



CARTRIDGE

Model: 2040 A1B1E1K1P3 R

P/N 114080000

Combined filter with special snap-in connector for organic vapours having boiling point higher than 65°C, inorganic gases and vapours, Sulphur Dioxide (SO₂), Ammonia (NH₃) 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: 1.2 mbar
at 47.5 l/min: 3.9 mbar

Duration at gases

Filter type	Class	Testing Gas	Testing Concentration (PPM)	Testing Flow (l/min)	Testing HR (%)	Breakthrough concentration (PPM)	Duration Required (min)	Duration Tested (min)
A	1	C ₆ H ₁₂	1000	15	70	10	70	80
B	1	Cl ₂	1000	15	70	0.5	20	49
		H ₂ S	1000	15	70	10	40	>70
		HCN	1000	15	70	10	25	>35
E	1	SO ₂	1000	15	70	5	20	48
K	1	NH ₃	1000	15	70	25	50	>70

Performance particle filtration – long duration test

Filter type	Class	Testing Flow (l/min)	Testing Aerosol	Penetration Max Allowed (%)	Penetration Max Measured (%)
P R	3	47.5	NaCl	0.05	0.0014
			Paraffin oil	0.05	0.0007

Marking R means that the filter is reusable for more than one workshift.





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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.

CLASSIFICATION

Filter complying with Directive **89/686/EEC (PPE)**

Combined Cartridge / Filter, class 1 for gas protection and particle filter **class P3 R**, to **EN 14387:2004 + A1:2008**.

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

MARKING



MATERIALS

Housing: polypropylene

Filter Media: activated carbon and filter paper

STORAGE

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

WEIGHT

125 g (4.4 oz) approximately

DIMENSIONS / PACKING

Cartridge is sold in 4 piece boxes with dimensions 175 x 115 x 90 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.

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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