

DATA SHEET

Sundström SR 597 threaded gas filter A1BE2K1



for Sundström Powered Air-Purifying Respirators

Updated: 11 Apr 2011

Description:	Threaded gas filter class A1BE2K1 for Sundström PAPRs SR500 and SR500ex		
Product name:	SR597		
Use:	<ul style="list-style-type: none"> • A1 part is used against organic gas and vapour, such as solvents, whose boiling point is greater than +65°C • B2 part is used against inorganic gas and vapour, such as chlorine, hydrogen sulphide and hydrogen cyanide • E2 part is used against acid gas and vapour, such as sulphure dioxide and hydrogen fluoride • K1 part is used against ammonia and certain amines, such as ethylene diamine 		
Material:	Plastic polypropylene. No metal parts		
Weight:	400 g (14.1 oz)		
Dimensions:	Largest diameter: 138 mm (5.4") Greatest thickness: 65 mm (2.56")		
Thread:	44 x 1/7"		
Breakthrough time:	A1	Cyclohexane C ₆ H ₁₂	500 ppm >80 min
	B2	Chlorine Cl ₂	1,000 ppm >30 min
	B2	Hydrogen sulphide H ₂ S	1,000 ppm >60 min
	B2	Hydrogen cyanide HCN	1,000 ppm >35 min
	E1	Sulphur dioxide SO ₂	1,000 ppm >30 min
	K1	NH ₃	500 ppm >75 min
Storage:	-20°C — +40°C, <90% RH		
Work environment:	-10°C — +55°C, <90% RH		