

Data Sheet: Sundström SR315



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	<ul style="list-style-type: none"> — Largest diameter: 106 mm — Thickness: 28 mm 																		
Weight	125 g																		
Carbon	The filter contains 78 g of activated carbon.																		
Adsorption capacity	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Test gas</th> <th style="text-align: left;">Conc. (PPM)</th> <th style="text-align: left;">B'through (min)</th> </tr> </thead> <tbody> <tr> <td>Carbon tetrachloride</td> <td>1,000</td> <td>95–100</td> </tr> <tr> <td>Chlorine</td> <td>1,000</td> <td>25–30</td> </tr> <tr> <td>Hydrogen sulphide</td> <td>1,000</td> <td>60</td> </tr> <tr> <td>Hydrogen cyanide</td> <td>1,000</td> <td>40</td> </tr> <tr> <td>Sulphur dioxide</td> <td>1,000</td> <td>40</td> </tr> </tbody> </table>	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
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	<ul style="list-style-type: none"> — 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.																		