

TECHNICAL DATASHEET

PRO2000 COMBINATION FILTER CF32 A2B2E2K2Hg-P3




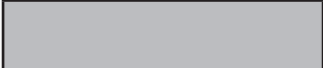




DESCRIPTION

The Scott Safety Pro2000 filters are suitable for use with the Scott Safety Promask Single Filter and M98 Full Face Respirators.

Scott Safety Pro2000 filters have a 40mm thread connection.

PROTECTION

Pro2000 Combination Filter CF32 A2B2E2K2Hg-P3 protects against:

COLOUR CODE	PROTECTS AGAINST
	A Gases & vapours from organic compounds with a boiling point above 65°C
	B Inorganic gases & vapours, eg. chlorine, hydrogen sulphide, hydrogen cyanide
	E Acid gases & vapours, eg. sulphur dioxide
	K Ammonia & organic ammonia derivatives
	Hg Mercury & mercury vapour
	P3 Solid & liquid, radioactive & toxic particles & microorganisms eg. bacteria, viruses & enzymes

NOTE: Maximum usage time of Hg filter is 50 hours

Test gas concentration: Negative pressure respirators: Gas Filter Class 2: 0.5 vol.-% (5000 ppm).

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TECHNICAL SPECIFICATIONS

FEATURE	CF32 A2B2E2K2Hg-P3	AS/NZS 1716 REQUIREMENT
Weight	371g	max 500g with full face respirator
Breathing Resistance		
30 l/min	1.3 mbar	2.6 mbar
95 l/min	4.5 mbar	9.8 mbar
Gas filter capacity with test gas @ 30 l/min (with negative pressure respirators)		
Cyclohexane C ₆ H ₁₂ (0.5 vol-%)	55min	minimum 35 min
Chlorine Cl ₂ (0.5 vol-%)	45min	minimum 20 min
Hydrogen Sulphide H ₂ S (0.5 vol-%)	>80 min	minimum 40 min
Hydrogen Cyanide HCN (0.5 vol-%)	50min	minimum 25 min
Sulphur Dioxide SO ₂ (0.5 vol-%)	23min	minimum 20 min
Ammonia NH ₃ (0.5 vol-%)	106min	minimum 40 min
Mercury vapour Hg (13 mg/m ³)	>100min	minimum 100 min
Particle filter efficiency @ 95 l/min		
Sodium Chloride NaCl (S)	<0.003%	0.05%
Paraffin oil (L)	< 0.005%	0.05%
Dimensions		
Height	105mm	
Diameter	110mm	
Volume	320ml	
Thread	40mm	
Other data		
Casing material	Polypropylene, reinforced	
Storage time	5 years (factory sealed)	
Storage temperature	-10... +50°C (factory sealed)	
<i>See limitations of use Scott Safety instructions of use for Pro2000 filters</i>		

APPROVAL INFORMATION

Certified to AS/NZS 1716:2012

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ORDERING INFORMATION

PART NUMBER	DESCRIPTION
042798	Pro2000 CF32 A2B2E2K2Hg-P3 Filter

STORAGE

Storage and maintenance of a filter: The filters are sealed in plastic bags by the manufacturer. Store the filters unopened in a clean place at even temperature, most appropriate at 0...+30°C and relative humidity below 75%. Sealed filters tolerate also conditions of -10...+50°C and below 95% RH. The storage period (month and year) for filters is marked on the filter tape. Do not try to regenerate the filters. Never clean the filters with compressed air or compressed water.

After use, the filters are special refuse. Make sure that they are disposed of according to the filtered substance (gases or particles) in accordance with current waste treatment regulations.

DISPOSAL

If the product is to be disposed of, it should be dismantled from the respirator and disposed of as solid waste. Please see local authority regulations for disposal advice and locations.