



Filter 100 LD P3 R for Forest Halfmask

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
a 30 l/min: 0.5 mbar
a 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.



80 PERSONAL PROTECTIVE EQUIPMENT

“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: 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

CONFORMITY

Filter compliant with directive **89/686/EEC (DPI)**.

P3 R class dust filter according to **UNI EN 143: 2007**.

Label identification colour: white.

MARKING



MATERIALS

Housing: polypropylene

Filter media: filter paper

STORAGE

Store at temperatures between -20 and +50°C and humidity <80%
Immagazzinare a temperature comprese tra -20 e +50°C e con umidità relativa inferiore a 80%.

WEIGHT

86 g (3.0 oz) approximately

Code: 80.0503.014 / *minimum order quantity n. 2 units*