




Technical Data Sheet

Description

Description	90 ABEK	
Part Number	10098114	
Marking according to EN	A2, B2, E2, K1	
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		
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label			
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Characteristics

Weight [g]	255
Diameter [mm]	107
Height incl. thread [mm]	70
Connection	EN 148 - 1

Breathing Resistance

	at	EN 14387 requirements	Typical values
	30 l / min	1,40 mbar	1,0 mbar
	95 l / min	5,60 mbar	4,20 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	55 min
B2	chlorine [Cl ₂]	20 min	45 min
	hydrogen sulfide [H ₂ S]	40 min	70 min
	hydrocyanic acid [HCN]	25 min	45 min
E2	sulfur dioxide [SO ₂]	20 min	25 min
K1	ammonia [NH ₃]	50 min	90 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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