

Datasheet Breathing filter 80 ASt

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| Designation: | Respiratory protection screw filter A2-P2 R D Combination filter to DIN EN 14387 - filter type / filter class A2-P2 R D 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 | |
| Article-Number: | 924300 | |
| 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 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) (external thread Rd 40 x 1/7) | |
| Standards: | DIN EN 133 DIN EN 148-1 | Respiratory protective devices - Classification Respiratory protective devices - Threads for breathing connections - Round thread connection |
| | DIN EN 14387 | Respiratory protective devices - Gas filters and combination filters |
| Identification colors: | brown - white (adhesive label) | |
| Materials: | Housing, perforated disk Lower perforated disk Filter medium Non-woven discs Closure foil | Aluminum alloy Polypropylene black Activated carbon and glass/cellulose fiber Polypropylene Polypropylene |
| Dimensions: | Diameter approx. 108 mm Height approx. 90 mm | |
| Weight: | approx. 225 grams | |
| Inhalation resistance: | < 2.1 mbar at 30 l/min constant air flow < 8.0 mbar at 95 l/min constant air flow | |
| Filter flow rate: | Sodium chloride test at 95 l/min: < 6 % Kerosene oil test at 95 l/min: < 6 % | |
| Storability: | 6 years - from date of manufacture (protected from cold, heat and moisture) | |
| Handling: | Only open the filter packaging immediately before use and screw it firmly into the connector of the mask. | |



Revision 11.2023 – 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. in advance. Opened filters must be replaced after 6 months at the latest. | | | | | | | | |
| Application limits: | <p>according to technical rules for hazardous substances TRGS 900 "Occupational exposure limits"</p> <table> <tr> <td>with half/quarter mask (particle filter):</td> <td>10 times the occupational exposure limit value</td> </tr> <tr> <td>with full face mask (particle filter):</td> <td>15 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> <p>Maximum permissible Gas concentration: of gas filter class 2 (A2, B2, E2, K2) = 5,000 ml/m³</p> | with half/quarter mask (particle filter): | 10 times the occupational exposure limit value | with full face mask (particle filter): | 15 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 |
| with half/quarter mask (particle filter): | 10 times the occupational exposure limit value | | | | | | | | |
| with full face mask (particle filter): | 15 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 | | | | | | | | |
| Instructions for use: | <p>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.</p> <p>The use of respiratory protective devices generally means additional strain for the person wearing the respiratory protective device.</p> <p>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> | | | | | | | | |
| Regulations / rules: | <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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| Order details: | Article number | Description |
|----------------|----------------|--|
| | 924300 | Combination filter 80 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 |
| | 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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