


# Filter Advantage 201 ABEK

## Technical Datasheet

Description							
Name	Advantage 201 ABEK						
Part Number	430373						
Marking according to EN	A2 B2 E1 K1						
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> </ul>						
Colour code	<table border="1"> <tr><td>brown</td></tr> <tr><td>grey</td></tr> <tr><td>yellow</td></tr> <tr><td>green</td></tr> </table>			brown	grey	yellow	green
brown							
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Characteristics							
Weight (g)	130-140						
Diameter (mm)	103 x 78						
Height incl. thread (mm)	45						
Connection	gas filter with bayonet for paired use						
Breathing Resistance							
		EN 14387 requirements	Typical values				
	at 15 l/min *	max. 140 Pa	85 Pa				
	at 47,5 l/min *	max. 560 Pa	300 Pa				
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 (C6H12)	35 min	40-50 min				
B2	Chlorine (Cl2)	20 min	30-40 min				
	Hydrogen sulfide (H2S)	40 min	> 80 min				
	Hydrocyanic acid (HCN)	25 min	40-70 min				
E1	Sulfur dioxide (SO2)	20 min	>70 min				
K1	Ammonia (NH3)	50 min	>100 min				
Material							
Housing	plastics						
Cover (particle filter)	plastics						
Filtering material	impregnated activated carbon						
Details/Special Information							
Storage conditions & time	Factory sealed	- 5 °C to + 50°C, < 90 % r. h.	5,0 years				
* Note: Test flow condition of EN 14387	<p>When one filter of a multiple filter device is tested separately, the air flow specified for a test shall be divided by the number of filters through which the air flow is proportioned.</p> <p>30 l/min : 2 filters = 15 l/min per filter            95 l/min : 2 filters = 47,5 l/min per filter</p> <p>The applicable performance requirements must be carried out at halved volume flow.</p>						