

Data Sheet: Sundström SR299-2



Organic + inorganic + acid gas + ammonia + mercury + particles filter ABEK1HgP3

Description

Organic gas/inorganic gas/acid gas/ammonia/mercury/particle filter class ABEK1HgP3 (regular capacity).

Material

Plastic polypropylene. No metal parts.

Usage

Type	Protection
A	Organic gases and vapours, such as solvents, with boiling points above +65°C.
B	Inorganic gases and vapours, such as chlorine, hydrogen sulphide, hydrogen cyanide.
E	Acid gases and vapours, such as sulphur dioxide, hydrogen fluoride.
K	Ammonia and certain amines, such as ethylene diamine
Hg	Mercury vapour. NOTE: max use 50 hours.
P	All types of wet and dry particles, such as dust, mist, smoke, fume, bacteria, viruses, mould, fibre

Size

- Largest diameter: 106 mm
- Thickness: 53 mm

Weight

200 g

Carbon

The filter contains 145 g of activated carbon.

Adsorption capacity

Test gas	Conc. (PPM)	B'through (min)
A1: Cyclohexane	1,000	95
B1: Chlorine	1,000	120
B1: Hydrogen sulphide	1,000	>120 (test stopped - no breakthrough)
B1: Hydrogen cyanide	1,000	50
E: Sulphur dioxide	1,000	45
K: Ammonia	1,000	105
Hg: Mercury vapour	13 mg/m ³	>200 hours (test stopped - no breakthrough)

Pressure drop

At 30 l/min: 140 Pa (standards requirement: <220 Pa)

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 3 years if seal is unbroken. Expiry date printed on filter.

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