



Respiratory Protection

ESCAPE DEVICES WITH FILTER

Poliblitz ABEK 15





Respiratory Protection
ESCAPE DEVICES WITH FILTER

Poliblitz ABEK 15

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 15** is suitable for use in potentially explosive atmospheres (**Poliblitz ABEX 15 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 15** 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 15 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.



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
15 min	800	8	5
Average values		2,5	1,1

FILTER CAPACITY

The POLIBLITZ ABEK 15 escape respirator, has been certified in compliance with DIN 58647-7 Norm, and resulted to be a 15 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	>15
B	Chlorine (Cl2)	0,25	7,4	>15
B	Hydrogen sulphide (H2S)	0,25	3,6	>15
B	Hydrocyanic acid (HCN)	0,25	2,8	>15
E	Sulphur dioxide (SO2)	0,25	6,7	>15
K	Ammonia (NH3)	0,25	1,8	>15
B	Hydrogen sulphide (H2S)	1,0	14,2	>5

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, Poliblitiz ABEK 15 is required to be maintained
- Temperature: +2°C a +55°C
- Humidity: < 80%.

DONNING AND USING

Ensure first that the POLIBLITZ ABEK 15 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.
- Poliblitz ABEK 15 “Ex” has a specific marking for protection against explosions: II 1 GD T6 X.

ITEM NO.

- Poliblitz ABEK 15 4339 0230
- Poliblitz ABEK 15 “Ex” 4339 0225

ACCESSORIES

Poliblitz maintenance kit (filter 230 type ABEK and sealing red tape). 4201 0630