

TECHNICAL DATASHEET

PRO2000 CF32 A2B2E2K2Hg-P3 R / ABEKHg PSL R COMBINED FILTER

DESCRIPTION

Combined filter CF32 A2B2E2K2Hg-P3 R / ABEKHg PSL R protects against:

- Gases and vapours from organic compounds with a boiling point above 65°C.
- Inorganic gases and vapours, e.g. chlorine, hydrogen sulphide, hydrogen cyanide
- Acid gases and vapours, e.g. sulphur dioxide
- Ammonia and organic ammonia derivatives
- Mercury vapour and mercury compounds.
- Solid and liquid, radioactive and toxic particles and micro-organisms (e.g. bacteria, viruses and spores) and enzymes.
- R = Reusable EN143-A1:2006 (mechanical removing method of particles)
- PSL approved with a powered air respirator
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NOTE: Maximum usage time of Hg-filter is 50 h (EN14287:2004).



APPROVALS

Ref.no	Package	EN standard	CE-mark	Certificate no	Date
5542798	20 pcs	EN 14387:2004 & EN 143	CE 0121	BGIA 0501176	1.12.2005

TEST RESULTS. (Average values, full test reports available from Scott Safety customer service)

Feature	CF32 A2B2E2K2Hg-P3 R	EN14387 & EN143 requirement
Weight:	371g	Max 500g with full face mask
Breathing resistance:		
30 l/min	1.3 mbar	Max 2.6 mbar
95 l/min	4.5 mbar	Max 9,8 mbar
Gas filter capacity with test gas @ 30 l/min (with negative pressure respirators, average values):		
Cyclohexane C ₆ H ₁₂ (0.5 vol.-%)	55 min	Min 35 min
Chlorine Cl ₂ (0.5 vol.-%)	45 min	Min 20 min
Hydrogen Sulphide H ₂ S (0.5 vol.-%)	>80 min	Min 40 min
Hydrogen Cyanide HCN (0.5 vol.-%)	50 min	Min 25 min
Sulphur Dioxide SO ₂ (0.1 vol.-%)	23 min	Min 20 min
Ammonia NH ₃ (0.5 vol.-%)	106 min	Min 40 min
Mercury vapour Hg (13 mg/m ³)	>100 min	Min 100 min
Particle filter efficiency @ 95 l/min:		
Sodium chloride NaCl (S)	< 0.001%	Max 0.05% (EN143)
Paraffin oil (L)	< 0.003%	Max 0.05% (EN143)
Dimensions:		
Height:	105 mm	
Diameter:	110 mm	
Volume	220 ml	
Thread:	40 mm	EN148-1
Other data:		
Casing material	Polypropylene, reinforced	
Storage time	5 years (factory sealed)	
Temperature / storage	-10 ... + 50 °C (factory sealed)	
See limitations of use: Scott Safety instructions of use for Pro2000 filters		