

# TECHNICAL DATASHEET

## PRO2000 COMBINATION FILTER CF22 A2B2E1-P3



### DESCRIPTION

The Scott Safety Pro2000 filters are suitable for use with the Scott Safety Promask Single Filter, M98 and M95 Full Face Respirators.

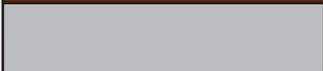
A selected number of Scott Safety Pro2000 filters

are also approved for use with Scott Safety Powered Air Respirators.

Scott Safety Pro2000 filters have a 40mm thread connection.

### PROTECTION

Pro2000 Combination Filter CF22 A2B2E1-P3 protects against:

COLOUR CODE	PROTECTS AGAINST
	<b>A</b> Gases & vapours from organic compounds with a boiling point above 65°C
	<b>B</b> Inorganic gases & vapours, eg. chlorine, hydrogen sulphide, hydrogen cyanide
	<b>E</b> Acid gases & vapours, eg. sulphur dioxide
	<b>P3</b> Solid & liquid, radioactive & toxic particles & microorganisms eg, bacteria, viruses & enzymes

PSL approved with Scott Proflow SC 120 powered air respirator

Test gas concentration: Negative pressure respirators:

Gas Filter Class 2: 0.5 vol.-% (5000 ppm)

Gas Filter Class 1 (E1): 0.1 vol.-% (1000 ppm)

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## TECHNICAL SPECIFICATIONS

FEATURE	CF22 A2B2E1-P3	AS/NZS 1716 REQUIREMENT
Weight	267g	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 gases: @ 30 l/min (with negative pressure respirators)		
Tetrachloromethane CCl <sub>4</sub> (0.5 vol%)	50min	minimum 40 min*
Chlorine Cl <sub>2</sub> (0.5 vol%)	55min	minimum 20 min
Hydrogen Sulphide H <sub>2</sub> S (0.5 vol%)	>120 min	minimum 40 min
Hydrogen Cyanide HCN (0.5 vol%)	56min	minimum 25 min
Sulphur Dioxide SO <sub>2</sub> (0.5 vol%)	26min	minimum 20 min
* Class A test (AS/NZS 1716) is cyclohexane service life 35 min		
Particle filter efficiency @ 95 l/min		
Sodium Chloride NaCl (S)	<0.001%	0.05%
Paraffin oil (L)	< 0.003%	0.05%
Dimensions		
Height	95mm	
Diameter	110mm	
Volume	220ml	
Thread	40mm	
Other data		
Casing material	Polypropylene, reinforced	
Storage time	5 years (factory sealed)	
Storage temperature	-10... +50°C (factory sealed)	
See limitations of use Scott Safety instructions of use for Pro2000 filters		

## APPROVAL INFORMATION

Certified to AS/NZS 1716:2012.

The performance of this filter when fitted to Scott Safety air powered respirators is measured by the filter and facepiece or PAPR hood being used together and its performance may be affected by this combination. Advice on these combinations should be sought prior to selecting a filter.

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## ORDERING INFORMATION

PART NUMBER	DESCRIPTION
042678	Pro2000 CF22 A2B2E1-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.