



TECHNICAL DATASHEET

RSG BLITZ 5 & BLITZ 10

Discription

BLITZ 5 or 10 is an escape device with ABEK filter, equipped with a mouthpiece and a nose clip, conforming to DIN 58647-7. BLITZ protects respiratory organs from organic vapours and gases with a boiling point higher than 65 °C, inorganic vapours and gases, acidic and basic vapours and gases. Protection is limited with respect to compounds with a boiling point lower than 65°C and in highly toxic concentrations.

- The device does not protect from carbon monoxide or oxygen lack, since it does not provide oxygen.
- The duration of respirator BLITZ is 5 or 10 minutes.



Aproval

These products comply with the EU 2016/425 Regulation for Personal Protective Equipment and are thus CE marked.

Product approval by: ITALCERT – ITALY - Notified Body number 0426

Production Control Module D: ITALCERT; ITALY - Notified Body nr. 0426

Marking on the product: DIN 58647-7



Breathing resistance

The test is conducted with continuous flow of air at 95 l/min at a temperature of 20 ° C and relative humidity of 70% according to the following table:

Class	Weight of the device	Resistance mbar max inspiratory	Resistance mbar max expiratory
5 min	600	8	8
Average values of 20 tested samples		6.2	5.5
10 min	600	8	5
Average values of 20 tested samples		4.8	4.8

Performance

The test is conducted with continuous flow of air at 30 l/min at a temperature of 20° C and relative humidity of 70% according to the following table:

Class	Test gas	Concentration	Minimum Breakthrough Time		Typical values	
			5	10	5	10
5 10	C6H12	2.500	5 min	10 min	25 min	35 min
5 10	Cl2	2.500	5 min	10 min	12 min	13 min
5 10	HCN	2.500	5 min	10 min	18 min	11 min
5 10	SO2	2.500	5 min	10 min	8 min	13 min
5 10	NH3	2.500	5 min	10 min	14 min	20 min
5 10	H2S	2.500	5 min	n.a.	30 min	n.a.
5 10	H2S	10.000	2 min	3 min	5 min	4 min



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Materials

- Box: PP
- Filter: ABS
- Mouthpiece: SILICONE
- Filtering element: Active carbon and TNT

Storage

BLITZ, in its original packaging, can be stored in environments with temperature between -10°C and +50°C, and in the presence of humidity lower than 90%.

Donning and use

For Fitting the steps are:

- Break the seal and open the pack by pulling the tab on its cover
- Take the filter with the mouthpiece
- Put the mouthpiece in your mouth and close your lips around it
- Put the clip on your nose and breathe through your mouth only
- Do not speak during use
- Leave the dangerous area.
- The opening is simple and fast, the donning is instinctive, in order to immediately isolate the user from the external polluted environment.
- Blitz 5 has a sealing system that verifies that no tampering, falls or accidental openings may have occurred.
- BLITZ 5 is very small, can be put in the pocket or can be fastened to the belt

Codes

1 RSG Blitz 5	Mouthpiece nose clip ABEK 5 min	Code 50 00 05
2 RSG Blitz 10	Mouthpiece nose clip ABEK 10 min	Code 50 00 10