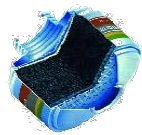
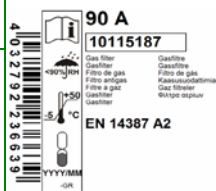
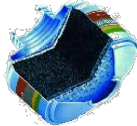
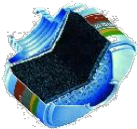
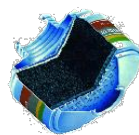
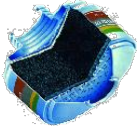


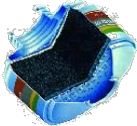
			
Technical Data Sheet			
Description			
Description	90 A		
Part Number	10115187		
Marking according to EN	A2		
Conditions of use	organic gases and vapors with a boiling point > 65° C		
Colour code			
Labels			
Characteristics			
Weight [g]	210		
Diameter [mm]	107		
Height incl. thread [mm]	70		
Connection	EN 148 - 1		
Breathing Resistance			
	at	EN 14387 requirements	Typical values
	30 l / min	1,40 mbar	0,50 mbar
	95 l / min	5,60 mbar	2,10 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	70 min
Material			
Housing	aluminium		
Filtering material	unimpregnated activated carbon		
Details/Special Information			
Storage conditions & time	- 5 °C to + 50°C, < 90 % r. h. 6,0 years		

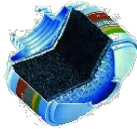
		MSA The Safety Company	
Technical Data Sheet			
Description			
Description	90 AB		
Part Number	10098113		
Marking according to EN	A2, B2		
Conditions of use	• organic gases and vapors with a boiling point > 65° C • inorganic gases and vapors, e.g. chlorine, hydrogen sulfide, hydrogen cyanide		
Colour code	brown grey	90 AB 10098113  EN 14387 A2 B2 CE 0121	
Labels	90 AB EN 14387 A2 B2 ГОСТ Р 12.4.193-99 A2 B2 ДСТУ EN 14387:2006 A2 B2 CE 0121 YYYY/MM		
Characteristics			
Weight [g]	230		
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	0,65 mbar
	95 l / min	5,60 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	EN 14387 requirements	Typical values
A2	cyclohexane [C ₆ H ₁₂]	35 min	65 min
B2	chlorine [Cl ₂]	20 min	45 min
	hydrogen sulfide [H ₂ S]	40 min	75 min
	hydrocyanic acid [HCN]	25 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		

		MSA The Safety Company	
Technical Data Sheet			
Description			
Description	90 E		
Part Number	10115349		
Marking according to EN	E2		
Conditions of use	• sulfur dioxide, hydrogen chloride and other acid gases		
Colour code	yellow		90 E 10115349

MSA The Safety Company			
Technical Data Sheet			
Description			
Description	90 K		
Part Number	10115320		
Marking according to EN	K2		
Conditions of use	• ammonia and organic ammonia derivatives		
Colour code	green		
labels			
CE 0121			
Characteristics			
Weight [g]	< 300 g		
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	0,45 mbar
	95 l / min	5,60 mbar	2,05 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
K2	ammonia [NH ₃]	40 min	75 min
Material			
Housing	aluminium		
Filtering material	impregnated activated carbon		
Details/Special Information			
Storage conditions & time	- 5 °C to + 50°C, < 90 % r. h. 6,5 years		

		MSA The Safety Company	
Technical Data Sheet			
Description			
Description	90 ABEK		
Part Number	10098114		
Marking according to EN	A2, B2, E2, K1		
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		
Colour code	brown grey yellow green		
label			
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		

Technical Data Sheet		MSA The Safety Company	
Description			
Description	90 ABEK 2		
Part Number	10098112		
Marking according to EN	A2, B2, E2, K2		
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		
Colour code	brown grey yellow green	90 ABEK2 10098112 Gas filter Gazefilter Filtre de gaz Filtre de	

			MSA The Safety Company	
Technical Data Sheet				
Description				
Description		90 AX		
Part Number		10108408		
Marking according to EN		AX		
Conditions of use		• organic gases and vapors with a boiling point > 65° C • low-boiling organic compounds [boiling point ≤ 65° C] of groups 1 and 2		
Colour code		brown		90 AX 10108408 </