

TECHNICAL DATASHEET



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Filter A2B2E2K2HgP3, thread RD40x1/7"

Combined filter with RD40x1/7" thread



* the picture is illustrational only and may vary depending on additional equipment



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Technical specification

Product code	50 01 66	
Standards	A2B2E2K2HgP3 D R according to EN 14387:2004 + A1 TH3 A2B2E2K2HgP R SL according to EN 12941:1998 / A2:2008 TM3 A2B2E2K2HgP R SL according to EN 12942:1998 / A2:2008	
Compatibility	<u>Recommended masks</u> full face mask Shigematsu GX02 full face mask Shigematsu CF02 half mask CleanAIR® CA-5	<u>Recommended PAPR units</u> CleanAIR® Chemical 2F Plus CleanAIR® Chemical 3F Plus CleanAIR® Chemical DF
Weight	385 g	
Dimensions	diameter 110 mm height 95 mm	
Materials	filter housing: ABS filtration medium: microfiber glass media activated charcoal	
Thread	RD40x1/7" in accordance with EN 148-1	
Storage conditions	– 10°C to + 55°C, humidity 20 - 95 % RH	
Operating conditions	+ 0°C to + 60°C, humidity 20 - 95 % RH	

<i>Group of contaminants</i>	<i>Protect against</i>
A	Organic gases and vapours with a boiling point above 65 °C (e.g. toluene, benzene, styrene, kerosene, petrol, isobuthanol, ...)
B	Inorganic gases and vapours (e.g. fluorine, chlorine, hydrogen sulphide, hydrogen cyanide, hydrogen chloride, hydrogen peroxide, ...)
E	Acid gases and vapours (e.g. carbon dioxide, sulphuric acid, hydrochloric acid, formic acid, hydrogen fluoride, ...)
K	Ammonia and organic amines (e.g. methylamine, ethylamine, dimethylamine, ...)
Hg	Mercury (mercury vapours and its compounds)
P	Solid particles in the form of liquid and solid aerosols (e.g. dust, smoke, fibres, bacteria, viruses and radioactive particles, ...)

Disclaimer Notice

All the information contained herein is believed to be accurate and is subject to change without notice. Users should independently evaluate the suitability of each product for their own applications. CleanAIR® products are not designed for, and may not be used in, all applications.

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Main requirements of EN 14387:2004+A1, EN 12941:1998/A2:2008 and EN 12942:1998/A2:2008

Breathing resistance with clean filters	Required	Less than
30 l/min	max. 260 Pa	152 Pa
95 l/min	max. 980 Pa	571 Pa
Gas filter capacity with test gas (30 l/min)	Required	At least
Cyclohexane C ₆ H ₁₂	min. 35 min	51,5 min
Chlorine Cl ₂	min. 20 min	30 min
Hydrogen Sulphide H ₂ S	min. 40 min	60 min
Hydrogen Cyanide HCN	min. 25 min	26 min
Sulphur Dioxide SO ₂	min. 20 min	26 min
Ammonia NH ₃	min. 40 min	50 min
Mercury Hg	min. 100 hour	100 hours
Gas filter capacity with test gas (80 l/min)	Required	At least
Cyclohexane C ₆ H ₁₂	min. 70 min	80 min
Chlorine Cl ₂	min. 20 min	30 min
Hydrogen Sulphide H ₂ S	max. 40 min	60 min
Hydrogen Cyanide HCN	max. 25 min	30 min
Sulphur Dioxide SO ₂	max. 20 min	30 min
Ammonia NH ₃	min. 50 min	55 min
Mercury Hg	min. 100 hours	100 hours
Maximum permitted penetration of test aerosol (95 l/min)	Required	Less than
Sodium Chloride NaCl	max. 0,05 %	0,001 %
Paraffin oil	max. 0,05 %	0,001 %

Filter A2B2E2K2HgP3, thread RD40x1/7" meets all requirements and complies with stated norms. In addition, in most aspects the filter extensively surpasses the requirements of the standard. For more information please contact our sales department at export@malina-safety.cz.

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