

# Data Sheet: Sundström SR297



## Organic + inorganic + acid gas + ammonia filter ABEK1

**Description** Organic, inorganic, acid gas, ammonia filter class ABEK1 (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, for acid gas and vapour, and for ammonia.

**Size**  
 — Largest diameter: 106 mm  
 — Thickness: 36 mm

**Weight** 162 g

**Carbon** The filter contains 125 g of activated carbon.

Adsorption capacity	Test gas	Conc. (PPM)	B'through (min)
	Carbon tetrachloride	1,000	90–100
	Chlorine	1,000	40–50
	Hydrogen sulphide	1,000	100
	Hydrogen cyanide	1,000	55–60
	Sulphur dioxide	1,000	40
	Ammonia	1,000	60–70

**Pressure drop**  
 — At 30 l/min: 70–80 Pa (standards requirement: <100 Pa)  
 — At 95 l/min: 270–300 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.