



M 900 P3 R RESPIRATOR

Model: Single filter half mask

Code: 117230000

M 900 P3 R is a silicone half mask equipped with a dust filter which, thanks to the highest filtering efficiency in its category, offers protection from even the finest particles (dust, fumes and mists), including viruses and bacteria.

Both the facepiece and filter are reusable after cleaning and disinfection. The soft edge of the half mask fits easily to the user's face, ensuring a good seal. The head harness is connected to the mask body through 2 quick adjustment buckles that allow to easily wear the device and adapt it to the user's physiognomy. The valve on the facepiece facilitates the exit of the exhaled air, avoiding the accumulation of hot-damp air and increasing the comfort.



TECHNICAL INFORMATION

Breathing resistance (halfmask + filter according to EN 1827)

Test flow (l/min)	Inhalation (mbar)		Exhalation (mbar)	
	Standard max	Measured	Standard max	Measured
30	1,2	0,5	-	-
95	4,2	2,0	-	-
160	-	-	3	1,5

Filtering efficiency (dust filter according to EN 143)

Filter type	Class	Test flow (l/min)	Test aerosol	Max pen. allowed %	(1)	(2)	(3)
			NaCl				
PR	3	95	Paraffine oil	0,05	0,0014	0,0010	<0,003
			NaCl	0,05	0,0003	0,0002	<0,003

- (1) After 5 minutes of exposure to aerosol
- (2) After exposure to 120 mg of aerosol
- (3) After (2) and after 24-hour storage

Carbon dioxide content of inhaled air:

Standard requirement: 1% Measured value: 0,8%



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Total inward leakage (TIL)

Standard requirement: 2% Measured value: 0,07 %

Weight

206 g approx

LIMITATIONS OF USE

Filtering devices must be used only in environments where air contains at least 17% by vol. of oxygen. They shall not be used in oxygen-enriched (concentration above 23.5% by vol) environments neither. Hair, beard or moustache in the area of contact between the face and the half mask do not guarantee the perfect hold of the mask. It is possible to use both corrective and protective glasses while wearing the half mask.

“R” marking indicates the filter can be used for more than one working shift.

CLEANING AND DISINFECTION

Half mask: for cleaning, the half mask can be disassembled as indicated in the instructions for use. If disinfection is necessary, apply 70% ethyl alcohol (as recommended by WHO) on the exposed surface of the individual components and rinse them in running water. Filter: do not wet or wash the filter, which must be intact and shall not show visible traces of organic deposits (mucus, saliva, etc.) on the outer surface. Disinfect by passing a cloth soaked in 70% ethyl alcohol. For the filter it is also possible to apply a heat treatment: place the device in a heated compartment at $\approx 70\text{ C}^\circ$ for 30 minutes in dry air. Ovens, even non-professional ones, must be used only in ventilated mode and there shall be no exposed resistances which could give rise to radiant heat concentrations and temperature peaks capable of damaging the devices under treatment.

CERTIFICATION AND MARKING

Half mask and filter are III category PPEs according to Regulation 2016/425/EU and are CE marked.

Tests on half mask were carried out according to EN 1827:1999+A1:2009 requirements, those on P3 R filter according to EN 143:2000+A1:2006. Filter label color: white.

MATERIALS

Half mask

Facepiece and head harness: silicone

Filter

Casing: polypropylene

Filtering material: nonwoven fabric with fiberglass

STORAGE AND DURATION

The half masks with filter can be stored in their original packaging (polythene bag) until the expiration date (10 years). Please store away from dust and corrosive vapours. Filters must be discarded after 6 months after opening, even if not used. They must be replaced when breathing is hard or they are thought to have been exposed to aerosols for too long. Always mark the opening date on the filter body. In all cases, the disinfection, remediation and re-use of filters and half masks shall be assessed in the light of the use conditions.

NOTE: SPASCIANI SpA does not take any responsibility for any possible and unintentional mistake and reserve the faculty of modify materials and technical characteristics of its products at any time and without any notice.