

# FILTER

**Model EURFILTER A2B2E2K2 Hg CO NO P3 R**

**Code 7070**

Combined multipurpose filter with universal threaded connection EN 148-1 for organic gases and vapours (in italiano dice solo vapori) with boiling point above 65°C, inorganic gases, acid gases, sulfur dioxide (SO<sub>2</sub>), ammonia (NH<sub>3</sub>) and its organic derivatives, mercury vapours, carbon monoxide (CO), nitrous gases (NO), dusts, fumes, and mists.

The filter can be used on **PANAREA** full face mask code 7000, or other similar masks, that are provided with the universal threaded connection EN 148-1.



## TECHNICAL SPECIFICATIONS

Breathing resistance

at 30 l/min: 1.7 mbar

at 95 l/min: 6.8 mbar

Filter Type	Class	Test gas	Concentration PPM	Flow Test l/min	UR Test %	Concentration Rapture PPM	Min duration	
							Legal requirement	Test
A	2	C <sub>6</sub> H <sub>12</sub>	5000	30	70	10	35	> 50
B	2	Cl <sub>2</sub>	5000	30	70	0.5	20	> 70
		H <sub>2</sub> S	5000	30	70	10	40	> 120
		HCN	5000	30	70	10	25	> 60
E	2	SO <sub>2</sub>	5000	30	70	5	20	> 40
K	2	NH <sub>3</sub>	5000	30	70	25	50	> 70
NO	/	NO	2500	30	70	5	20	> 40
		NO <sub>2</sub>	2500	30	70	5	20	> 40
Hg	/	Hg	1.6 ml/m <sub>3</sub>	30	70	0.1 ml/m <sub>3</sub>	>100h	> 120h
CO	20 min	CO	10000	20.7 g/m <sub>3</sub>		200	> 20	> 20

### Particle filtration performance - "long duration" P3 R.

Filter type	Class	Test flow l/min	Test aerosol	Max allowed	Max measured
				penetration %	penetration %
P R	3	95	NaCl	0.05	Max 0.003
			Paraffin oil	0.05	Max 0.002

The filter was tested, and found complying with the long-duration tests prescribed in EN 143:2000 + A1:2006; it is therefore marked with an R, to indicate that the filter can be used for more than one work shift.

### Use limitations

Do not use in environments, where oxygen concentration is below 17% in volume and there is presence of gases and/or vapours other than those specified.

The filter is not suitable for retaining organic gases and/or vapours with a boiling point below 65°C. The filter can be used only once with CO and NO, and up to 50 h. with Hg.



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### CLASSIFICATION

Filter complying with directive 89/686/CEE (DPI)

The filter is certified according to norms:

1. EN14387:2004 for class 2 ABEK, NO and Hg
2. EN143:2000 + A1:2006 class P3 R for the dust
3. DIN58620 class 20 for the protection against CO

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

**MARKING**  **0426**

### MATERIALS

Body: Aluminium

Filtering material: active carbon and TNT tissue for the gas part and pleated filtering paper for the dust part

### STORAGE

store product at temperature between -20°C and +50°C, with no more than 80% relative humidity.

**WEIGHT** approx. 470 g.

### PACKAGING

Filters are sold in single boxes of dimensions 100x100x100mm, and in 20 piece gross boxes of dimensions 530x440x340mm.

### EXPIRATION DATE

When properly stored in its original package, the filter has an expected lifetime of 6 years from date of manufacture. The expiration date is indicated on the filter label.

*Gas filters in practice do not have a determined lifespan. The lifespan indicated by EN standards are applicable only to lab tests performed under predetermined conditions. It is common practice to dispose of a filter, when the user perceives the smell of gas. However, not all substances have an odour threshold such as to allow detection before the concentration reaches dangerous levels.*

**For more information, please refer to the info sheet in the product box.**

*NOTE: Milla S.r.l. declines any responsibility for any involuntary error, and reserves the right to change materials and technical characteristics at any time and with no prior notice.*