 7330                 |
|-------------|-------------------------------------|------------------------------------|
| Art. no.    | 8707.232                            | 8707.330                           |
| Version     | FFP2 R D preformed mask with valves | FFP3 R D preformed mask with valve |
| Colour      | silver grey                         | silver grey                        |
| Retail unit | 3 units                             | 3 units                            |



Adjustable headband  
for optimum fit



Perfectly shaped around the  
nose for secure positioning



Large inhalation valves  
ensure extremely low  
breathing resistance.



Nasal recess ensures a  
perfect fit for almost any  
nose shape.



High-quality uvex silv-Air  
outer material for best  
possible breathability.



Flexible 4-point headband  
attachment for a comfortable fit.

# uvex silv-Air e

## FFP2 and FFP3 preformed masks



8707.212

8707.312  
8707.311  
8707.315

### uvex silv-Air 7212

- particle-filtering preformed mask with exhalation valve
- soft material edges for increased comfort
- seamless headband for a comfortable, secure fit
- very soft, all-around sealing lip for optimal wearer comfort and secure fit
- flexible, adjustable integrated nose clip
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

### uvex silv-Air 7312

- particle-filtering preformed mask with exhalation valve
- soft material edges for increased comfort
- very soft, all-around sealing lip for optimal wearer comfort and secure fit
- flexible, adjustable integrated nose clip
- four-point headband attachment for a comfortable, individual and secure fit
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

### uvex silv-Air 7315

- particle-filtering preformed mask with exhalation valve
- soft material edges for increased comfort
- very soft, all-around sealing lip for optimal wearer comfort and secure fit
- without nose clip (metal-free)
- four-point headband attachment for a comfortable, individual and secure fit
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

#### uvex silv-Air 7212

|                    |                                     |
|--------------------|-------------------------------------|
| <b>Art.no.</b>     | 8707.212                            |
| <b>Version</b>     | FFP2 NR D preformed mask with valve |
| <b>Colour</b>      | white                               |
| <b>Retail unit</b> | 15 units                            |

#### uvex silv-Air 7312

|                    |                                   |
|--------------------|-----------------------------------|
| <b>Art.no.</b>     | 8707.312                          |
| <b>Version</b>     | FFP3 RD preformed mask with valve |
| <b>Colour</b>      | white                             |
| <b>Retail unit</b> | 5 units                           |

#### uvex silv-Air 7315

|                    |                                   |                |
|--------------------|-----------------------------------|----------------|
| <b>Art.no.</b>     | 8707.311                          | 8707.315       |
| <b>Version</b>     | FFP3 RD                           | FFP3 RD        |
|                    | preformed mask                    | preformed mask |
|                    | with valve                        | with valve     |
| <b>Colour</b>      | white                             | white          |
| <b>Retail unit</b> | 120 units,<br>individually packed | 5 units        |



Anatomically preformed nose area and integrated nosepiece within the filter material, ensures a perfect fit and the highest level of wearer comfort.



4-point headband attachment for a comfortable, secure fit of the mask.



The high-quality filter material ensures low breathing resistance, while the smooth white filter surface reduces the risk of contamination through "linting" in areas with strict hygiene standards.



## uvex silv-Air p FFP1 and FFP2 preformed masks



All-round soft material edges for increased comfort.



Three-dimensional, optimised shape can be combined with safety eye protection and a secure fit is guaranteed without a nose clip



All FFP1 and FFP2 preformed masks are completely metal-free.



FFP2 preformed mask also available with activated carbon filter against unpleasant odours.



Seamless, wide headband with loop for even pressure distribution and a comfortable fit.



### Product description

- innovative design with optimised shape for secure fit
- soft material edges for increased comfort
- optional exhalation valve reduces temperature and moisture inside the mask
- optimised nose area design ensures maximum compatibility with uvex safety eyewear
- silver-grey uvex silv-Air outer material is pleasant to touch and prevents mask being discarded prematurely on account of surface staining

### Typical Areas of application

Protection class FFP 1 respirators can be used in areas such as the food industry, stonemasonry and cement work, construction and softwood processing.

Protection class FFP 2 respirators can be used in areas such as mining, the metal work industry, shipyards and wood processing.

# uvex silv-Air p

## FFP1 preformed masks and folding masks



8707.100



8707.110

### uvex silv-Air 7100

- particle-filtering preformed mask
- metal-free processing
- soft material edges for increased comfort
- seamless headband for a comfortable, secure fit

|                    |  |
|--------------------|--|
| uvex silv-Air 7100 |  |
| Art.no.            | 8707.100                               |
| Version            | FFP1 NR D preformed mask without valve |
| Colour             | silver grey                            |
| Retail unit        | 20 units                               |

### uvex silv-Air 7110

- particle-filtering preformed mask with exhalation valve
- metal-free processing
- soft material edges for increased comfort
- seamless headband for a comfortable, secure fit
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

|                    |                                     |
|--------------------|-------------------------------------|
| uvex silv-Air 7110 |                                     |
| Art.no.            | 8707.110                            |
| Version            | FFP1 NR D preformed mask with valve |
| Colour             | silver grey                         |



8708.103



8708.113

### uvex silv-Air 8103

- particle-filtering folding mask
- hydrophobic material coating
- seamless headband for a comfortable, secure fit
- flexible, adjustable integrated nose clip
- foam layers in chin and nose area for optimal fit

|                    |                                      |
|--------------------|--------------------------------------|
| uvex silv-Air 8103 |                                      |
| Art.no.            | 8708.103                             |
| Version            | FFP1 NR D folding mask without valve |
| Colour             | silver                               |
| Retail unit        | 20 units, individually packed        |

### uvex silv-Air 8113

- particle-filtering folding mask with exhalation valve
- hydrophobic material coating
- seamless headband for a comfortable, secure fit
- Flexible, adjustable integrated nose piece
- foam layers in chin and nose area for optimal fit
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

|                    |                                   |
|--------------------|-----------------------------------|
| uvex silv-Air 8113 |                                   |
| Art.no.            | 8708.113                          |
| Version            | FFP1 NR D folding mask with valve |
| Colour             | silver                            |

## uvex silv-Air p

### FFP2 preformed masks and folding masks



8707.200



8707.210



8707.220

#### uvex silv-Air 7200

- particle-filtering preformed mask
- metal-free processing
- seamless headband for a comfortable, secure fit

uvex silv-Air 7200

Art. no. 8707.200

Version FFP2 NR D preformed mask without valve

Colour silver grey

Retail unit 20 units

#### uvex silv-Air 7210

- particle-filtering preformed mask with exhalation valve
- metal-free processing
- seamless headband for a comfortable, secure fit
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

uvex silv-Air 7210

Art. no. 8707.210

Version FFP2 NR D preformed mask with valve

Colour silver grey

Retail unit 15 units

#### uvex silv-Air 7220

- particle-filtering preformed mask with exhalation valve
- metal-free processing
- additional activated carbon filter against odours, gases and vapours below threshold
- seamless headband for a comfortable, secure fit
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

uvex silv-Air 7220

Art. no. 8707.220

Version FFP2 NR D preformed mask with valve and carbon

Colour silver, anthracite

Retail unit 15 units



8708.203



8708.213

#### uvex silv-Air 8203

- particle-filtering folding mask
- hydrophobic material coating
- seamless headband for a comfortable, secure fit
- flexible, adjustable integrated nose clip
- foam layers in chin and nose area for optimal fit

uvex silv-Air 8203

Art. no. 8708.203

Version FFP2 NR D folding mask without valve

Colour silver

Retail unit 20 units, individually packed

#### uvex silv-Air 8213

- particle-filtering folding mask with climate-optimised exhalation valve
- hydrophobic material coating
- seamless headband for a comfortable, secure fit
- flexible, adjustable integrated nose clip
- foam layers in chin and nose area for optimal fit

uvex silv-Air 8213

Art. no. 8708.213

Version FFP2 NR D folding mask with valve

Colour silver

Retail unit 15 units, individually packed

## uvex silv-Air p

FFP3 preformed masks and folding masks



8707.310



8707.320

### **uvex silv-Air 7310**

- particle-filtering preformed mask with exhalation valve
- very soft, all-around sealing lip for optimal wearer comfort and secure fit
- flexible, adjustable integrated nose clip
- four-point headband attachment for a comfortable, individual and secure fit
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

**uvex silv-Air 7310**
**Art.no.** 8707.310**Version** FFP3 R D preformed mask with valve**Colour** silver grey**Retail unit** 5 units

### **uvex silv-Air 7320**

- particle-filtering preformed mask with exhalation valve
- additional activated carbon filter against odours, gases and vapours below threshold
- very soft, all-around sealing lip for optimal wearer comfort and secure fit
- flexible, adjustable integrated nose clip
- four-point headband attachment for a comfortable, individual and secure fit
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

**uvex silv-Air 7320**
**Art.no.** 8707.320**Version** FFP3 R D preformed mask with valve and carbon**Colour** silver, anthracite**Retail unit** 5 units

8708.313

### **uvex silv-Air 8313**

- particle-filtering folding mask with exhalation valve
- hydrophobic material coating
- four-point headband attachment for a comfortable, individual and secure fit
- flexible, adjustable integrated nose clip
- 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 8313**
**Art.no.** 8708.313**Version** FFP3 NR D folding mask with valve**Colour** silver**Retail unit** 15 units, individually packed

# uvex silv-Air c Respirators



### uvex silv-Air c

|           | FFP1      |           | FFP2      |           |                       | FFP3      |           |
|-----------|-----------|-----------|-----------|-----------|-----------------------|-----------|-----------|
| flatfold  | 3100 NR D | 3110 NR D | 3200 NR D | 3210 NR D | 3220 NR D with carbon | 3310 NR D |           |
| cup style | 2100 NR D | 2110 NR D | 2200 NR D | 2210 NR D | 2220 NR D with carbon | 2310 NR D | 2312 NR D |

# uvex silv-Air C

Respirators, class FFP1 and FFP2



## Filtering face mask uvex silv-Air c

- innovative design with an optimised shape
- soft material edges for greater comfort and wearer acceptance
- seamless headband for a comfortable, secure fit
- exhalation valve for easy airflow exchange and 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
- compatible with uvex safety eyewear
- upper face seal offers both secure positioning and comfort
- activated carbon filter, suitable for welding applications available in the FFP2 (uvex silv-Air c 2220 and 3220) option



1

2

3

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

The soft material edges prevent uncomfortable pressure points.

The seamless headband can be adjusted for an optimum fit.



4

5

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

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

## uvex silv-Air c

### Filtering face masks, protection class FFP1



8733.100



8733.110

#### uvex silv-Air 3100

- particle-filtering folding mask
- seamless headband and flexible, adjustable nose clip
- comfortable sealing lip in nose area for secure fit

uvex silv-Air 3100

Art.no. 8733.100

Version FFP1 NR D folding mask without valve

Colour white

Retail unit 30 units, individually packed

#### uvex silv-Air 3110

- particle-filtering folding mask with exhalation valve
- Comfortable sealing lip in nose area for secure fit
- seamless headband and flexible, adjustable nose clip
- exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

uvex silv-Air 3110

Art.no. 8733.110

Version FFP1 NR D folding mask with valve

Colour white

Retail unit 15 units, individually packed



8732.100



8732.110

#### uvex silv-Air 2100

- particle-filtering preformed mask
- seamless headband and nose clip for a comfortable, secure fit
- comfortable sealing lip in nose area for secure fit

uvex silv-Air 2100

Art.no. 8732.100

Version FFP1 NR D preformed mask without valve

Colour white

Retail unit 20 units

#### uvex silv-Air 2110

- particle-filtering preformed mask with exhalation valve
- seamless headband and 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 2110

Art.no. 8732.110

Version FFP1 NR D preformed mask with valve

Colour white

Retail unit 15 units

# uvex silv-Air C

Filtering face masks, protection class FFP2



8733.200



8733.210



8733.220

## **uvex silv-Air 3200**

- particle-filtering folding mask
- seamless headband and flexible, adjustable nose clip
- comfortable sealing lip in nose area for secure fit

## **uvex silv-Air 3210**

- particle-filtering folding mask with exhalation valve
- seamless headband and flexible, adjustable nose clip
- 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 3220**

- particle-filtering folding mask with exhalation valve
- additional activated carbon filter against odours, gases and vapours below threshold
- seamless headband and flexible, adjustable nose clip
- 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 3200

Art. no. 8733.200

Version FFP2 NR D folding mask without valve

Colour white

Retail unit 30 units, individually packed

uvex silv-Air 3210

8733.210

FFP2 NR D folding mask with valve

white

15 units, individually packed

uvex silv-Air 3220

8733.220

FFP2 NR D folding mask with valve and carbon

silver

15 units, individually packed



8732.200



8732.210



8732.220

## **uvex silv-Air 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 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 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 2200

Art. no. 8732.200

Version FFP2 NR D preformed mask without valve

Colour white

Retail unit 20 units

uvex silv-Air 2210

8732.210

FFP2 NR D preformed mask with valve

white

15 units

uvex silv-Air 2220

8732.220

FFP2 NR D preformed mask with valve and carbon

silver

15 units

# uvex silv-Air c

Filtering face masks, protection class FFP3



8733.310

## uvex silv-Air 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 3310 |                                   |
| Art.no.            | 8733.310                          |
| Version            | FFP3 NR D folding mask with valve |
| Colour             | white                             |
| Retail unit        | 15 units, individually packed     |



8732.310

## uvex silv-Air 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



8732.312

## uvex silv-Air 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 2310 | uvex silv-Air 2312                  |
| Art.no.            | 8732.310                            |
| Version            | FFP3 NR D preformed mask with valve |
| Colour             | white                               |
| Retail unit        | 15 units                            |

# uvex silv-Air

## Functions

|   |   |
|---|---|
|    | The <b>360° exhalation valve</b> considerably reduces breathing resistance and build-up of heat and moisture in the mask.   |
|    | <b>Comfortable all-round sealing lip</b><br>The soft sealing lip guarantees a secure, comfortable sealed positioning of the mask.   |
|    | <b>Soft sealing lip in the nose and chin area</b><br>for a secure and comfortable fit.  |
|    | <b>Comfortable sealing lip in the nose area</b><br>The soft sealing lip in the nose area guarantees a secure, pressure-free fit.  |
|    | <b>Comfort nose clip</b><br>The mask is fitted with a high-quality nose clip making it individually adjustable.   |
|    | <b>Metal-free</b><br>The mask is completely metal-free and is manufactured entirely of skin-tolerant materials.   |
|   | The <b>4-point headband attachment</b> allows an individual and secure fit, which can be perfectly adapted to meet the wearer's requirements.   |
|  | The masks are <b>individually</b> packed and meet the highest standards of hygiene.   |
|  | <b>Carbon inside</b><br>The additional activated carbon layer incorporated in the filter material reduces unpleasant odours.  |
|  | The <b>3D nose area</b> ensures a comfortable fit, low leakage and prevents misting of uncoated eyewear.  |
|  | <b>High performance climate management</b><br>The mask offers extremely low breathing resistance due to the filter chambers connected with the inhalation valve. The climate management of the high performance mask guarantees optimum wearer comfort. |
|  | <b>R labelling</b><br>The mask has been tested for reusability and has the required performance features for wearing during a second work shift.  |
|  | <b>"NR" designation</b><br>The masks are not reusable and must therefore be disposed of after a work shift.   |
|  | <b>D labelling</b><br>The mask has undergone additional dolomite dust testing and therefore affords excellent breathability, even in extremely dusty environments and during longer periods of use.   |



# uvex silv-Air

## Overview

| Art. no. | Name                                | Type  | Colour  | Retail unit       | Quantity in outer box | Page |
|----------|-------------------------------------|---|---|-------------------|-----------------------|------|
| 8701.011 | uvex clear                          | Cleaning spray                                |   | 1 can (360 ml)    | 100                   | 130  |
| 8707.100 | uvex silv-Air 7100                  | FFP1 preformed mask without valve             |             | silver grey       | 20 per box            | 180  |
| 8707.110 | uvex silv-Air 7110                  | FFP1 preformed mask with valve                |             | silver grey       | 15 per box            | 135  |
| 8707.200 | uvex silv-Air 7200                  | FFP2 preformed mask without valve             |             | silver grey       | 20 per box            | 180  |
| 8707.210 | uvex silv-Air 7210                  | FFP2 preformed mask with valve                |             | silver grey       | 15 per box            | 135  |
| 8707.212 | uvex silv-Air 7212                  | FFP2 preformed mask with valve                |             | white             | 15 per box            | 135  |
| 8707.220 | uvex silv-Air 7220 with carbon      | FFP2 preformed mask with valve                |             | silver/anthracite | 15 per box            | 135  |
| 8707.232 | uvex silv-Air 7232 High Performance | FFP2 preformed mask with three-chamber system |             | silver grey       | 3 per box             | 36   |
| 8707.233 | uvex silv-Air 7233 High Performance | FFP2 preformed mask with three-chamber system |             | white             | 3 per box             | 36   |
| 8707.310 | uvex silv-Air 7310                  | FFP3 preformed mask with valve                |             | silver grey       | 5 per box             | 60   |
| 8707.311 | uvex silv-Air 7311                  | FFP3 preformed mask with valve                |             | white             | 120 pieces            | 120  |
| 8707.312 | uvex silv-Air 7312                  | FFP3 preformed mask with valve                |             | white             | 5 per box             | 60   |
| 8707.315 | uvex silv-Air 7315                  | FFP3 preformed mask with valve                |             | white             | 5 per box             | 60   |
| 8707.320 | uvex silv-Air 7320 with carbon      | FFP3 preformed mask with valve                |             | silver/anthracite | 5 per box             | 60   |
| 8707.330 | uvex silv-Air 7330 High Performance | FFP3 preformed mask with three-chamber system |             | silver grey       | 3 per box             | 36   |
| 8707.333 | uvex silv-Air 7333 High Performance | FFP3 preformed mask with three-chamber system |             | white             | 3 per box             | 36   |
| 8708.103 | uvex silv-Air 8103                  | FFP1 folding mask without valve               |             | silver            | 20 per box            | 480  |
| 8708.113 | uvex silv-Air 8113                  | FFP1 folding mask with valve                  |             | silver            | 15 per box            | 360  |
| 8708.203 | uvex silv-Air 8203                  | FFP2 folding mask without valve               |         | silver            | 20 per box            | 480  |
| 8708.213 | uvex silv-Air 8213                  | FFP2 folding mask with valve                  |     | silver            | 15 per box            | 360  |
| 8708.313 | uvex silv-Air 8313                  | FFP3 folding mask with valve                  |     | silver            | 15 per box            | 360  |
| 8732.100 | uvex silv-Air 2100                  | FFP1 preformed mask without valve             |     | white             | 20 per box            | 240  |
| 8732.110 | uvex silv-Air 2110                  | FFP1 preformed mask with valve                |     | white             | 15 per box            | 180  |
| 8732.200 | uvex silv-Air 2200                  | FFP2 preformed mask without valve             |     | white             | 20 per box            | 240  |
| 8732.210 | uvex silv-Air 2210                  | FFP2 preformed mask with valve                |     | white             | 15 per box            | 180  |
| 8732.220 | uvex silv-Air 2220 with carbon      | FFP2 preformed mask with valve                |     | silver            | 15 per box            | 180  |
| 8732.310 | uvex silv-Air 2310                  | FFP3 preformed mask with valve                |     | white             | 15 per box            | 180  |
| 8732.312 | uvex silv-Air 2312                  | FFP3 preformed mask with valve                |     | white             | 15 per box            | 180  |
| 8733.100 | uvex silv-Air 3100                  | FFP1 folding mask without valve               |     | white             | 30 per box            | 360  |
| 8733.110 | uvex silv-Air 3110                  | FFP1 folding mask with valve                  |     | white             | 15 per box            | 180  |
| 8733.200 | uvex silv-Air 3200                  | FFP2 folding mask without valve               |     | white             | 30 per box            | 360  |
| 8733.210 | uvex silv-Air 3210                  | FFP2 folding mask with valve                  |     | white             | 15 per box            | 180  |
| 8733.220 | uvex silv-Air 3220 with carbon      | FFP2 folding mask with valve                  |     | silver            | 15 per box            | 180  |
| 8733.310 | uvex silv-Air 3310                  | FFP3 folding mask with valve                  |     | white             | 15 per box            | 180  |
| 8765.100 | uvex silv-Air 5100                  | FFP1 folding mask without valve               |     | white             | 30 per box            | 480  |
| 8765.110 | uvex silv-Air 5110                  | FFP1 folding mask with valve                  |     | white             | 15 per box            | 240  |
| 8765.200 | uvex silv-Air 5200                  | FFP2 folding mask without valve               |     | white             | 30 per box            | 480  |
| 8765.210 | uvex silv-Air 5210                  | FFP2 folding mask with valve                  |     | white             | 15 per box            | 240  |
| 8765.220 | uvex silv-Air 5220 with carbon      | FFP2 folding mask with valve                  |     | white             | 15 per box            | 240  |
| 8765.310 | uvex silv-Air 5310                  | FFP3 folding mask with valve                  |     | white             | 15 per box            | 240  |
| 8765.320 | uvex silv-Air 5320 with carbon      | FFP3 folding mask with valve                  |     | white             | 15 per box            | 240  |