# NTINEL

# **FILTERS**

# SENTINEL FILTERS

The Sentinel filter range offers protection against hazardous gas, vapour and particulates within a wide variety of industries. Fully compatible with the Sentinel Full Face and Half Mask, the ergonomic filters offer incredibly low breathing resistance with optimised volume when fitted.

# **FEATURES & BENEFITS**

- Gas filters are snowstorm filled to optimise space and volume, resulting in a smaller light weight casing that limits obstruction of view when fitted
- Particulate P3S & P3H contain pleated filter media, providing more surface area for reduced breathing resistance
- Sentinel filters are fitted with a simple connection which easily click into position
- Less than 115g, all filter combinations are light weight and can be used on both Full Face and Half Mask
- The P3P Filter is tested to 'R', allowing the use for more than one shift



Filter: ABFK1









Filter: A1

Filter: A2

Filter: P3 H

Filter: P3 S



# **FILTER SELECTION**

FILTER TYPE	COLOUR DESIGNATION	MAIN AREA OF APPLICATION
P3 R	White	Particle "R" marking means that the particle filters are suitable for reuse against aerosols (Several Work Shifts)
Α	Brown	Organic gases and vapours with boiling point >65°C
В	Grey	Inorganic gases and vapours
E	Yellow	Sulphur Dioxide and other acidic gases and vapours
K	Green	Ammonia and organic Ammonia derivatives

### **DURATION OF USE**

The duration of use of a filter depends on its load, e.g. type and concentration of contaminant, the wearer's breathing rate and other factors. A greater load will reduce the duration of use.

# **GAS FILTERS**

The presence of odour, taste and/or irritation indicates that the gas filter no longer works and must be replaced (no later than 6 months after the original packaging has been opened).

### **PARTICULATE FILTERS**

Particulate and combined filters must be replaced at the latest when the breathing resistance becomes too high.

# **CERTIFICATION**

EN 143:2000 + A1:2006 UK C



# ORDERING INFORMATION

P3S: ASRAS0003BF A1: ASRAS0005BZ РЗН: ASRAS0003BH ASRAS0006BZ A2: ASRAS0004BZ ABEK1: ASRAS0007BZ P3P:

# **MATERIAL**

PARTICULATE FILTER (P3S, P3H): **FIBREGLASS** 

PARTICULATE FILTER CASE (P3S, P3H): ABS

P3 P FILTER: POLYPROPYLENE **GAS FILTER:** ACTIVATED CARBON

**GAS FILTER CASE:** ABS





## FITTING INSTRUCTIONS

# Attaching filters to mask

- Check the integrity of the mask connector (seal on the full face mask or mask surface on the, half mask); if worn away
  or damaged, replace the seal/mask as appropriate.
- Push the filter onto the mask connector, with the tabs on the filter connector aligning with the respective tabs on the filter body [See Diagram 1].
- 3. Rotate the filter clockwise until the filter clicks into place [See Diagram 2].
- 4. Make sure the filter is correctly seated [see Diagram 3 and 4].

### **Combination filters**

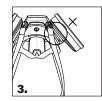
- To assemble combination gas, vapour and particulate filters, insert the particulate P3-P filter into the filter retaining cover as shown, marking should be visible once fitted to the filter. [See Diagram 5].
- 2. Push the gas filter body into the retaining cover, ensuring a correct fit. Ensure all retaining cover clips are firmly in place on the gas filter. [See Diagram 6].
- 3. Assemble the filter body onto the mask as described in these instructions as normal [See Diagram 7].

# Removing the filters from the mask

- 1. Rotate the filter anticlockwise until loose
- 2. Lift the filter away from the mask















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 & ammoniacal derivatives	All of the above plus: Electrolytic processes	Acid Cleaning Refrigeration		
ASRAS0004BZ	P3P Filters	EN 14387:2021	Combine with any gas & vapor filter - see above for assigned protection					

<sup>\*</sup> 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].

