

214 ABEK1

Cod. 8011111

EN 14387:2004+A1:2008



EN 14387:2004+A1:2008		ABEK1	214 ABEK1
Minimum breakthrough time (min)	Cyclohexane C ₆ H ₁₂ (1000 ppm)	> 70	92
	Chlorine Cl ₂ (1000 ppm)	> 20	26
	Hydrogen sulfide H ₂ S (1000 ppm)	> 40	60
	Hydrogen cyanide HCN (1000 ppm)	> 25	39
	Sulfur dioxide SO ₂ (1000 ppm)	> 20	28
	Ammonia NH ₃ (1000 ppm)	> 50	65
Breathing Resistance (mbar)	Insp 15 l/min	< 1,0	0,4
	Insp 47,5 l/min	< 4,0	1,2

Characteristics

The filter 214 is a gas filter and protects against gaseous contaminants. The filter 214 is equipped with a bayonet connection which allows to use, in pairs, on half masks and full face masks equipped with compatible connection.

Application

The filter 214 is a filter that protects against organic gases and vapors, inorganic gases and acids, from sulfur dioxide and ammonia vapors and its derivatives; gases must have a boiling point above 65 °C.

Protection

Exposure limit filter 214:
with half masks: for gases and vapors * 50 x TLV;
with full face masks: for gases and vapors 2000 * x TLV
* = FPN (nominal protection factor) as specified in EN 529:2005.

Materials

The filter 214 is manufactured with the following materials:

- Filter housing: ABS
- Gas filter: carbon layer type ABEK

Height (bayonet): 28 mm

Diameter: 90 mm

Weight: 93 ± 3 g

These filters can be used on half and full face masks.

Certification

The filter 214 is CE marked as a PPE Category III under the European Directive 89/686/EEC according to the harmonized standard EN 14387:2004 + A1: 2008. The conformity of the PPE model in question (Article 10) and production control with monitoring (Article 11.B) are rated by Srl Italcert Notified Body n° 0426.

BLS is a company with a quality management system certified according to ISO 9001:2008.

Certification tests

The filter 214 complies to EN 14387:2004 + A1: 2008 norm and has passed Standards for Class 1 tests for the gas.

• Breathing Resistance

The resistance of the filter to the air flow must be as low as possible and, in any case, must be greater than the following values for the gas filters (Section 6.11 of EN 14387): with air flow to 15 l / min should not exceed 1.0 mbar and with airflow to 47.5 l / min should not exceed 4.0 mbar.

• Capacity of protection (the gas)

The filter 214 is tested according to par. 6:12 of standard EN 14387:2004 to verify the minimum time of rupture, when exposed to a test gas at a certain concentration. For the filter 213 the test gas used is that provided by the standard and reported in the table, with the corresponding break down time.

Application, Limitation, Warning

Applications, Limitations, Precautions

BLS filters should not be used in the following circumstances:

- Where the nature and concentration of the contaminant are unknown, - where the oxygen content is less than 17% by volume (easily in closed environments such as wells, tunnels, tanks or without ventilation), - where the contaminant is found to be carbon monoxide or otherwise odorless and tasteless - where certain conditions are an immediate danger to life and health of the operator - the filter must not be changed or altered, - leave the work area where the filter or breathing apparatus has been damaged and if you have difficulty in breathing and / or illness - people with impaired sense of smell must refrain from the use of air-purifying respirators, - at work with open flames or in the presence of molten metal splashes the use of personal protective equipment with gas filters may pose a risk to the operator.

Use and maintenance of the filters

BLS filters should be attached to BLS bayonet compatible half masks and full face masks. Each new filter pair is packed in a sealed bag. The filters should be used in pairs. Choose the filter correctly by the color and the identification and verify that the filter type is the right one for its intended use. Check that the filter has not expired (the expiration date is printed on each filter, this date will be valid if the filter is maintained according to storage instructions). Check the air filter and snorkel for cracks or damage. To use, open the sealed pouch, insert the two filters in the appropriate half mask or full face mask filter holders, pushing them manually until they stop.

Under normal conditions of use, the duration of the filters depends not only on the concentration of the contaminant by many other factors difficult to determine, as the rate of air humidity, the temperature, the volume of air inhaled the state of fatigue of the subject, etc.. The operator shall leave the work area and replace the filters when he begins to perceive the smell of the contaminant. At the end of the shift, you need to store the respirator in a clean and dry according to the instructions in respirator user manual.

BLS filters are maintenance free and at the end of their use should not be blown, washed or regenerated in any way. Used filters must be replaced at once and disposed of according to national regulations and taking into account the substance that they absorbed.

Storage time: 5 years (factory sealed), which is indicated on the label of the filter (hourglass symbol).

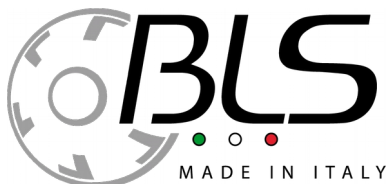
Storage conditions: temperature between -10 ° C and +50 ° C, relative humidity <80%.

Minimum unit of sale box (8 filters)

For more information, please refer to the instruction manual for the use of BLS filters.

Technical Details

Each filtered is tested:
- breathing resistance and
weight for gas protection
(carbon)



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