

Datasheet Breathing filter 67 ABEK

Designation: Respiratory protection screw filter ABE2K1
Multi-range gas filter to DIN EN 14387- filter type/class ABE2-K1 - as part of a respiratory protective device to DIN EN 133 - filter device

Description: Cylindrical housing with round thread connection according to DIN EN 148-1 (external thread Rd 40 x 1/7), air inlet side with profiled perforated disk



Article-Number: 920650

Application: In conjunction with breathing connection - full face masks (DIN EN 136)

Standards:

DIN EN 133	Respiratory protective devices - Classification
DIN EN 148-1	Respiratory protective devices - Threads for breathing connections - Round thread connection
DIN EN 14387	Respiratory protective devices - Gas filters and combination filters

Identification colors: brown - grey - yellow - green (adhesive label)
Or half masks (DIN EN 140) with round thread connection - for protection against inorganic gases and vapors with a boiling point above 65°C, against inorganic gases and vapors e.g. chlorine, hydrogen sulfide (hydrogen sulfide), hydrogencyanide (hydrogen cyanide, hydrogen cyanide) against sulfur dioxide, against hydrogen chloride (hydrogen chloride) and against ammonia, not against carbon monoxide.

Materials:

Housing, perforated disks	Aluminum alloy
Filter medium	Activated carbon
Non-woven discs	Polypropylene
Sealing foil	Polypropylene

Dimensions: Diameter approx. 91 mm
Height approx. 76 mm

Weight: approx. 250 grams

Inhalation resistance: < 1.4 mbar at 30 l/min constant air flow
< 5.6 mbar at 95 l/min constant air flow

Storability: 6 years - from date of manufacture (protected from cold, heat and moisture)

Handling: Only open the filter immediately before use and screw it firmly into the connector of the mask.

Main application: Painting Solvent vapors (boiling point >65°C) Organic solvent vapors Paint strippers Chlorine Hydrocyanic acid Hydrogen sulphide Sulphur dioxide Formic acid Ammonia.

Revision 11.2023 – Errors and omissions excepted. All data are non-binding guide values.

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Service life:	The service life of gas filters depends on several factors such as concentration of harmful gases, ambient temperature, air humidity, work intensity, posture, etc. and therefore cannot be determined in advance. Opened filters must be replaced after 6 months at the latest.
Application limits:	according to technical rules for hazardous substances TRGS 900 "Occupational exposure limits" with half/quarter mask: 30 times the occupational exposure limit value with full face mask: 400 times the occupational exposure limit value Maximum permissible Gas concentration: of gas filter class 2 (A2, B2, E2, K2) = 5,000 ml/m ³
Instructions for use:	The use of respiratory filters requires a basic knowledge of the function and handling of respiratory protective devices. Information on this can be found in the trade association regulations and rules, in particular in DGUV Rule 112-190. The use of respiratory protective devices generally means additional strain for the person wearing the respiratory protective device. Most respiratory protective devices require occupational health screening in accordance with the "Ordinance on Occupational Health Care" (ArbMedVV). Damaged filters must not be used.
Rules / regulations:	Regulation (EU) 2016/425 on personal protective equipment PPE Usage Ordinance (PSA-BV) Ordinance on Occupational Health Care (ArbMedVV) BGV A1 Employer's Liability Insurance Association Regulation for Safety and Health at Work - Accident Prevention Regulation - Principles of Prevention DGUV Rule 112-190 Employer's liability insurance association rules for safety and health at work - "Use of respiratory protective devices" Hazardous Substances Ordinance (GefStoffV) with associated Technical Rules for Hazardous Substances (TRGS), in particular TRGS 402 "Determination and assessment of hazards during activities involving hazardous substances: Inhalative exposure" and other technical rules for hazardous substances.

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Order details:	Article number	Description
	920650	Gas filter 67 ABEK
	111200	Full face mask BRK 820
	111201	Full face mask BRK 820 V
	111208	Full face mask BRK 820 G
	111400	Full face mask TR 2002 CL3
	913503	Half mask 620 N
	913510	Half mask 620 S
	912500BL	Half mask 600
	111704	Wall container for full face mask including one filter
	111705	Wall container for two full face masks including two filters
	111703	Carrying case B78 for one full face mask and one filter

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