

Technical Data Sheet



Description

Description	93 AB/St
Part Number	10097993
Marking according to EN	A2, B2 - P3
Conditions of use	- organic gases and vapors with a boiling point > 65° C - inorganic gases and vapors, e.g. chlorine, hydrogen sulfide, hydrogen cyanide - particles
Colour code	brown grey white



Labels



Characteristics

Weight [g]	270
Diameter [mm]	107
Height incl. thread [mm]	78
Connection	EN 148 - 1

Breathing Resistance

at	EN 14387 requirements	Typical values
30 l / min	2,60 mbar	1,40 mbar
95 l / min	9,80 mbar	5,50 mbar

Concentration of Testing Gases

Class 1	1000 ppm [0,1 Vol.-%]
Class 2	5000 ppm [0,5 Vol.-%]

Performances

Filter type and class	Gases of reference	EN 14387 requirements	Typical values
A2	cyclohexane [C ₆ H ₁₂]	35 min	60 min
B2	chlorine [Cl ₂]	20 min	40 min
	hydrogen sulfide [H ₂ S]	40 min	60 min
	hydrocyanic acid [HCN]	25 min	45 min
Filter type and class	Particles of reference	EN 143 requirements	Typical values
P3	sodium chloride [NaCl]	0,05%	< 0,01%
	paraffin oil	0,05%	< 0,01%
R	Reusable according to EN 143:2000/A1:2006		
D	Dolomite clogging test & marking according to EN 143:2000/A1:2006 and EN 14387		

Material

Housing	aluminium
Cover (particle filter)	polypropylene
Filtering material	filtering paper / impregnated activated carbon

Details/Special Information

Storage conditions & time	- 5 °C to + 50°C, < 90 % r. h. 6,0 years
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