

Technical Data Sheet

Description

Description	90 ABEK 2
Part Number	10098112
Marking according to EN	A2, B2, E2, K2
Conditions of use	<ul style="list-style-type: none"> 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



Colour code



Labels



Characteristics

Weight [g]	290
Diameter [mm]	107
Height incl. thread [mm]	75
Connection	EN 148 - 1

Breathing Resistance

at	EN 14387 requirements	Typical values
30 l / min	1,40 mbar	1,20 mbar
95 l / min	5,60 mbar	4,80 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	60 min
	hydrogen sulfide [H ₂ S]	40 min	100 min
	hydrocyanic acid [HCN]	25 min	65 min
E2	sulfur dioxide [SO ₂]	20 min	35 min
K2	ammonia [NH ₃]	40 min	50 min

Material

Housing	aluminium
Filtering material	impregnated activated carbon

Details/Special Information

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