



ESCAPE RESPIRATORS

Respirator M900 ABEK P15
P/N 117070000

Filtering device for self-rescue very easy to use that allows escaping from the polluted area in case of accident. The device is provided with filter for organic vapors with boiling point higher than 65°C, inorganic gases and vapours, acid gases, Sulphur Dioxide (SO₂), Ammonia (NH₃) and its organic derivatives, dusts, fumes and mists. The respirator is held in a plastic container provided with carrying clip. Thanks to its low weight and small dimension, it can be carried by the operator connected at the belt for a complete shift so that it can be rapidly worn in case of accident. M 900 is ATEX certified that means it is suitable for use in potentially explosive atmospheres.



TECHNICAL DATA

Breathing resistance:

Test flow (l/min)	Inhalation (mbar)		Exhalation (mbar)	
	Max allowed by the standard	Measured	Max allowed by the standard	Measured
95	8	1.5	5	1.7

Gas performance:

Filter Type	Class	Gas Test	Test concentration (ppm)	Flow rate (l/min)	R.H. (%)	Breakthrough concentration (ppm)	Breakthrough time Required (min)	Test
A	15	C ₆ H ₁₂	2500	30	70	10	15	38
B	15	Cl ₂	2500	30	70	0.5	15	24
		H ₂ S	2500	30	70	10	15	32
		H ₂ S	10000	30	70	20	5	9
		HCN	2500	30	70	10	15	>20
E	15	SO ₂	2500	30	70	5	15	20
K	15	NH ₃	2500	30	70	25	15	33

Performance particle filtration:

Filter type	Class	Flow (l/min)	Aerosol	Max Allowed Penetration %	Max Measured Penetration (%)
P	2	95	NaCl	6	1.4
			Paraffin oil	6	3.4

The dust filter media has been tested according to the so called "long duration" tests to EN 143:2000/A1:2006, but the respirator is for definition on the reference standard to be used for a single shift.



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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. The filter isn't suitable for the protection against organic vapours whose boiling point is lower than 65 °C, Carbon Monoxide (CO), Nitrogen Oxides.

The respirator, for standard definition, is designed for single use only.

CLASSIFICATION

Respirator complying with the provisions of Regulation PPE 2016/425/EU.

Filtering device for self-rescue against gases and dusts ABEK P, class 15 minutes, according to DIN 58647-7:1997 standard.

Non-electrical equipment as defined in Atex Directive 2014/34/EU. Classification: II 1G Ex h IIC T6 Ga / II 1D Ex h IIIC T85°C Da.

MARKING



MATERIALS

Case:	Polypropylene
Face piece :	Silicone
Filter Housing:	Polypropylene
Filter Media:	Activated Carbon and filter paper

STORAGE

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

WEIGHT

Respirator: 306 g approximately – Respirator and container: 430 g approximately.

DIMENSIONS/PACKING

The respirator, in its container, is sold singularly in a plastic bag which also includes the information notice.

Dimensions of the respirator in its container: 125 x 90 x 130 mm.

SHELF LIFE

Respirators duly stored and in their original packaging will last five years from production. The expiry date is stamped onto the filter label and on the respirator container.

Upon expiration it is possible to replace filter and seals of the product to extend the life of the respirator for five more years.

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.