

Data Sheet: Sundström SR597



Organic + inorganic + acid gas + ammonia filter A1B2E2K1 — threaded

Description

Organic, inorganic, acid gas, ammonia filter class ABEK1 (regular capacity) for use with Sundström PAPRs SR500 and SR500ex.

Material

Plastic polypropylene. No metal parts.

Usage

- 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

Size

- Largest diameter: 108 mm
- Thickness: 65 mm

Weight

400 g

Thread

44 x 1/7".

Adsorption capacity

Test gas	Conc. (PPM)	B'through (min)
A1: Cyclohexane	500	>80
B2: Chlorine	1,000	>30
B2: Hydrogen sulphide	1,000	>60
B2: Hydrogen cyanide	1,000	>35
E2: Sulphur dioxide	1,000	>30
K1: Ammonia	500	>75

Temperature range

- Storage: -20°C to $+40^{\circ}\text{C}$ at $<90\%$ RH
- Use: -20°C to $+40^{\circ}\text{C}$ at $<90\%$ RH

Storage

Store at room temperature in clean, dry place. If seal has been broken, store away from contaminants in an air-tight container. Shelf life is 5 years if seal is unbroken.

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