

## Datasheet Breathing filter 24 P2

Designation:	Insert respiratory protection filter P2 R (reusable) Particle filter in accordance with DIN EN 143 - filter class P2 R – as part of a respiratory protective device in accordance with DIN EN 133 - filter device	
Description:	Cylindrical housing with perforated base and lid	
Article-Number:	922300 (5 pieces in folding box)	
Application:	In conjunction with filter holder 5570/35 on breathing connection - full face masks (DIN EN 136) or half masks (DIN EN 140) with round thread connection - for protection against harmful particles.	
Standards:	DIN EN 133 DIN EN 148-1  DIN EN 143	Respiratory protective devices - Classification Respiratory protective devices - Threads for breathing connections - Round thread connection Respiratory protective devices - Particle filters
Identification color:	white (adhesive label)	
Materials:	Housing Filter medium	Acrylonitrile-butadiene-styrene copolymer glass/cellulose fiber
Dimensions:	Diameter approx. 95 mm Height approx. 30 mm	
Weight:	Filter approx. 40 grams / with filter holder 5570/35 approx. 115 grams	
Inhalation resistance:	< 0.7 mbar at 30 l/min constant air flow < 2.4 mbar at 95 l/min constant air flow	
Filter passage:	Sodium chloride test at 95 l/min: < 6 % Kerosene oil test at 95 l/min: < 6 %	
Storability:	10 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 5570/35. 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.	
Main application:	Paint pigments, rust, iron dust, cement dust, brick and concrete dust, caustic soda, aluminate lye, phosphoric acid, sulphuric acid, herbicides and pesticides (non-toxic).	
Service life:	The service life of particle filters depends on several factors such as particle concentration, air humidity, work intensity, body 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:	according to technical rules for hazardous substances TRGS 900 "Occupational exposure limits" 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
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 DGUV Rule 112-190. The use of breathing apparatus generally means additional strain for the person wearing the breathing apparatus. Most respiratory protective devices require occupational health screening in accordance with the "Ordinance on Occupational Health Care" (ArbMedVV). <b>Damaged filters must not be used.</b>
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 - BG rule "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
	922300	Particle filter 24 P2
	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
	929005	Filter holder 5570/35
	929006	Filter holder 5570/370
	929105	Coarse dust pre-filter 35/70
	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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