

# CARTRIDGE

**Model: 2040 K1P3****P/N 114060000**

Combined filter with special snap-in connector for Ammonia (NH<sub>3</sub>) and its derivatives, 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: 1.1 mbar

at 47.5 l/min: 3.4 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)
K	1	NH <sub>3</sub>	1000	15	70	25	50	>70

### 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 (the permitted minimum oxygen concentration of ambient air is governed by national regulations) 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: 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: 115 g (4.1 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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