ALPHA SENTINEL

Full Face Mask Datasheet



Alpha Sentinel Full Face Masks are ergonomically designed for optimum protection, comfort and PPE compatibility.



FEATURES AND BENEFITS

- The five-point adjustable head harness removes the feeling of a downward pull, ensuring a balanced, comfortable fit.
- Well-balanced, lightweight (600g).
- Available in three sizes for a more tailored fit, increasing respirator/fit factor.
- Raised visor bridge profile protects the visor from scratches when not in use.
- Visor and filter position provides panoramic field of view without any obstructions.
- Low profile shape provides exceptional compatibility with other PPE.
- The Alpha Sentinel filters are fitted with a simple connection which easily clicks into position.
- The large exhalation valve reduces heat and moisture build-up, providing low breathing resistance.
- Easily cleaned and maintained, with spare parts available.
- Tested to EN136:1998 Class 2, ensuring greater robustness and higher flame retardancy.
- Supplied with user seal check covers, which double as particulate filter holder for combination filter.
- Optical insert available.
- Quantitative face fit adapter available.
- The harness is designed to prevent over-rotation and tangling.

MATERIAL

FACE-PIECE:	**TPE**
FRONT COVER:	**ABS**
HEAD HARNESS:	**EPDM RUBBER**
HARNESS BUCKLE:	**NYLON**
EXHALATION VALVE:	**SILICONE**
INHALATION VALVE:	**SILICONE**
VISOR:	**POLYCARBONATE**
BEZEL:	**PTB**
EXHALATION COVER:	**ABS**
TEST COVER:	**POLYPROPYLENE**

MAINTENANCE

WARNING: Replace all damaged parts immediately to ensure correct level of protection

- This should be regularly checked and serviced by a trained specialist.
- Inspection and service records must be maintained for each mask.
- Genuine or original manufacturer parts should only be used.
- Changes to the product or its components are not permitted and will result in loss of approval.
- To replace the exhalation valve, access the exhalation valve cavity by sliding the exhale valve cover downwards. Remove the orange exhale valve and replace it with a new part. Refit exhale cover.
- To replace inhale valves, remove both flat orange inhalation valves from the inside of the mask and refit new parts, ensuring they are correctly seated and flat.
- To avoid confusion, the exhalation valve is stepped and larger than the two flat inhalation valves.
- Carry out a leak tightness test.

ORDERING INFORMATION

SMALL	**ASRAS0002BD**
MEDIUM:	**ASRAS0002BF**
LARGE:	**ASRAS0002BH**

CERTIFICATION

EN136:1998 CL2

UK CA CE

MANUFACTURED IN THE UK

DESIGNED & MADE IN THE UK

ALPHA SENTINEL

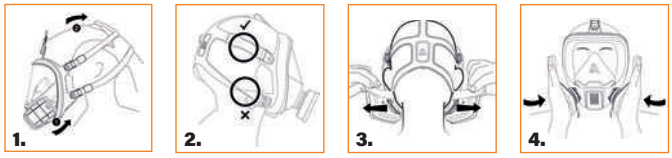
Full Mask Selection and Fitting Instructions



DONNING

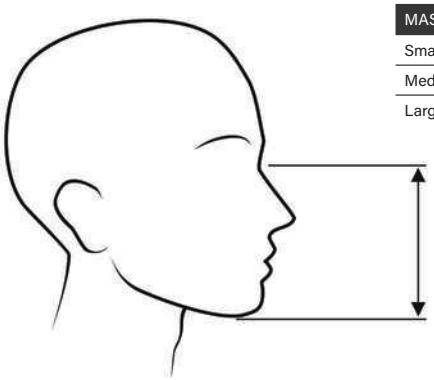
WARNING: In order to guarantee a fit for those wearing corrective spectacles, the Alpha Solway Spectacle kit must be fitted, as normal glasses cannot be worn under the mask.

1. Select the appropriately-sized mask [see size guide].
2. Slacken the head harness straps. Move the head harness upwards and spread with both hands, place your chin in the face-piece and pull the head harness over your head [see Diagram 1].
3. Ensure head harness is sitting correctly and not twisted [see Diagram 2].
4. Tension the straps in pairs by pulling the free strap ends towards the rear of the head [see Diagram 3].
5. Adjust the fit of the mask on your face so that it fits firmly but comfortably.
6. Perform a user seal check and readjust if required [see Diagram 4].



SIZE GUIDE

Select the appropriately-sized mask by measuring the distance between the top of the nose and the chin.



MASK SIZE	RECOMMENDED
Small	<120mm
Medium	109-131mm
Large	>120mm

In depth mask sizing instructions available upon request.

WARNING: A fit check must be successfully completed each time the respirator is worn. Failure to achieve a face-to-respirator seal before you enter a hazardous atmosphere may result in little or no respiratory protection.

SUITABLE APPLICATIONS

FILTER	TYPE OF FILTER	STANDARD	APF**	HAZARD	INDUSTRY	
ASRAS0003BF	P3 filters - Standard Size	EN 143:2000 + A1 2006 P3 R	20xWEL* HALF MASK 40xWEL* FULL FACE MASK	Protects from non-toxic dusts and oil/water-based particulates	Agriculture Laboratory and Disease Control Pharmaceutical Industry Welding work Woodworking Underground Civil Engineering	Mining Manufacture of Batteries (Ni-Cad) Disposal of Toxic Waste Cutting and Casting of Metals Craft work Construction
ASRAS0003BH	P3 filters - High Capacity	EN 143:2000 + A1 2006 P3 R	20xWEL* HALF MASK 40xWEL* FULL FACE MASK			
ASRAS0005BZ	A1 filters	EN 14387:2021	10xWEL* HALF MASK 20xWEL* FULL FACE MASK	Protects from organic vapours	Paint and Varnish Manufacture Welding Agriculture Transportation	Automotive Ink & Dye Manufacture Aerospace Petrochemical refining
ASRAS0006BZ	A2 filters	EN 14387:2021	10xWEL* HALF MASK 20xWEL* FULL FACE MASK			
ASRAS0007BZ	ABEK1 filters	EN 14387:2021	10xWEL* HALF MASK 20xWEL* FULL FACE MASK	Protects from organic vapours, Inorganic, acid gases, ammonia and ammoniacal derivatives	All of the above plus: Electrolytic processes	Acid Cleaning Refrigeration
ASRAS0004BZ	P3P filters	EN 14387:2021	Combine with any gas and vapour – see above for assigned protection			

* WEL – Workplace Exposure Limit, **Assigned Protection Factor (HSG53 HSE Guide) (HSE EH40 Workplace Exposure Limits)

CERTIFICATION

Authorised Representative [EU]: Globus EMEA Ltd., 51 Dawson Street, Dublin, D02 AN25, Ireland. Product conforms to the requirement of: UK Regulation 2016/425 on PPE, brought into UK Law and amended & Regulation (EU) 2016/425 of the European Parliament and of the Council as Personal Protective Equipment (PPE).

Type-Examination, (Module B), Certificates issued by: UK - CCQS UK Ltd., Level 2, 5 Harbour Exchange Square, London, E14 9GE, UK. [A.B. No. **1105**]. **EU** - CCQS Certification Services Ltd., Block 1 Blanchardstown Corporate Park, Ballycoolin Road, Blanchardstown, Dublin D155 AKK1, Ireland. [N.B. No. **2834**].

PPE is subject to the conformity assessment procedure, conformity to type based on Quality Assurance of the production process, (Module D), under the surveillance of the Approved/Notified Body(-ies): UK - SGS UK Ltd., Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN, UK. [A.B. No. **0120**]. **EU** - SGS Fimko Oy, Takomtie 8, FI-00380, Helsinki, Finland. [N.B. No. **0598**].