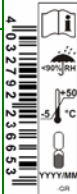


Technical Data Sheet		MSA The Safety Company	
Description			
Description	93 A/St		
Part Number	10115189		
Marking according to EN	A2 - P3		
Conditions of use	• organic gases and vapors with a boiling point > 65° C • particles		
Colour code	brown white	93 A/St 10115189 Combined filter Kombinationsfilter Filtre combinato Filtre combinato Yhdiskäytönsäädäntä Kombiina filter Бүлгэг нэмэгдүүл EN 14387 A2 - P3 R D 4032132109653  CE0121	
Labels			
Characteristics			
Weight [g]	260		
Diameter [mm]	107		
Height incl. thread [mm]	78		
Connection	EN 148 - 1		
Breathing Resistance			
	at	EN 14387 requirements	Typical values
	30 l / min	2,60 mbar	1,20 mbar
	95 l / min	9,80 mbar	4,60 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
Filter type and class	Particles of reference	EN 143 requirements	Typical values
P3	sodium chloride [NaCl]	0,05%	< 0,01%
	paraffin oil	0,05%	< 0,01%
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. 6,0 years		