

# FILTER

Model: 203 A2B2E2K2P3

P/N 124530000

Combined filter with standard thread connector to **EN 148-1** for organic vapours having boiling point higher than 65°C, inorganic gases and vapours, Sulphur Dioxide (SO<sub>2</sub>), Ammonia (NH<sub>3</sub>) and its derivatives, dusts, fumes and mists.

The filter can be used with full face masks type **TR 82**, **TR2002 CL2** and **TR2002 CL3** or half-mask **ST 85**, or equivalent, provided that they are fitted with EN 148-1 connector



## TECHNICAL DATA

### Breathing resistance

at 30 l/min: 1.8 mbar

at 95 l/min: 6.0 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 <sub>6</sub> H <sub>12</sub>	5000	30	70	10	35	50
B	2	Cl <sub>2</sub>	5000	30	70	0.5	20	38
		H <sub>2</sub> S	5000	30	70	10	40	46
		HCN	5000	30	70	10	25	>35
E	2	SO <sub>2</sub>	5000	30	70	5	20	24
K	2	NH <sub>3</sub>	5000	30	70	25	40	47

### 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



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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.

Label colour code: brown, grey, yellow, green, white.

## MARKING

**CE 0426**

## MATERIALS

Housing: polypropylene

Filter Media: activated carbon and filter paper

## STORAGE

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

## CHARACTERISTICS

Weight: 295 g (10.4 oz) approx.

Diameter max: 106 mm approx.

Height incl. thread: 100 mm approx.

Connection: standard thread EN 148-1:2018

## PACKING

The filter is sold in 4 piece boxes with dimensions 220 x 220 x 115 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.

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For more information please check the notes along with the products or the ones published on the website [www.spasciani.com](http://www.spasciani.com)

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