



Respiratory Protection

ESCAPE DEVICES WITH FILTER

Poliblitz ABEK 10





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Filter type emergency respirator for escape from buildings and industrial areas in case of accidental pollution by toxic gases or vapours.



DESCRIPTION

Type A-B-E-K filter, it allows protection against organic and inorganic vapours (including chlorine, cyanidric acid, hydrogen sulphide), sulphur dioxide, ammonia and derived substances.

- **Poliblitz ABEK 10** is suitable for use in potentially explosive atmospheres (**Poliblitz ABEX 10 Ex**). The device is of Group II (for civil and industrial environments); Category 1, for 0 and 20 zones (by far the zones with the highest risk of explosion).
- The filter doesn't give protection from dusts, fumes or carbon monoxide. It is not therefore suitable in case of fire.
- **Poliblitz ABEK 10** as emergency respirator is for its nature a single use device, but it has been designed for considering reconditioning after possible use or reaching filter expiration.
- The duration of respirator is 10 minutes

MAIN FEATURES

PP carrying case, impact resistant. Instructions for use and pictogram are printed on the box.

Perfectly sealed by adhesive strap with steel clip for hanging on the waist belt or the wall.

One size fits all faces

Very quick donning (two-point harness)

Rubber harness, **easily adjustable**

Rubber half mask type **POLIMASK® 230** (equipped with exhalation valve)

Multi purpose gas filter type **A-B-E-K**

PERFORMANCES



Lightness



Adaptability



Easy donning



Sturdiness



Shelf life

APPLICATION FIELDS



Petrochemical



Industrial



Chemical-Pharmaceutical Industry

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 (less than)	Resistance mbar Maximum inspiratory (DIN 58647-7 requirement)	Resistance mbar Maximum expiratory
10 min	450	8	5
Average values		1,8	0,6

FILTER CAPACITY

The POLIBLITZ ABEK 10 escape respirator, has been certified in compliance with DIN 58647-7 Norm, and resulted to be a 10 minute class device, therefore granting, in test condition specified in the Norm, filter duration higher than minimum shown in the following table:

Type	Testing gas	Concentration (% in volume)	Concentration (mg/l)	Minimum duration according to the reference standard (min.)
A	Cyclohexane (C6H12)	0,25	8,7	>10
B	Chlorine (Cl2)	0,25	7,4	>10
B	Hydrogen sulphide (H2S)	0,25	3,6	>10
B	Hydrocyanic acid (HCN)	0,25	2,8	>10
E	Sulphur dioxide (SO2)	0,25	6,7	>10
K	Ammonia (NH3)	0,25	1,8	>10
B	Hydrogen sulphide (H2S)	1,0	14,2	>3

MATERIALS

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

WEIGHT

- Product ready to use: 290 g
- Product with carrying case: 410 g

STORAGE

- Shelf life: 4 years, in its original packaging. After expiry date, PoliblitZ ABEK 10 is required to be maintained
- Temperature: +2°C a +55°C
- Humidity: < 80%.

DONNING AND USING

Ensure first that the POLIBLITZ ABEK 10 case is sealed and not damaged and that the expiry date has not passed. If the seal has been tampered or the expiry date exceeded do not use the device.

- Pull the respirator out of its case after removing the protective adhesive tape from the container.
- Place the half-mask on the face with one hand and pass the harness over the neck by using the other hand.
- With both hands, hook the harness behind the neck and pull, if necessary the free straps of the harness to improve the adjustment of the mask on the face and therefore its leak tightness.
- Breathe a few times and leave straight away the polluted area, but without running.

CERTIFICATIONS

- Approved in accordance with DIN 58647-7. Certified according to European Regulation 2016/425.
- Poliblitiz ABEK 10 “Ex” has a specific marking for protection against explosions: II 1 GD T6 X.

ITEM NO.

- Poliblitiz ABEK 10 **43390221**
- Poliblitiz ABEK 10 “Ex” **43390226**