

FILTER

Model: 202 A2B2P3
P/N 123320000

Combined filter with standard thread connector to **EN 148-1** for organic vapours having boiling point higher than 65 °C, inorganic gases and vapours, dusts, fumes and mists. The filter can be used with full face masks type **TR 82**, **TR 2002 CL2** and **TR 2002 CL3**, halfmasks **ST 85** or equivalent, provided that they are fitted with EN 148-1 connector.

The filter can also be used with **Turbine TM 1702/1708** powered filter respirators (**PAPR**) equipped with a full mask and **Turbine CFU, FU, H** equipped with helmets and hoods and has passed the tests for compliance with EN 12941 and 12942 standards.



TECHNICAL DATA

Inhalation resistance

at 30 l/min: 1.8 mbar
at 95 l/min: 7.3 mbar

Duration at gases

| Filter type | Class | Test Gas | Test Concentration (PPM) | Test Flow (l/min) | Test HR (%) | Breakthrough concentration (PPM) | Duration Required (min) | Duration Tested (min) |
|-------------|-------|--------------------------------|--------------------------|-------------------|-------------|----------------------------------|-------------------------|-----------------------|
| A | 2 | C ₆ H ₁₂ | 5000 | 30 | 70 | 10 | 35 | 52 |
| B | 2 | Cl ₂ | 5000 | 30 | 70 | 0.5 | 20 | 38 |
| | | H ₂ S | 5000 | 30 | 70 | 10 | 40 | 53 |
| | | HCN | 5000 | 30 | 70 | 10 | 25 | 33 |

Particle filtration performance

| Filter type | Class | Test flow | Aerosol (%) | Pen Max allowed (%) | Test 1 (%) | Test 2 (%) |
|-------------|-------|-----------|--------------|---------------------|------------|------------|
| P | 3 | 95 l/min | NaCl | 0.05 | 0.009 | 0.0003 |
| | | | Paraffin oil | 0.05 | 0.002 | 0.0012 |

Test 1: Maximum penetration till 120 mg aerosol exposition

Test 2: Penetration after 120 mg aerosol exposition and 24h storage



YOUR SAFETY MAKER

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Limitations for use

Do not use in areas where the oxygen concentration is lower than 17% in volume nor in presence of gases different from those clearly indicated. The filter is reusable.

CLASSIFICATION

Filter complying with the provisions of Regulation (EU) **2016/425**, as III Category PPE.

Combined Filter, class 2 for gas protection and **class P3** for particle filter, according to **EN 14387:2021**.

Filter also conforms to EN 14387:2004+A1:2008 for the performance requirements.

Combined filter class **A1B2P R SL** according to **EN 12941:1998+A2:2008** and **EN 12942:1998+A2:2008** standards (PAPR with full masks and helmets and hoods).

Turbine with full face mask (Turbine TM 1702 and TM 1708) with 202 A2B2P3 filters is classified **TM3 A1B2P R SL**.

Turbine with helmets or hoods (Turbine CFU, FU, H) with 202 A2B2P3 filters is classified **TH2 A1B2P R SL**.

Label colour code: brown, grey, white

MARKING

CE 0426

MATERIALS

Housing: polypropylene

Filter Media: activated carbon and filter paper

STORAGE

Store at temperatures between -20 and +50°C and RH <80%.

CHARACTERISTICS

Weight: 248 g (8.7 oz) approx.

Diameter max: 106 mm approx.

Height incl. thread: 85 mm approx.

Connection: standard thread EN 148-1:2018

PACKING

The filter is sold in 4 piece boxes with dimensions 220 x 220 x 105 mm.

SHELF LIFE

Filters duly stored and in their original packaging will last five years from production. The expiry date is stamped onto the filter label and its packaging.

For more information please check the notes along with the products or the ones published on the website www.spasciani.com

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