

# AVES®

## STANDARD CONNECTION FILTER 414 A2B2E2

Article No: 37158AV417

The AV-414 ABE2 filter is an anti gas filter that protects against contaminant gases. AV-414 ABE2 filter is equipped with a standard threaded connection conforming to EN 148-1 standard and it's possible to use it on half mask and full face mask equipped with the same standard connection.



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## TECHNICAL SPECIFICATIONS

### PROTECTION

Exposure limit for filter AV-414:  
with half mask: until to 30\* x TLV.  
with full face mask: until to 400\* x TLV.  
\* = APF (Assigned Protection Factor) as detailed in EN 529:2005 standard

### APPLICATION

The AV-414 ABE2 filter that protects from organic gases and vapours, inorganics acids and gases, sulphur dioxide; gases must have a boiling point upper than 65°C. It is a filter classified as class 2 (medium efficiency filter) for the anti gas part.

### MATERIALS

The AV-414 filter is made by:  
• Filter case: ABS  
• Gas filtering part: activated charcoal ABE  
Height (thread excluded): 60 mm  
Diameter: 100 mm  
Weight: 251±5 grams  
These filters can be used on full face masks and half masks.

### Test according to EN 14387:2004

		ABE2	414
Minimum breakthrough time (min)	Cyclohexane C6H12 (5000 ppm)	> 35	40
	Chlorine Cl2 (5000 ppm)	> 20	42
	Hydrogen Sulphide H2S (5000 ppm)	> 40	80
	Hydrogen Cyanide HCN (5000 ppm)	> 25	45
	Sulphur Dioxide SO2 (5000 ppm)	> 20	24
Breathing resistance (mbar)	inhal. 30 l/min	< 1,4	1,2
	inhal. 95 l/min	< 5,6	5,0

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  
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