

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.

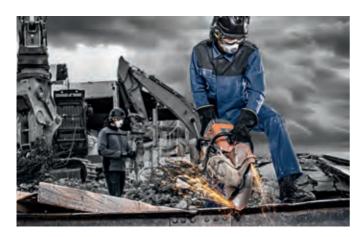
Relief-Index

force 4.6 Light and more natural breathing • Test method: Exhalation resistance according The relief index is calculated using the to EN 149 mean value of the three index values (IV) • Test result: for force, weight and temperature -Exhalation resistance = 0.7 mbar ranging from 0 (= poor) to 5 (= perfect). 0 3mbar 0,5 mbar weight 4.7 Lightweight feel, greater wearer acceptance • Test method: Absorption of moisture during breathing (EN 149) • Test result: Weight increase = 0.550 g clima 4.3 Less accumulation of heat and moisture • Test method: Breathing with artificial lung (EN149) • Test result: Temperature inside the mask = 32°C

45°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.





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.
- If further PPE is required, this must be compatible. uvex respirators are particularly ideal for use in combination with uvex safety spectacles (page 119).
- 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/N95 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.

If a gas mask is required for the workspace, please note that the uvex respirator models do not offer adequate protection.

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 without valve)			
FFP1	3100, 3110, 5100, 5110	2100, 2110		
FFP2/N95	3200, 3210, 5200, 5210	2200, 2210		
FFP3	3310, 8313, 5310	2310, 2312		
Long periods of wear or ha	rd, strenuous activities at increased ambient temperatur	res		
Protection class	Protection class Folding mask (with valve) Cup-style mask (with valve)			
FFP1	3110, 5110	2110		
FFP2/N95	3210, 5210	2210		
FFP3	3310, 5320	2310, 2312		
With activated carbon layer	r to protect against unpleasant odours			
Protection class	Folding mask (with valve)	Cup-style mask (with valve)		
FFP1	-	-		
FFP2/N95	3220, 5220	2220		
FFP3	5320			

▶ The minimum requirements for selected areas of application can be found on page 119.



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.

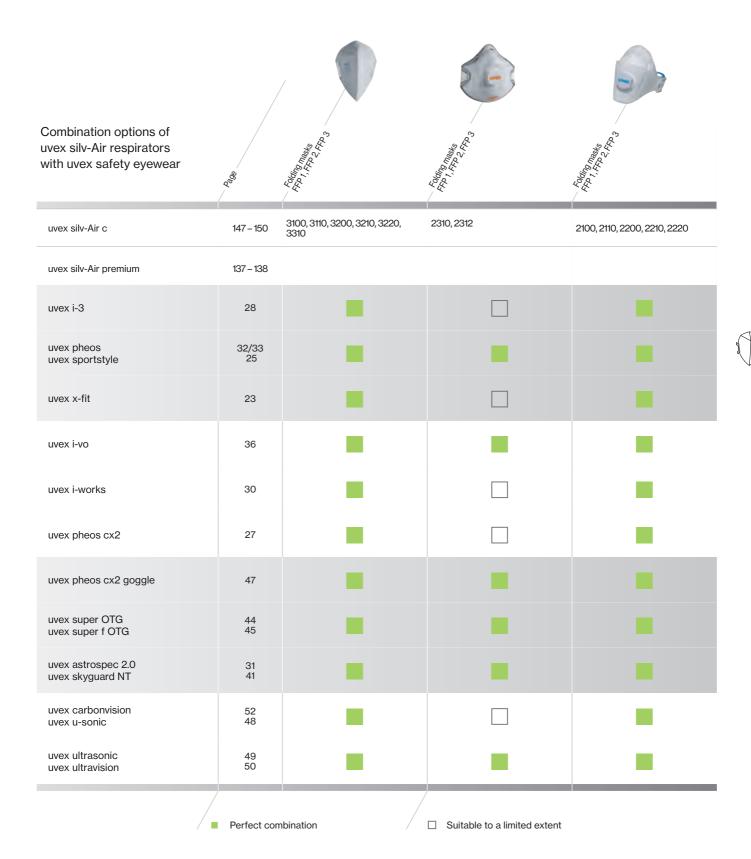
With the aim of creating two products that can be worn together perfectly, eyewear and breathing protection product development was carried out in close consultation. Safety eyewear and breathing protection were regarded as one, uniting to provide the best possible protection.

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.

Trust protection from a single source.



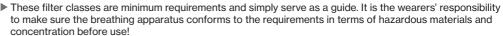
Three dimensional optimised nose shape for optimum combination of respirator with safety eyewear.

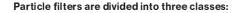


UVEX SIV-Air Areas of application









FFP2 / N95

FFP3



FFP1 For particles that are neither toxic nor associated with fibrosis. For protection up to 4 times the corresponding threshold limit value (MAK*).

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 (MAK*, TRK**).

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 (MAK*, TRK**).

- * MAK = maximum concentration at the workplace: MAK values are determined by the German Commission for the Investigation of
- ** TRK = technical reference concentration: the Work Area.
 ** TRK = technical reference concentration: the concentration of a hazardous material that can be contained by the latest technology. TRK values are applied to carcinogenic materials for which there is no MAK value available. A health risk cannot be completely ruled out.



uvex silv-Air premium Respirators

FFP 3

flat fold

uvex silv-Air premium

flat fold 5100 NR D











FFP 1

All FFP 1 respirators provide reliable protection against harmful substances up to **4 times** the threshold limit value (OELs*) and are available with or without a valve.

FFP 2

All FFP 2 respirators provide reliable protection against harmful substances up to **10 times** the threshold limit value (OELs*) and are available with or without a valve.

FFP 3

All FFP 3 respirators provide reliable protection against harmful substances up to **30 times** 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



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 adiust
- comfortable sealing lip in the nose area for a reliable fit



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

uvex silv-Air	51 00	uvex silv-Air 5110
Art. no.	8765.100	8765.110
Version	FFP1 NR D folding mask without valve	FFP1 NR D folding mask with valve
Colour	white	white
Retail unit	30 units, individually packaged	15 units, individually packaged



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 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



- 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 5200	uvex silv-Air 5210	uvex silv-Air 5220
Art. no.	8765.200	8765.210	8765.220
Version	FFP2 NR D folding mask without valve	FFP2 NR D folding mask with valve	FFP2 NR D folding mask with valve and carbon
Colour	white	white	white
Retail unit	30 units, individually packaged	15 units, individually packaged	15 units, individually packaged

UVEX SİV-Air premium Respirators in protection class FFP3







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

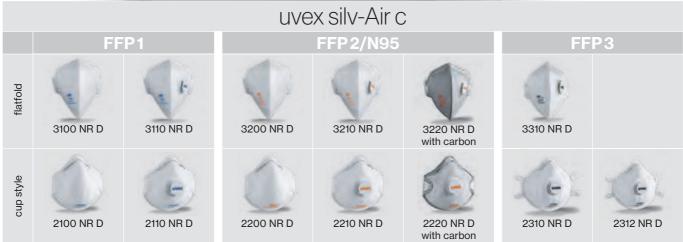
- particle-filtering folding mask with exhalation valve
- wide, seamless headband for ensuring a comfortable and secure fit
- additional activated carbon filter for protection against odours, gases and vapours under the respective limit values
- comfortable sealing lip in the nose and chin area for a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

uvex silv-Air 53	310	uvex silv-Air 5320
Art. no.	8765.310	8765.320
Ausführung	FFP3 NR D folding mask with valve	FFP3 NR D folding mask with valve and carbon
Colour	white	white
Retail unit	15 units	15 units

uvex silv-Air c

Respirators





UVEX SIV-AIR C Respirators, class FFP1 and FFP2/N95



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/N95 (uvex silv-Air c 2220 and 3220) option



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.



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.



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uvex silv-Air c

Filtering face masks, protection class FFP1



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 31 00			
Art. no.	8733.100		
Version	FFP1 NR D folding mask without valve		
Colour	white		
Retail unit	30 units, individually packed		



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 21 00 8732.100 Art. no. FFP1 NR D preformed mask without valve Version Colour Retail unit 20 units



uvex silv-Air 3110

- particle-filtering folding mask with exhalation valveComfortable 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



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. Version 8732.110 FFP1 NR D preformed mask with valve Colour Retail unit 15 units

uvex silv-Air c

Filtering face masks, protection class FFP2/N95



uvex silv-Air 3200

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



uvex silv-Air 3210

- · particle-filtering folding mask with exhalation
- · 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
- · 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	uvex silv-Air 321 0	uvex silv-Air 3220
Art. no.	8733.200	8733.210	8733.220
Version	FFP2/N95 NR D folding mask without valve	FFP2/N95 NR D folding mask with valve	FFP2/N95 NR D folding mask with valve and carbon
Colour	white	white	silver
Retail unit	30 units, individually packed	15 units, individually packed	15 units, individually packed



8732. 200

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



- 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	uvex silv-Air 2210	uvex silv-Air 2220
Art. no.	8732.200	8732.210	8732.220
Version	FFP2/N95 NR D preformed mask without valve	FFP2/N95 NR D preformed mask with valve	FFP2/N95 NR D preformed mask with valve and carbon
Colour	white	white	silver
Retail unit	20 units	15 units	15 units



uvex silv-Air c

Filtering face masks, protection class FFP3



uvex silv-Air 3310

- particle-filtering folding mask with exhalation
- · 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 Retail unit 15 units, individually packed









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

- 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 231 0	uvex silv-Air 2312
Art. no.	8732.310	8732.312
Version	FFP3 NR D preformed mask with valve	FFP3 NR D preformed mask with valve
Colour	white	white
Retail unit	15 units	15 units



uvex silv-Air



The 360° exhalation valve considerably reduces breathing resistance and build-up of heat and moisture in the mask.



Comfortable all-round sealing lip

The soft sealing lip guarantees a secure, comfortable sealed positioning of the mask.



Soft sealing lip in the nose and chin area

for a secure and comfortable fit.



Comfortable sealing lip in the nose area
The soft sealing lip in the nose area guarantees a secure, pressure-free fit.



Comfort nose clip
The mask is fitted with a high-quality nose clip making it individually adjustable.



The 4-point headband attachment allows an individual and secure fit, which can be perfectly adapted to meet the wearer's require-



The masks are individually packed and meet the highest standards of hygiene.



Carbon inside
The additional activated carbon layer incorporated in the filter material reduces unpleasant odours.



R labelling

The mask has been tested for reusability and has the required performance features for wearing during a second work shift.



"NR" designation
The masks are not reusable and must therefore be disposed of after a work shift.



D labelling
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	Туре	Colour	Retail unit	Quantity in outer box	Page
8732.100	uvex silv-Air 21 00	FFP1 preformed mask without valve	white	20 per box	240	126
8732.110	uvex silv-Air 2110	FFP1 preformed mask with valve	white	15 per box	180	126
8732.200	uvex silv-Air 2200	FFP2 preformed mask without valve	white	20 per box	240	127
8732.210	uvex silv-Air 2210	FFP2 preformed mask with valve	white	15 per box	180	127
8732.220	uvex silv-Air 2220 with carbon	FFP2 preformed mask with valve	silver	15 per box	180	127
8732.310	uvex silv-Air 2310	FFP3 preformed mask with valve	white	15 per box	180	128
8732.312	uvex silv-Air 2312	FFP3 preformed mask with valve	white	15 per box	180	128
8733.100	uvex silv-Air 31 00	FFP1 folding mask without valve	white	30 per box	360	126
8733.110	uvex silv-Air 3110	FFP1 folding mask with valve	white	15 per box	180	126
8733.200	uvex silv-Air 3200	FFP2 folding mask without valve	white	30 per box	360	127
8733.210	uvex silv-Air 3210	FFP2 folding mask with valve	white	15 per box	180	127
8733.220	uvex silv-Air 3220 with carbon	FFP2 folding mask with valve	silver	15 per box	180	127
8733.310	uvex silv-Air 3310	FFP3 folding mask with valve	white	15 per box	180	128
8765.100	uvex silv-Air 51 00	FFP1 folding mask without valve	white	30 per box	480	122
8765.110	uvex silv-Air 5110	FFP1 folding mask with valve	white	15 per box	240	122
8765.200	uvex silv-Air 5200	FFP2 folding mask without valve	white	30 per box	480	122
8765.210	uvex silv-Air 5210	FFP2 folding mask with valve	white	15 per box	240	122
8765.220	uvex silv-Air 5220 with carbon	FFP2 folding mask with valve	white	15 per box	240	122
8765.310	uvex silv-Air 5310	FFP3 folding mask with valve	white	15 per box	240	123
8765.320	uvex silv-Air 5320 with carbon	FFP3 folding mask with valve	white	15 per box	240	123