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# Data Sheet: Sundström SR315

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## Organic + inorganic + acid gas filter ABE1

### Description

Organic, inorganic, acid gas filter class ABE1 (regular capacity).

### Material

Plastic polypropylene. No metal parts.

### Usage

Used against vapour from organic gases whose boiling point exceeds +65°C (150F), for inorganic gas, and for acid gas and vapour

### Size

- Largest diameter: 106 mm
- Thickness: 28 mm

### Weight

125 g

### Carbon

The filter contains 78 g of activated carbon.

### Adsorption capacity

Test gas	Conc. (PPM)	B'through (min)
Carbon tetrachloride	1,000	95–100
Chlorine	1,000	25–30
Hydrogen sulphide	1,000	60
Hydrogen cyanide	1,000	40
Sulphur dioxide	1,000	40

### Pressure drop

- At 30 l/min: 45–50 Pa (standards requirement: <100 Pa)
- At 95 l/min: 200 – 220 Pa (standards requirement: <400 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 5 years if seal is unbroken. Expiry date printed on filter.

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