

Product leaflet

Product

Gas filter ABEK1

Designation

SR 297

Ordering No.

H02-5312

Product description

Gas filter 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 $>+65^{\circ}\text{C}$.

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.

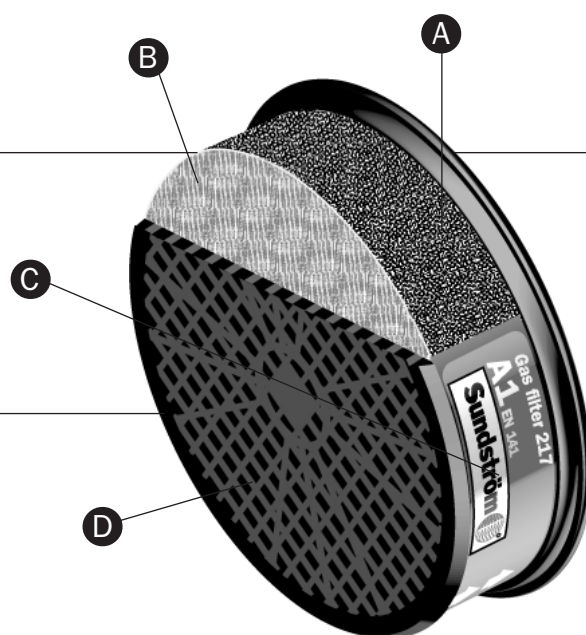
The gas filter can easily be combined with particle filter 210/310 P3 in order to obtain protection also against aerosols (particles), e.g. during spray painting.

Technical specification

	SR 297 ABEK1	EN 141:1990
Pressure drop at 30 l/min	70 Pa	100 Pa
Diameter / height	106 / 36 mm	-
Weight	160 g	300 g
Resistance time		
A1, Cyclohexane C_6H_{12} , 1,000 ppm	110 min	70 min
B1, Chlorine Cl_2 , 1,000 ppm	>30 min*	20 min
B1, Hydrogen Sulphide H_2S , 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

* Test interrupted. No breakthrough could be monitored.

- A. Activated carbon**
- B. Filter disc**
- C. Marking label with use-by date**
- D. Filter case**



Approved as per EN 141:1990.
Notified Body INSPEC Certification Services (0194).

This product is manufactured within a quality management system (ISO 9001), which is accepted by INSPEC Certification Services.

Product range and specifications are subjected to changes.

Sundström 

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