

AVES[®]

DEDICATED FILTERS 314 FILTER AIBIE1K1

Article No.: 37158AV316

AVES-BLS AV-314 ABEK1 is a gas filter and protects against gaseous contaminants. AV-314 ABEK1 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 AVES-BLS AV-5250.



TECHNICAL SPECIFICATIONS

PROTECTION

Exposure limit (maximum concentration permitted for gases, organic and inorganic vapours and acid) for AV-314 ABEK1 gas filter:

with half mask: for gas and vapours 30* x TLV or 1000 ppm considering as limit the lower value. With full face mask: for gas and vapours 400* x TLV or 1000 ppm considering as limit the lower value.

*APF as shown in EN 529:2005 (Italy)

APPLICATION

AV-314 ABEK1 filter protects against organic, inorganic and acid gases and vapours, sulphur dioxide, ammonia vapours and its derivatives. Gases must have a boiling point above 65°C. It is classified in terms of capacity as a class 1 gas filter (low capacity filter).

MATERIALS

AV-314 ABEK1 filter is made of:

- Filter case: ABS
 - Gas filtering component: activated charcoal ABEK type
- Height (thread excluded): 29 mm
Diameter: 93 mm
Weight: 96±5 g

EN 14387:2004+A1:2008 Tests

		ABEK1	314
Minimum breakthrough time (min)	Cyclohexane C6H12 (1000 ppm)	> 70	92
	Chlorine C12 (1000 ppm)	> 20	26
	Hydrogen Sulphide H2S (1000 ppm)	> 40	>60
	Hydrogen Cyanide HCN (1000 ppm)	> 25	39
	Sulphur Dioxide SO2 (1000 ppm)	> 20	28
	Ammonia NH3 (1000 ppm)	> 40	65
Breathing resistance (mbar)	inhal. 15 l/min	< 1,0	0,4
	inhal. 47,5 l/min	< 4,0	1,2

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



**QUALITY
INNOVATION
FUNCTIONALITY**

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