

# CARTRIDGE

**Model: 2040 E1P3****P/N 114050000**

Combined filter with special snap-in connector for Sulphur Dioxide (SO<sub>2</sub>), dusts, fumes, mists.

The cartridge shall be used in pairs with half masks **DUETTA** and **DUO** or full face masks type **TR 2002 CL2** and **TR 2002 CL3** with **DUPLA** adapter.



## TECHNICAL DATA

### Inhalation resistance

at 15 l/min: 1.2 mbar

at 47.5 l/min: 3.6 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)
E	1	SO <sub>2</sub>	1000	15	70	5	20	>60

### Particle filtration performance

Filter type	Class	Test flow	Aerosol (%)	Pen Max allowed (%)	Test 1 (%)	Test 2 (%)
P	3	47.5 l/min	NaCl	0.05	0.009	0.0003
			Paraffin oil	0.05	0.008	0.001

Test 1: Maximum penetration till 120 mg aerosol exposition

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

### 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 filters are reusable more than one shift.



YOUR SAFETY MAKER

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## CLASSIFICATION

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

**Combined cartridge/ filter, class 1** 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: yellow, 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: 112 g (4 oz) approx.

Diameter max: 87 mm

Height incl. thread: 58 mm

Connection: special snap-in connector

## PACKING

Cartridge is sold in 4 piece boxes with dimensions 175 x 115 x 85 mm.

## SHELF LIFE

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