



FILTER

Model: 203 UP3

P/N 124600000

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 (SO₂), Ammonia (NH₃) and its derivatives, Mercury Vapours, Carbon Monoxide (CO), dusts, fumes, mists.

The filter can be used with masks type **TR 82**, **TR 2002 CL2** and **TR 2002 CL3** or equivalent, provided that they are fitted with EN 148-1 connector.



TECHNICAL DATA

Inhalation resistance
at 30 l/min: 1.8 mbar
at 95 l/min: 7.0 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	2	C ₆ H ₁₂	5000	30	70	10	35	37
B	2	Cl ₂	5000	30	70	0.5	20	44
		H ₂ S	5000	30	70	10	40	> 80
		H ₂ CO	5000	30	70	10	25	> 50
		H ₂ SO ₄	5000	30	70	10	25	> 50
E	2	SO ₂	5000	30	70	5	20	25
K	2	NH ₃	5000	30	70	25	40	48
NO	/	NO	2500	30	70	5	20	> 40
		NO ₂	2500	30	70	5	20	> 40
Hg	/	Hg	1.6 ml/m ³	30	70	0.1 ml/m ³	>100h	> 120h
CO	20 min	CO	2500	20x1.590 - 100 % UR	20.7 g/m ³ a 23 - 25 °C	200	> 20	> 20
			5000					
			10000					



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Performance particle filtration – long duration test

Filter type	Class	Testing Flow (l/min)	Testing Aerosol	Penetration Max Allowed (%)	Penetration Max Measured (%)
P R	3	95	NaCl	0.05	0.001
			Paraffin oil	0.05	0.002

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

Marking NR means that the filter cannot be used for more than one workshift.

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.

WARNING: The filter can only be used once against CO and NO_x and up to 50 hours against Hg and for 20 min with CO.

CLASSIFICATION

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

The filter is certified:

1 EN 14387:2004 + A1:2008 for types **ABEK (class 2), NO** and **Hg**

2 EN143:2000 / A1:2006 for the particle filter media (**class P3 R**)

3 DIN 58620 for protection against **CO (class 20)**

Label colour code: brown, grey, yellow, green, blue, red, black, white.

MARKING



MATERIALS

Housing: polypropylene

Filter Media: activated carbon and filter paper

STORAGE

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



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DIMENSIONS/PACKING

The filter is wrapped in a multi-barrier foil and is sold in 1 piece boxes with dimensions 110 x110 x135 mm

WEIGHT

460 g (16.2 oz) approximately

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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