



## Technical Data Sheet

### Description

Description	Advantage Filter A2		
Part Number	430371		
Marking according to EN	A2		
Conditions of use	• organic gases and vapors with a boiling point > 65° C		
Colour code	 brown		

### Characteristics

Weight [g]	86		
Diameter [mm]	103 x 78		
Height incl. thread [mm]	39		
Connection	bajonet		

### Breathing Resistance

	at	EN 14387 requirements	Typical values
	30 l / min	1,40 mbar	0,5 mbar
	95 l / min	5,60 mbar	1,9 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 <sub>6</sub> H <sub>12</sub> ]	35 min	37 min

### Material


Housing	plastics		
Cover	plastics		
Filtering material	impregnated activated carbon		

### Details/Special Regulations

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## Technical Data Sheet

### Description

Description	Advantage Filter A2P3				
Part Number	430372				
Marking according to EN	A2 P3				
Conditions of use	<ul style="list-style-type: none"> <li>organic gases and vapors with a boiling point &gt; 65° C</li> <li>particles</li> </ul>				
Colour code	<table border="1"> <tr> <td style="background-color: #8B4513; color: white;">brown</td> </tr> <tr> <td>white</td> </tr> </table>			brown	white
brown					
white					

### Characteristics

Weight [g]	99
Diameter [mm]	103 x 78
Height incl. thread [mm]	53,5
Connection	bajonet

### Breathing Resistance

	at	EN 14387 requirements	Typical values
	30 l / min	2,6 mbar	2,1 mbar
	95 l / min	9,8 mbar	5,9 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 <sub>6</sub> H <sub>12</sub> ]	35 min	37 min
Filter type and class	Particles of reference	EN 143 requirements	Typical values
P3	sodium chlorid [NaCl]	0,05%	0,004%
	paraffin oil	0,01%	0,005%

### Material


Housing	plastics
Cover	plastics
Filtering material	impregnated activated carbon

### Details/Special Regulations

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## Technical Data Sheet

### Description

Description	Advantage Filter A2B2E1K1						
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
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### Characteristics

Weight [g]	136
Diameter [mm]	103 x 78
Height incl. thread [mm]	45
Connection	bajonet

### Breathing Resistance

	at	EN 14387 requirements	Typical values
	30 l / min	1,4 mbar	0,7 mbar
	95 l / min	5,6 mbar	2,6 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 <sub>6</sub> H <sub>12</sub> ]	35 min	45 min
B2	chlorine [Cl <sub>2</sub> ]	20 min	34 min
	hydrogen sulfide [H <sub>2</sub> S]	40 min	103 min
	hydrogen cyanide [HCN]	25 min	73 min
E1	sulfur dioxide [SO <sub>2</sub> ]	20 min	>120 min
K1	ammonia [NH <sub>3</sub> ]	50 min	>120 min

### Material


Housing	plastics
Cover	plastics
Filtering material	impregnated activated carbon

### Details/Special Regulations

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## Technical Data Sheet

### Description

Description	Advantage Filter A2B2E1K1P3 Combined Filter							
Part Number	430374							
Marking according to EN	A2 B2 E1 K1 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>particles</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> <tr><td>white</td></tr> </table>			brown	grey	yellow	green	white
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### Characteristics

Weight [g]	154
Diameter [mm]	103 x 78
Height incl. thread [mm]	59
Connection	bajonet

### Breathing Resistance

	at	EN 14387 requirements	Typical values
	30 l / min	2,6 mbar	1,3 mbar
	95 l / min	9,8 mbar	5,1 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 <sub>6</sub> H <sub>12</sub> ]	35 min	48 min
B2	chlorine [Cl <sub>2</sub> ]	20 min	33 min
	hydrogen sulfide [H <sub>2</sub> S]	40 min	103 min
	hydrogen cyanide [HCN]	25 min	73 min
E1	sulfur dioxide [SO <sub>2</sub> ]	20 min	>120 min
K1	ammonia [NH <sub>3</sub> ]	50 min	>120 min
Filter type and class	Particles of reference	EN 143 requirements	Typical values
P3	sodium chlorid [NaCl]	0,05%	0,003%
	paraffin oil	0,05%	0,006%

### Material

Housing	plastics
Cover	plastics
Filtering material	fiber glass paper / impregnated activated carbon

### Details/Special Regulations

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