

## Description

Description	95 ABEK NBC	
Part Number	10097201	
Marking according to EN	A2, B2, E2, K2, Hg - P3	
Conditions of use	<ul style="list-style-type: none"> <li>organic gases and vapors with a boiling point <math>\geq 65^\circ\text{C}</math></li> <li>inorganic gases and vapors, e.g. chlorine, hydrogen sulfide, hydrogen cyanide</li> <li>sulfur dioxide, hydrogen chloride and other acid gases</li> <li>ammonia and organic ammonia derivatives</li> <li>mercury</li> <li>chemical warfare agents and tear gases CN, CS )</li> <li>particles</li> </ul>	

Colour codes	<table border="1"> <tr><td>brown</td></tr> <tr><td>grey</td></tr> <tr><td>yellow</td></tr> <tr><td>green</td></tr> <tr><td>red</td></tr> <tr><td>white</td></tr> </table>	brown	grey	yellow	green	red	white	
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## Labels



## Characteristics

Weight [g]	350
Diameter [mm]	107
Height incl. thread [mm]	88
Connection	EN 148 - 1

## Breathing Resistance

at	EN 14387 requirements	Typical values
30 l / min	2,6 mbar	2,00 mbar
95 l / min	9,8 mbar	8,00 mbar

## Concentration of test gases - EN 14387

Class 2	5000 ppm [0,5 Vol.-%]
Hg	13 mg / m <sup>3</sup>
<b>- CWA</b>	
Sarin [GB]	1000 mg / m <sup>3</sup> (1,0 mg/l)
Chloropicrin [Ps]	5000 mg / m <sup>3</sup> (5,0 mg/l)
Hydrogen cyanide [HCN]	2000 mg / m <sup>3</sup> (2,0 mg/l)
2-Chloracetophenon [CN]	28 ppm
((2-Chlorphenyl)-methylene)malononitril [CS]	2,7 ppm to 12,4 ppm

## Performances

Filter type and class	Gases of reference	EN 14387 requirements **)	Typical values
A2	cyclohexane [C <sub>6</sub> H <sub>12</sub> ]	35 min	60 min
B2	chlorine [Cl <sub>2</sub> ]	20 min	55 min
	hydrogen sulfide [H <sub>2</sub> S]	40 min	65 min
	hydrocyanic acid [HCN]	25 min	60 min
E2	sulfur dioxide [SO <sub>2</sub> ]	20 min	33 min
K2	ammonia [NH <sub>3</sub> ]	40 min	55 min
Hg	mercury [vapor]	100 h	> 100 h <sup>1)</sup>
	HCN <sup>*)</sup>		> 60 min <sup>2)</sup>
	Sarin [GB] <sup>*)</sup>		> 50 min <sup>2)</sup>
	Chloropicrin [Ps] <sup>**)</sup>		> 150 min <sup>2)</sup>
	2-Chloracetophenon [CN] <sup>***)</sup>		> 360 min <sup>2)</sup>
	((2-Chlorphenyl)-methylene)malononitril [CS] <sup>****)</sup>		> 360 min <sup>2)</sup>

Test conditions:  
<sup>\*)</sup> 50 l/min at breathing machine  
<sup>\*\*)</sup> 30 l/min const. Flow  
<sup>\*\*\*)</sup> 64 l/min const. Flow

Filter type and class	Particles of reference	EN 143 requirements	Typical values
P3	sodium chloride [NaCl] paraffin oil	0,05% 0,05%	< 0,01% < 0,01%
R	Reusable according EN 143:2000/A1:2006		
D	Dolomite clogging test & marking according to EN 143:2000/A1:2006 and EN 14387:2008		

## Material

Housing	aluminium
Cover (particle filter)	polypropylene
Filtering material	filtering paper / impregnated activated carbon
Foil bag	polyethylene terephthalate / aluminium / polyethylene

## Details/Special Information

Storage conditions & time	- 5 °C to + 50°C, < 90 % r. h. 10,0 years
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- The maximum service time of the special filter against mercury is 50 h. This applies if no other hazardous agents has penetrated the filter earlier. The filter must always be replaced in case of penetration by a hazardous agent.
- The quoted values for NBC gases come from confidential test reports and are given here to indicate levels of performance only, not unconditional warranties under all possible operating conditions.

# Technical Data Sheet

## Description

Description	95 ABEK2 Hg/St schwarz
Part Number	10101162
Marking according to EN	A2, B2, E2, K2, Hg - P3
Conditions of use	<ul style="list-style-type: none"> <li>organic gases and vapors with a boiling point &gt; 65° C</li> <li>inorganic gases and vapors, e.g. chlorine, hydrogen sulfide, hydrogen cyanide</li> <li>sulfur dioxide, hydrogen chloride and other acid gases</li> <li>ammonia and organic ammonia derivatives</li> <li>mercury</li> <li>chemical warfare agents and tear gases CN, CS )</li> <li>particles</li> </ul>



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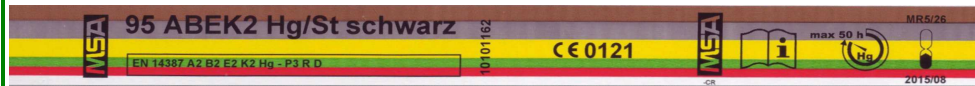
95 ABEK2 Hg/St schwarz  
10101162

Combined filter  
Kombinationsfilter  
Filtro combinado  
Filtro combinato  
Gecombined filter  
Kombinacev filter

Kombinierte Filtr  
Kombinate Filtr  
Filtro miaso  
Yhdistelmäsuodattima  
Kombine filter  
Фільтр поєднаний  
Kombinacev filter

EN 14387 A2 B2 E2 K2 Hg - P3 R D

## Labels



## Characteristics

Weight [g]	350
Diameter [mm]	107
Height incl. thread [mm]	88
Connection	EN 148 - 1

## Breathing Resistance

at	EN 14387 requirements	Typical values
30 l / min	2,6 mbar	2,00 mbar
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## Concentration of test gases

- EN 14387	
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	2-Chloracetophenon [CN] <sup>****)</sup>		> 360 min <sup>2)</sup>
	((2-Chlorphenyl)-metylen)malononitril [CS] <sup>****)</sup>		> 360 min <sup>2)</sup>

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