Technical Data Sheet

Description

Description	92 ABEK2/St
Part Number	10097996
Marking according to EN	A2, B2, E2, K2 - P2
Conditions of use	• organic gases and vapors with a boiling point > 65° C • inorganic gases and vapors, e.g. chlorine, hydrogen sulfide, hydrogen cyanide • sulfur dioxide, hydrogen chloride and other acid gases • ammonia and organic ammonia derivatives • particles

Colour code

brown
grey
yellow
green

labels

Characteristics

Weight [g]	350
Diameter [mm]	107
Height incl. thread [mm]	88
Connection	EN 148 - 1

Breathing Resistance

	at	EN 14387 requirements	Typical values
	30 l / min	2,1 mbar	1,70 mbar
	95 l / min	8,0 mbar	6,50 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	
A2	cyclohexane [C_6H_{12}]	35 min	60 min
B2	chlorine [Cl_2]	20 min	55 min
	hydrogen sulfide [H_2S]	40 min	65 min
	hydrocyanic acid [HCN]	25 min	60 min
E2	sulfur dioxide [SO_2]	20 min	33 min
K2	ammonia [NH_3]	40 min	55 min
Filter type and class	Particles of reference	EN 143 requirements	Typical values
P2	sodium chloride [NaCl]	6.00%	< 0,50 %
	paraffin oil	6.00%	< 0,50%
R	Reusable according 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 years