

AVES[®]

DEDICATED FILTER 322 A1B1E1K1P3 R

Article No: 37158AV317

AV-322 ABEK1P3 R is a gas filter and protects against gaseous contaminants and airborne dusts. AV-322 ABEK1P3 R filter is equipped with a special threaded connection allowing to use it, in pair, on AVES-BLS half masks, AV-TP2000 S and on full face masks AV-BLS 5250.



PROTECTION

Exposure limit for AV-322 ABEK1P3 R filter:
With half masks: for gases and vapours until to 48* x TLV;
with full face mask: for gases and vapours until to 1000* x TLV;
* = NPF (Nominal Protection Factor) as detailed in EN 529:2005 standard.

APPLICATION

AV-322 ABEK1P3 R filter protects against organic, inorganic acid gases and vapours, sulphur dioxide, ammonia vapours and its derivatives. Gases must have a boiling point above 65°C. It can be used with substances as solvents, toxic particles and microorganisms, etc. It is classified in terms of capacity as a class 1 gas filter (medium capacity filter) for the gas part and a class 3 filter (high capacity filter) for the dust part.

MATERIALS

The AV-322 ABEK1P3 R filter is made of:

- Filter case: ABS
- Gas filtering part: activated charcoal ABEK
- Filtering layer: filtering pleated layer of glass fibres

Height (thread excluded): 45 mm

Diameter: 96 mm

Weight: 140±7 grams

This filter can be used on full face masks and half masks.

TECHNICAL SPECIFICATIONS

EN 14387:2004+A1:2008 Tests		ABEK1P3 R	322
Minimum breakthrough time (min)	Cyclohexane C6H12 (1000 ppm)	> 70	92
	Chlorine Cl2 (1000 ppm)	> 20	57
	Hydrogen Sulphide H2S (1000 ppm)	> 40	57
	Hydrogen Cyanide HCN (1000 ppm)	> 25	39
	Sulphur Dioxide SO2 (1000 ppm)	> 20	51
	Ammonia NH3 (1000 ppm)	> 50	65
Filter penetration (DOP)(%)	After 3 min	< 0,05	0,0132
	After 3 min	< 0,05	0,0168
	After storage	< 0,05	0,0179
Breathing resistance (mbar)	inhal. 15 l/min	< 2,2	1,3
	inhal. 47,5 l/min	< 8,2	4,5

TYPE	COLOUR	PROTECTION
A	BROWN	Organic gases and vapours with a boiling point higher than 65°C
B	GREY	Inorganic gases and vapours
E	YELLOW	Acid gases
K	GREEN	Ammonia and derivatives
AX	BROWN	Organic gases and vapours with a boiling point lower than 65°C
P	WHITE	Particles, dust and mist



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