

Product leaflet

Product	Designation	Ordering No.
Gas filter A2	SR 518	H02-7012
Gas filter ABE1	SR 515	H02-7112
Gas filter A1BE2K1	SR 597	H02-7212

Product description

The SR 518 A2, SR 515 ABE1 and SR 597 A1BE2K1 gas filters are intended for use in the SR 500 fan. Depending on the filter type, they protect against the following gases/vapours:

Type A protects against organic gases and vapours, such as solvents, with boiling points in excess of +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 SR 500 fan unit must always be used with two particle filters or two combined filters consisting of gas filters and particle filters.

Technical specification

	SR 518 A2	SR 515 ABE1	SR 597 A1BE2K1	EN 12941:1998 EN 12941:1998
Diameter/height	138/57 mm	138/57 mm	138/65 mm	–
Weight	285 g	300 g	400 g	–
Resistance times: ¹⁾				
Temperature range, in service	-10 °C to +55 °C, <90 % RH			–
Temperature range, in storage	-20 °C to + 55 °C, <90 % RH			–
A1, Cyclohexane, C₆H₁₂, 500 ppm	–	>75 min.*	> 80 min.*	>70 min
A2, Cyclohexane, C₆H₁₂, 1,000 ppm	> 75 min.	–	–	>70 min
B1, Chlorine, Cl₂, 500 ppm	–	> 30 min.*	–	>20 min
B1, Hydrogen sulphide, H₂S, 500 ppm	–	> 60 min.*	–	>40 min
B1, Hydrogen cyanide, HCN, 500 ppm	–	> 40 min.	–	>25 min
B2, Chlorine, Cl₂, 1,000 ppm	–	–	> 30 min.*	>20 min
B2, Hydrogen sulphide, H₂S, 1,000 ppm	–	–	> 60 min. *	>40 min
B2, Hydrogen cyanide, HCN, 1,000 ppm	–	–	35 min.	>25 min
E1, Sulphur dioxide, SO₂, 500 ppm	–	> 30 min.*	–	>20 min
E2, Sulphur dioxide, SO₂, 1,000 ppm	–	–	> 30 min.*	>20 min
K1, Ammonia, NH₃, 500 ppm	–	–	> 75 min.*	>50 min

¹⁾ Measured by the accredited test laboratory INSPEC Testing Services.

*Test interrupted. No breakthrough could be monitored.

Approved in accordance with EN 12941:1998 and EN 12942:1998.

The inspection body is INSPEC Certification Services, 0194.

The product is manufactured within an ISO 9001 quality assurance system, which is approved by INSPEC Certification Services.

Specifications and range are subject to change without prior notice.



Sundström Safety AB • Tel. +46 8 562 370 00 • Fax. +46 8 562 370 60
www.srsafety.se