

FILTER

Model: 100 LD P3 R
P/N 12415LD00

Particle filter with standard thread connector to **EN 148-1** for dusts, fumes, mists.

The filter can be used with full face masks type **TR 82**, **TR 2002 CL2** and **TR 2002 CL3** and halfmasks **ST 85** or equivalent, provided that they are fitted with EN 148-1 connector.



TECHNICAL DATA

Breathing resistance

at 30 l/min 0.5 mbar

at 95 l/min: 1.7 mbar

Particle filtration performance - Long duration

Filter Type	Class	Testing Flow (l/min)	Testing Aerosol	Penetration Max required (%)	Penetration Max measured (%)		
					(1)	(2)	(3)
P R	3	95	NaCl	0.05	0.001	< 0.003	< 0.003
			Paraffin Oil	0.05	0.002	< 0.003	< 0.003

(1) 3 min exposure

(2) after exposure at 120 mg of paraffin oil

(3) 3 min exposure after (2) and after 24h storage

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

Limitations for use

Do not use in areas where the oxygen concentration is lower than 17% nor in presence of gases and vapours.



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“D” clogging test with Dolomite Dust.

Filter is submitted to a clogging test with a concentration of Dolomite of 263 mg.h.m³.
Inhalation resistance: a 95 l/min: 8.4 mbar (request < 10.5 bar)

Filter type	Testing Flow	Testing Aerosol	Penetration Max Allowed (%)	Penetration Max Measured (%)
P R	95	NaCl	0.05	< 0.003
		Paraffin oil	0.05	< 0.003

CLASSIFICATION

Filter complying with Directive **89/686/EEC (PPE)**
Particle Filter, class P3 R, to EN143:2000 / A1:2006.
Label colour code: white.

MARKING



MATERIALS

Housing: polypropylene
Filter Media: filter paper

STORAGE

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

WEIGHT

86 g (3.0 oz) approximately

DIMENSIONS/PACKING

The filter is sold in 4 piece boxes with dimensions 110 x 110 x 135 mm

SHELF LIFE

Filters duly stored and in their original packaging will last ten 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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