



Filter Data Sheet			
Filter Description			
Description	A1 Tabtec Gasfilter		
Part Number	10030510		
Marking according to EN	A1		
Conditions of use	<ul style="list-style-type: none"> organic gases and vapors with a boiling point > 65° C 		
Color Code			
Filter Characteristics			
Weight [g]	70		
Diameter [mm]	104 x 77		
Height incl. thread [mm]	23		
Connection	bajonet		
Breathing Resistance			
at	EN 141 requirements	Filter typical values	
30 l / min	1,0 mbar	0,9 mbar	
95 l / min	4,0 mbar	3,5 mbar	
Concentration of testing gases			
Class 1	1000 ppm [0,1 Vol.-%]		
Class 2	5000 ppm [0,5 Vol.-%]		
Filter Performances			
Filter type and class	Gases of reference	EN 141 requirements	Filter typical values
A1	cyclohexane [C ₆ H ₁₂]	70 min	>120 min
Material			
housing	polyolefins		
cover	polyolefins		
filtering material	impregnated activated carbon		

Filter Data Sheet			
Filter Description			
Description	A2 TabTec Gasfilter		
Part Number	10030511		
Marking according to EN	A2		
Conditions of use	<ul style="list-style-type: none"> organic gases and vapors with a boiling point > 65° C 		
Color Code			
Filter Characteristics			
Weight [g]	94		
Diameter [mm]	104 x 77		
Height incl. thread [mm]	33		
Connection	bajonet		
Breathing Resistance			
at	EN 141 requirements	Filter typical values	
30 l / min	1,4 mbar	1,1 mbar	
95 l / min	5,6 mbar	4,1 mbar	
Concentration of testing gases			
Class 1	1000 ppm [0,1 Vol.-%]		
Class 2	5000 ppm [0,5 Vol.-%]		
Filter Performances			
Filter type and class	Gases of reference	EN 141 requirements	Filter typical values
A2	cyclohexane [C ₆ H ₁₂]	35 min	63 min
Material			
housing	polyolefins		
cover	polyolefins		
filtering material	impregnated activated carbon		

Filter Data Sheet

Filter Description

Description	Tab Tec Filter A2B2E1	
Part Number	10030512	
Marking according to EN	A2 B2 E1	
Conditions of use	<ul style="list-style-type: none"> 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 	
Color Code		

Filter Characteristics

Weight [g]	103
Diameter [mm]	104 x 77
Height incl. thread [mm]	33
Connection	bajonet

Breathing Resistance

at	EN 141 requirements	Filter typical values
30 l / min	1,4 mbar	1,1 mbar
95 l / min	5,6 mbar	4,0 mbar

Concentration of testing gases

Class 1	1000 ppm [0,1 Vol.-%]
Class 2	5000 ppm [0,5 Vol.-%]

Filter Performances



Filter type and class	Gases of reference	EN 141 requirements	Filter typical values
A2	cyclohexane [C ₆ H ₁₂]	35 min	57 min
B2	chlorine [Cl ₂]	20 min	25 min
	hydrogen sulfide [H ₂ S]	40 min	55 min
	hydrogen cyanide [HCN]	25 min	28 min
E1	sulfur dioxide [SO ₂]	20 min	71 min

Material

housing	polyolefins
cover	polyolefins
filtering material	impregnated activated carbon

Filter Data Sheet

Filter Description

Description	A2B2E1K1 TabTec Gasfilter	
Part Number	10038476	
Marking according to EN	A2 B2 E1 K1	
Conditions of use	<ul style="list-style-type: none"> 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 	
Color Code		

Filter Characteristics

Weight [g]	113
Diameter [mm]	104 x 77
Height incl. thread [mm]	33
Connection	bajonet

Breathing Resistance

at	EN 141 requirements	Filter typical values
30 l / min	1,4 mbar	1,0 mbar
95 l / min	5,6 mbar	3,8 mbar

Concentration of testing gases

Class 1	1000 ppm [0,1 Vol.-%]
Class 2	5000 ppm [0,5 Vol.-%]

Filter Performances

Filter type and class	Gases of reference	EN 141 requirements	Filter typical values
A2	cyclohexane [C ₆ H ₁₂]	35 min	55 min
B2	chlorine [Cl ₂]	20 min	25 min
	hydrogen sulfide [H ₂ S]	40 min	75 min
	hydrogen cyanide [HCN]	25 min	26 min
E1	sulfur dioxide [SO ₂]	20 min	90 min
K1	ammonia [NH ₃]	50 min	50 min

Material

housing	polyolefins
cover	polyolefins
filtering material	impregnated activated carbon