Datasheet
Breathing filter 66 AB

With Safety.

Designation:	Respiratory protection screw filter AB2 Gas filter according to DIN EN 14387 – Filter type A-B – Filter class 2 – as part of a respiratory protective device according to DIN EN 133 – Filtering 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:	920605
Application:	In combination with respiratory connections – full face masks (DIN EN 136) or half masks (DIN EN 140) with round thread connection – for protection against organic gases and vapors with a boiling point above 65 °C, and against inorganic gases and vapors, e.g. chlorine, hydrogen sulfide, hydrogen cyanide – not against carbon monoxide..
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 (adhesive label)
Materials:	Housing, perforated disks – Aluminum alloy Filter medium – Activated carbon Non-woven discs – Polypropylene Sealing foil – Polypropylene
Dimensions:	Diameter approx. 91 mm Height approx. 68 mm
Weight:	approx. 205 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 and use of paint removers. Organic solvent vapors (boiling point > 65 °C).
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.

Revision 09.2025 – Errors and omissions excepted. All data are non-binding guide values.

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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/m³
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.

Order details:

Article number	Description
920605	Gas filter 66 AB
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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