

Technical Data Sheet MSA The Safety Company	
Description	
Description	90 AB
Part Number	10098113
Marking according to EN	A2, B2
Conditions of use	- organic gases and vapors with a boiling point > 65° C - inorganic gases and vapors, e.g. chlorine, hydrogen sulfide, hydrogen cyanide
Colour code	brown grey
Labels	 
Characteristics	
Weight [g]	230
Diameter [mm]	107
Height incl. thread [mm]	70
Connection	EN 148 - 1
Breathing Resistance	
	at
	30 l / min
	95 l / min
	EN 14387 requirements
	Typical values
	1,40 mbar
	5,60 mbar
	0,65 mbar
	2,95 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
A2	cyclohexane [C ₆ H ₁₂]
B2	chlorine [Cl ₂]
	hydrogen sulfide [H ₂ S]
	hydrocyanic acid [HCN]
	EN 14387 requirements
	Typical values
	35 min
	20 min
	40 min
	25 min
	65 min
	45 min
	75 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