Datasheet Screw filter 86 NOSt

BR-Article-No.:	924700
Item name:	Filter 86 NOSt
Article name:	Breathing screw filter NO-P3 R D
Article Type:	Combination filter according to DIN EN 14387:2008 - Filter Type / Class NO - P3 R D as part of a breathing apparatus according to DIN EN 133 - filtering device
Identification colors:	blue - white (adhesive label)
Use:	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, against inorganic gases and vapors, e.g. chlorine, hydrogen sulfide (hydrogen sulfide), hydrogen cyanide (hydrogen cyanide, hydrocyanic acid) - not against carbon monoxide - and against particles. and against particles (R = Reuseable - reusable against particles D = Particularly resistant to clogging by dust (single-storage test with dolomite dust according to EN 143)
Description:	Cylindrical housing with round thread connection to DIN EN 148-1 (external thread Rd 40 x 1/7)
Materials:	Gehäuse, Lochscheiben — Aluminiumlegierung Filtermedium — Aktivkohle und Glas/Cellulosefaser Vliesscheiben — Polypropylen Verschlussfolie — Polypropylenylen
Dimensions:	Diameter approx. 108 mm, height approx. 90 mm
Weight:	approx 370 gram
Shelf life:	6 years - from the date of production (protected from cold, heat and moisture).
Handling:	Do not open the filter packaging until immediately before use and screw it tightly into the connection piece of the mask
Inhalation resistance:	< 2.6 mbarat 30 l/min constant airflow < 9.8 mbarat 95 l/min constant air flow
Filter passage:	Sodium chloride test at 95 l/min :< 0,05 %. Kerosene oil test at 95 l/min :< 0,05 %.

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With Safety.

Service life:

The durability of combination filters depends on several factors such as concentration of the harmful gases, ambient temperature, humidity, work severity, body posture, etc., and therefore cannot be predicted.
Filters that have been used against nitrous gases must not be reused against particulates.

Instructions for use:

The use of respiratory filters requires a basic knowledge of the function and handling of respiratory protective equipment. Information on this can be found in the regulations and rules of the employers' liability insurance association, in particular in DGUV Rule 112-190.
Damaged filters must not be used.
In the ATEX area, these respiratory protection filters can be used in the potentially explosive areas of zones 1, 21, 2 and 22 if the requirements below are observed:

- The respiratory protection filters must be worn over a dissipative mask and over the grounding of the
- wearer with a leakage resistance <108 Ω.
- The respiratory protection filters must not be used in areas where highly charge-generating processes are to be expected.
- The respiratory protection filters may only be worn on the face mask and not on the belt in the presence of explosive atmospheres.
- The permissible ambient temperature must not exceed a value of 70 °C on the basis of a temperature increase of 10 K occurring during normal operation and also in the event of a fault (zone 1 or 21) or during normal operation (zone 2 or 22) as a result of the activated carbon filter on the parts which are in contact with an explosive atmosphere.

Standards:

DIN EN 133 Respirators - Classification
DIN EN 148-1 Respiratory protective devices - Threads for breathing connections - Round thread connection
DIN EN 14387:2008 Respiratory protective devices - Gas filters and combined filters
ATEX standards: DIN EN ISO 80079-36; IEC 60079-32; IEC/TS 600793-32-1

Regulations / Rules:

BGV A1 Trade association regulation for safety and health at work - Accident prevention regulation - Principles of prevention
DGUV Rule 112-190 Trade association rules for safety and health at work - BG rule "Use of respiratory protective devices“

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