

uvex

uvex silv-Air

Filtering face masks

protecting people

uvex

Sustainability at uvex safety

protecting planet



For over 100 years, we have been producing and distributing high-quality products to protect people in sports, leisure and at work. Any company wanting to protect people must accept the responsibility that comes with it.

In the field of respiratory protection, we work on improving the fit and increasing the level of sustainable materials used. A good example of this is the **uvex silv-Air 2310 planet**. Thanks to its flexible nose clip and soft sealing lip, it offers excellent wearer comfort and a secure fit. The valve reduces heat and moisture and is made from 95% recycled ABS, while the headband attachment is made entirely from recycled PP. The product has an overall recycled content of 26.5%. Its carbon footprint is 0.19 kg CO_2e (05/2026).

4 hexagons
increased transparency about the product

Material

Products featuring this symbol contain bio-based materials, materials that can be composted at home or recycled materials. Recycled materials covers both post-consumer recycling materials (PCR) and post-industrial recycling materials (PIR).

Packaging

Product packaging featuring this symbol is made of, for example, 100% recycled materials or materials that can be composted at home.

Circular economy

Products featuring this symbol are, for example, designed to last for a particularly long time, recyclable, intended to be used a second time or able to be repaired.

Carbon footprint

We calculate the product-specific greenhouse gas emissions using the methods set out in the ISO 14067 standard.

Calculation method: IPCC 2021 GWP100 (based on ISO 14067); SimaPro with ecoinvent database; Scope: Cradle-to-Customer; The CO_2 values provided were valid at the time of calculation and may be subject to change due to database or methodology updates.



Following our motto **protecting planet**, the focus in the respiratory protection product group is also on sustainability. For single-use products with high consumption rates in particular, improvements in the carbon footprint play a decisive role.

uvex respiratory protection



95 %
recycled ABS valve



100%
recycled PP headband attachment

Combining our expertise with long-standing partner suppliers

uvex harmful substance management has stricter guidelines than required by law



30.2%
recycled materials content across the respiratory protection product group



100%
recycled materials for all plastic parts

ISO 14001 and ISO 9001 certified

Sustainable cartons made from more than 80% recycled paper

All suppliers use **solar energy**



Both in our own product development and when working together with our long-standing partners, we continuously analyse and research how even more components of uvex respirators can be made in a more sustainable way.

uvex

Manufacturing and design expertise

uvex design and technology

The true **WEAR**ABILITY 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 **WEAR**ABILITY 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, the combination of the two products works as follows:



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 supravision excellence 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.

uvex

uvex silv-Air

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 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

uvex silv-Air

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.

Comfort and Fit

The many design features of the uvex silv-Air 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.

Perfect Match

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





	Folding masks FFP 1, FFP 2, FFP 3	Preformed masks FFP 3	Preformed masks FFP 1, FFP 2,	Folding masks FFP 1, FFP 2, FFP 3
uvex silv-Air premium				5100, 5100+, 5110, 5110+, 5200, 5200+, 5210, 5210+, 5220+, 5310, 5310+, 5320+
uvex silv-Air c	3100, 3110, 3200, 3210, 3220, 3310	2310, 2312, 2320, 2322	2100, 2110, 2200, 2210, 2220	
uvex ultrashield	■	□	□	□
uvex pheos nxt	■	■	■	■
uvex i-lite	■	■	□	■
uvex i-guard / uvex i-guard +	□	■	□	■
uvex suXXeed	■	□	■	■
uvex i-5	■	□	□	■
uvex sportstyle	■	□	■	■
uvex pheos cx2	■	□	□	■
uvex pheos	■	□	■	■
uvex i-3	■	□	□	■
uvex i-works	■	□	□	■
uvex astrospec 2.0	■	□	■	■
uvex OTG plus	■	■	■	■
uvex super OTG / uvex super f OTG	■	■	■	■
uvex hypervision	■	■	■	■
uvex megasonic	■	□	■	■
uvex pheos cx2 sonic	■	■	■	■
uvex u-sonic	■	■	■	■
uvex ultrasonic	■	■	■	■
uvex ultravision	■	■	■	■

These recommendations are based on experience. We recommend always carrying out wearability tests.

■ Perfect combination

□ Suitable to a limited extent

uvex

uvex silv-Air premium

Protection class FFP2 and FFP3 filtering face masks

FFP2 FFP3

uvex silv-Air premium FFP3 filtering folding face mask

- More sustainable mask family: the valve and headband attachment on all models are partly made of recycled material
- Contour-optimised design for maximum wearer comfort and a secure fit
- Available in two sizes for improved fit
- Sealing lip (in the nose area for FFP2, and the nose and chin area for FFP3) and nose clip provide greater comfort and a very secure fit
- The masks are packaged individually to meet the highest hygiene requirements
- Adjustable textile headband for greater protection and comfort
- Optional: exhalation valve for reducing heat and humidity





Nose clip is easy to adjust, ensuring a good fit.



Sealing lip offers maximum comfort and a reliable fit. Nose area only for FFP2 models.





Exhalation valve for reducing heat and humidity.



Individually packaged therefore meet the highest hygiene requirements.

Extra-wide textile headband ensures that the mask fits comfortably and securely.



uvex silv-Air premium

Protection class FFP2 filtering face masks // **APF 20**



Product code 8735310

uvex silv-Air 5310

- Particle-filtering flat-fold mask for **small to medium face shapes**
- 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

uvex silv-Air 5310	
Product code	8735310
Version	FFP3 NR D folding mask with valve – small version
Colour	white
Order quantity multiple/	box
Content	15 PC, individually packed in box



Product code 8735311

uvex silv-Air 5310+

- Particle-filtering flat-fold mask for **larger face shapes**
- 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

uvex silv-Air 5310+	
Product code	8735311
Version	FFP3 NR D folding mask with valve – large version
Colour	white
Order quantity multiple/	box
Content	15 PC, individually packed in box



Product code 8735321

uvex silv-Air 5320+

- Particle-filtering flat-fold mask for **larger face shapes**
- 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
- Additional activated carbon filter for protection against odours, gases and vapours under the respective limit values

uvex silv-Air 5320+	
Product code	8735321
Version	FFP3 NR D folding mask with valve and carbon – large version
Colour	grey
Order quantity	box
Content	15 PC, individually packed in box

uvex

uvex silv-Air premium

Protection class FFP2 filtering face masks // APF 10



Product code 8735200

uvex silv-Air 5200

- Particle-filtering flat-fold mask for **small to medium face shapes**
- Wide, seamless headband ensures 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	
Product code	8735200
Version	FFP2 NR D folding mask without valve
	small version
Colour	white
Order quantity	box
Content	30 PC, individually in box



Product code 8735201

uvex silv-Air 5200+

- Particle-filtering flat-fold mask for **larger face shapes**
- Wide, seamless headband ensures 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+	
Product code	8735201
Version	FFP2 NR D folding mask without valve
	large version
Colour	white
Order quantity	box
Content	30 PC, individually in box



Product code 8735210

uvex silv-Air 5210

- Particle-filtering flat-fold mask for **small to medium face shapes**
- Wide, seamless headband ensures a comfortable and secure fit
- Incorporated nose clip that is easy to adjust
- Comfortable sealing lip in the nose area for a reliable fit
- Exhalation valve for reducing heat and humidity as well as noticeably reducing breathing resistance

uvex silv-Air 5210	
Product code	8735210
Version	FFP2 NR D folding mask with valve
	small version
Colour	white
Order quantity	box
Content	15 PC, individually in box



Product code 8735211

uvex silv-Air 5210+

- Particle-filtering flat-fold mask for **larger face shapes**
- Wide, seamless headband ensures a comfortable and secure fit
- Incorporated nose clip that is easy to adjust
- Comfortable sealing lip in the nose area for a reliable fit
- Exhalation valve for reducing heat and humidity as well as noticeably reducing breathing resistance

uvex silv-Air 5210+	
Product code	8735211
Version	FFP2 NR D folding mask with valve
	large version
Colour	white
Order quantity	box
Content	15 PC, individually in box

FFP3

uvex silv-Air c

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



uvex silv-Air c 3310

uvex silv-Air c FFP3 filtering folding 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
- 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
- The soft foam sealing lip reduces the risk of leakage and promotes a proper fit



uvex silv-Air c 2310

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

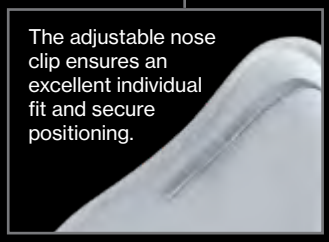
- The innovative ori-nasal design of the nose bridge and the soft seal contours to any facial shape
- Soft material edges for greater comfort
- 4-point headband for a comfortable, secure fit
- Exhalation valve for easy airflow exchange which reduces the build-up of heat and moisture inside the mask
- 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



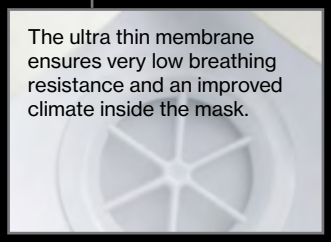
The looped headband system is easy to adjust and offers a high level of wearer comfort.



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.



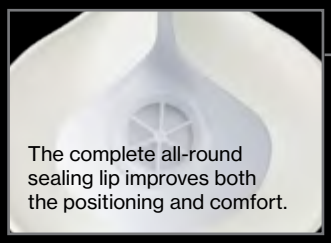
The ultra thin membrane ensures very low breathing resistance and an improved climate inside the mask.



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

uvex silv-Air c

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



FFP3

Product code 8763310

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	8763310
Version	FFP3 NR D folding mask with valve
Colour	white
Order quantity	15 PC
Content	15 PC, individually packed in box



FFP3

CO_2

Product code 8762313

uvex silv-Air 2310 planet

- Particle-filtering preformed mask with exhalation valve for larger face shapes
- Valve made from 95% recycled ABS
- Headband attachment made of 100% recycled PP
- 26.5% of the total product is made from recycled content
- Polybags made of 30% recycled material
- Flexible, adjustable nose clip
- Very soft, all-around sealing lip for optimal wearer comfort and fit
- Exhalation valve to further reduce breathing resistance, by helping to minimise moisture build up inside the mask

	uvex silv-Air c 2310 planet
Product code	8762313
Version	FFP3 NR D preformed mask with valve
Colour	white
Order quantity	15 PC
Content	15 PC, packed in box



FFP3

CO_2

Product code 8762310

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	8762310
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 8762312

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	8762312
Version	FFP3 NR D preformed mask with valve – small version
Colour	white
Order quantity	15 PC
Content	15 PC, packed in box

CO_2 footprint:
0.19 kg CO_2e 05/2026 (8762313), 0.28 kg CO_2e 05/2026 (8762310)

uvex silv-Air c

Protection class FFP2 filtering face masks // APF 10



FFP2

Product code 8763200

uvex silv-Air c 3200

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

	uvex silv-Air c 3200
Product code	8763200
Version	FFP2 NR D folding mask without valve
Colour	white
Order quantity	30 PC
Content	30 PC, individually packed in box



FFP2

Product code 8763210

uvex silv-Air c 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 c 3210
Product code	8763210
Version	FFP2 NR D folding mask with valve
Colour	white
Order quantity	15 PC
Content	15 PC, individually packed in box



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 2210
Product code	8762200
Version	FFP2 NR D preformed mask with valve
Colour	white
Order quantity	20 PC
Content	20 PC, packed in box



FFP2

CO_2

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 2220
Product code	8762210
Version	FFP2 NR D preformed mask valve & carbon
Colour	silver
Order quantity	15 PC
Content	15 PC, packed in box

CO_2 footprint:
0.19 kg CO_2e 05/2026 (8762210)

uvex silv-Air c

Protection class FFP1 filtering face masks // **APF 4**



Product code 8763100

FFP1

uvex silv-Air c 3100

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

uvex silv-Air c 3100	
Product code	8763100
Version	FFP1 NR D folding mask without valve
Colour	white
Order quantity	30 PC
Content	30 PC, individually packed in box



Product code 8763110

FFP1

uvex silv-Air c 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 c 3110	
Product code	8763110
Version	FFP1 NR D folding mask with valve
Colour	white
Order quantity	15 PC
Content	15 PC, individually packed in box



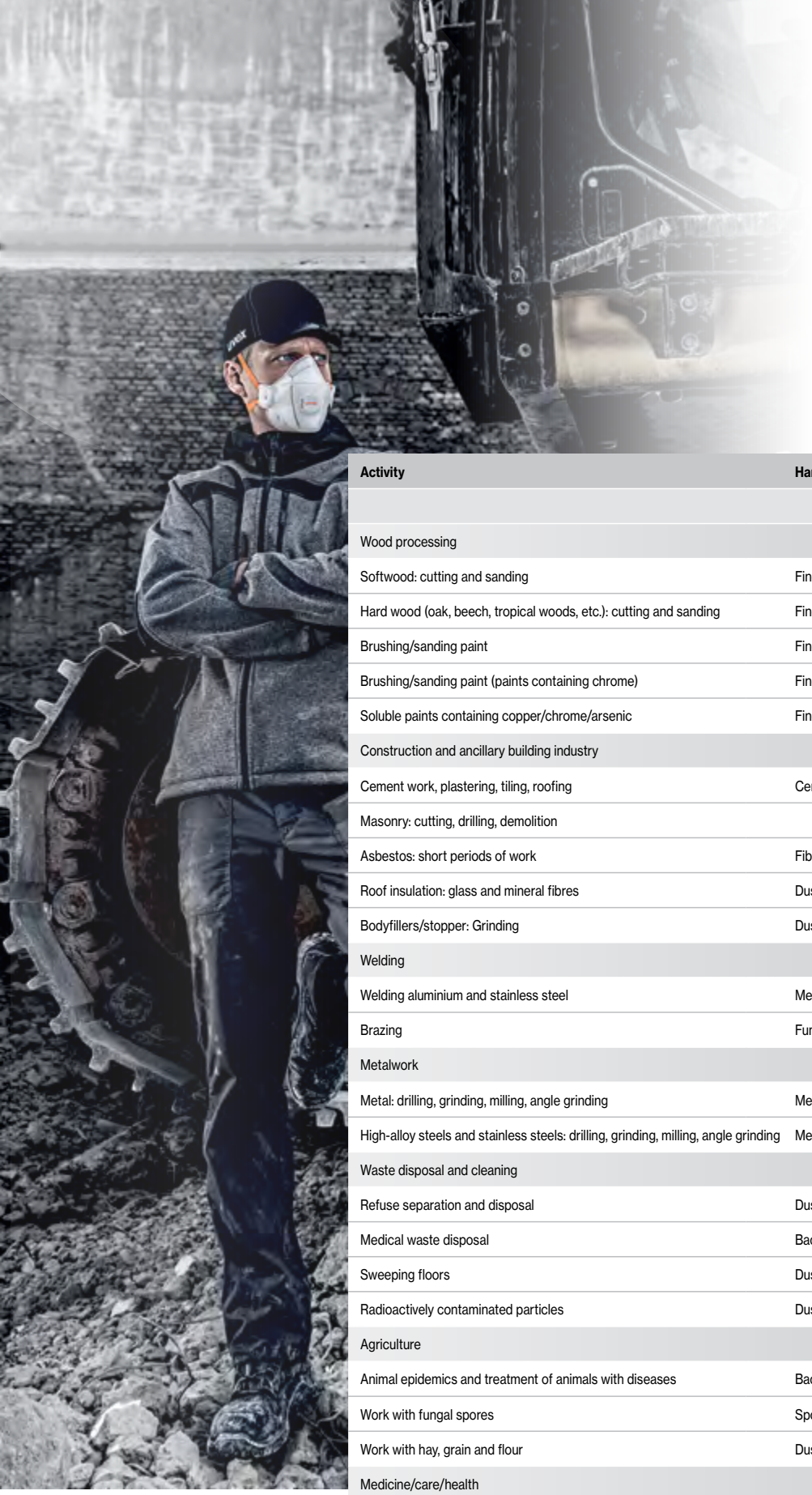
Product code 8762100

FFP1

uvex silv-Air c 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 c 2100	
Product code	8762100
Version	FFP1 NR D preformed mask without valve
Colour	white
Order quantity	20 PC
Content	20 PC, packed in box



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!

uvex

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

Tel: 01252 731200
info@uvex-safety.ie
uvex-safety.ie

uvex RPE brochure - 08102026

protecting people