

Datasheet Breathing filter 66 B

Designation:	Respiratory protection screw filter B2 Gas filter to DIN EN 14387 - filter type B - filter class 2 - 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:	920601	
Application:	In conjunction with breathing connection - full face masks (DIN EN 136) or half masks (DIN EN 140) with round thread connection – for protection against inorganic gases and vapors, e.g. chlorine, hydrogen sulphide (hydrogen sulphide), hydrogencyanide (hydrogen cyanide, hydrogen cyanide) - not against carbon monoxide	
Standards:	DIN EN 133 DIN EN 148-1 DIN EN 14387	Respiratory protective devices - Classification Respiratory protective devices - Threads for breathing connections - Round thread connection Respiratory protective devices - Gas filters and combination filters
Identification color:	grey (adhesive label)	
Materials:	Housing, perforated disks Filter medium Non-woven discs Sealing foil	Aluminum alloy Activated carbon Polypropylene 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 connection piece of the mask	
Main applications:	Chlorine Hydrogen cyanide Hydrogen sulphide	
Service life:	The service life of gas filters depends on several factors such as the concentration of harmful gases, ambient temperature, humidity, work intensity, posture, etc. and therefore cannot be determined in advance. Opened filters must be replaced after 6 months at the latest.	



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

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Application limits:	<p>according to technical rules for hazardous substances TRGS 900 "Occupational exposure limits"</p> <p>with half/quarter mask: 30 times the occupational exposure limit value with full face mask: 400 times the occupational exposure limit value</p> <p>Maximum permissible Gas concentration: of gas filter class 2 (A2, B2, E2, K2) = 5,000 ml/m³</p>																								
Instructions for use:	<p>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.</p> <p>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.</p>																								
Rules / regulations:	<p>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</p> <p>DGUV Rule 112-190 Employer's liability insurance association rules for safety and health at work - "Use of respiratory protective devices"</p> <p>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.</p>																								
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