

Product leaflet

Product
Gas filter ABEK1

Model No.
SR 297

Ordering No.
H02-5312

Product Description

Gas filter SR 297, Class 1, is designed for use together with Sundström half masks and full face masks. The filter is of type ABEK and provides protection against the following types of gases and vapours:

Type A protects against organic gases and vapours, such as solvents, with boiling points > +65 °C.

Type B protects against inorganic gases and vapours, such as chlorine, hydrogen sulphide and hydrogen cyanide.

Type E protects against acidic gases and vapours, such as sulphur dioxide and hydrogen fluoride.

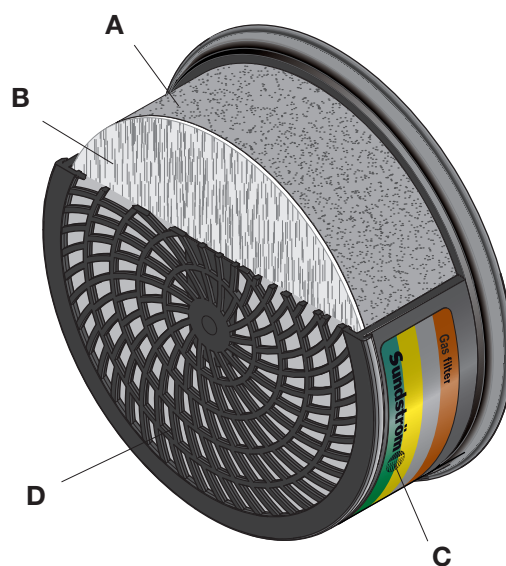
Type K protects against ammonia and certain amines, such as ethylene diamine.

The gas filter can easily be combined with particle filter SR 510 P3 R in order to obtain protection also against aerosols (particles), e.g. during spray painting.

Technical specification

	SR 297 ABEK1	EN 14387:2004 + A1:2008
Pressure drop at 30 l/min	≈ 85 Pa	≤ 100 Pa
Diameter/height	106/36 mm	-
Weight	≈ 160 g	≤ 300 g
Service temperature	-10 – +55 °C, < 90 % RH	
Storage temperature	-20 – +40 °C, < 90 % RH	
Resistance time		
A1, Cyclohexane C ₆ H ₁₂ , 1,000 ppm	> 110 min	≥ 70 min
B1, Chlorine Cl ₂ , 1,000 ppm	> 30 min	≥ 20 min
B1, Hydrogen Sulphide H ₂ S, 1,000 ppm	> 60 min	≥ 40 min
B1, Hydrogen Cyanide HCN, 1,000 ppm	> 40 min	≥ 25 min
E1, Sulphur Dioxide SO ₂ , 1,000 ppm	> 25 min	≥ 20 min
K1, Ammonia NH ₃ , 1,000 ppm	> 65 min	≥ 50 min
Approval	EN 14387:2004 + A1:2008	

- A. Activated carbon
- B. Filter disc
- C. Marking label
- D. Filter case



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