

Datasheet Breathing filter 40 ASt

Designation:	Respiratory protection insert filter A1-P3 R D Combination filter according to DIN EN 14387 - filter type / class A1 - P3 R D as part of a respiratory protective device according to DIN EN 133 - filter device	
Description:	Cylindrical housing with profiled perforated base and cover lid	
Article-Number:	924100 (5 pieces in folding box)	
Application:	In conjunction with filter holder 5570/70 on breathing connection - full face mask (DIN EN 136) or half mask (EN 140) with round thread connection - for protection against organic gases and vapors with boiling point above 65°C and against particles R = Reusable - reusable against particles D = particularly resistant to clogging by dust (storage test with dolomite dust according to EN 143)	
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 colors:	brown - white (adhesive label)	
Materials:	Housing, perforated disk Filter medium Non-woven discs Sealing foil	Aluminum alloy Activated carbon and glass/cellulose fiber Polypropylene Polypropylene
Dimensions:	Diameter approx. 87 / 90 / 95 mm Height approx. 50 mm	
Weight:	approx. 120 grams	
Inhalation resistance:	< 2.2 mbar at 30 l/min constant air flow < 8.2 mbar at 95 l/min constant air flow	
Filter flow rate:	Sodium chloride test at 95 l/min: < 0.05 % Kerosene oil test at 95 l/min: < 0.05 %	
Storability:	6 years - from date of manufacture (protected from cold, heat and moisture)	
Handling:	Only remove the filter from the packaging immediately before use and insert into the filter holder 5570/70. Screw the filter holder firmly into the connection piece of the mask. If necessary, place pre-filter 35/70 in the pre-chamber of the cover.	



Revision 07.2026 – Errors and omissions excepted. All data are non-binding guide values.

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Main applications:	Painting Solvent vapors (boiling point >65°C) Organic solvent vapors, paint strippers, rock dust, glass wool, mineral fibers, wood dust, soot, steel dust, herbicides, and pesticides (less toxic) Bacteria and viruses.								
Service life:	The service life of combination filters depends on several factors such as concentration of harmful gases, ambient temperature, humidity, work severity, 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" <table> <tr> <td>with half/quarter mask (particle filter):</td><td>30 times the occupational exposure limit value</td></tr> <tr> <td>with full face mask (particle filter):</td><td>400 times the occupational exposure limit value</td></tr> <tr> <td>with half/quarter mask (gas filter):</td><td>30 times the occupational exposure limit value</td></tr> <tr> <td>with full face mask (gas filter):</td><td>400 times the occupational exposure limit value</td></tr> </table> Maximum permissible Gas concentration: of gas filter class 1 (A1, B1, E1, K1) = 1,000 ml/m³	with half/quarter mask (particle filter):	30 times the occupational exposure limit value	with full face mask (particle filter):	400 times the occupational exposure limit value	with half/quarter mask (gas filter):	30 times the occupational exposure limit value	with full face mask (gas filter):	400 times the occupational exposure limit value
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Instructions for use:	The use of breathing 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.								
Regulations / rules:	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
	924100	Combination filter 40 ASt
	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
	202952	Half Mask BariMask HF Rubber
	202953	Half Mask BariMask HF Silicon
	929105	Coarse dust pre-filter 35/70
	929006	Filter holder 5570/70
	111704	Wall container for full face mask including one filter
	111705	Wall container for two full face masks including two filters
	111703	Carrying box B78 for one full face mask and one filter

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