

TECHNICAL DATASHEET

PRO2000 PARTICULATE FILTER PF10 P3



DESCRIPTION

The Scott Safety Pro2000 filters are suitable for use with the Scott Safety Promask Single Filter and M98 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 PF10 P3 Filter protects against:

COLOUR CODE	PROTECTS AGAINST
	P Solid & liquid, radioactive & toxic particles & microorganisms eg, bacteria, viruses & enzymes

PSL approved with Scott Proflow SC 120 and Proflow SC 160 powered air respirators

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TECHNICAL SPECIFICATIONS

FEATURE	PF10 P3	AS/NZS 1716 REQUIREMENT
Weight	99g	max 500g with full face respirator
Breathing Resistance		
30 l/min	0.4 mbar	max 1.2 mbar
95 l/min	1.2 mbar	max 4.2 mbar
Filtering efficiency (maximum permitted filter penetration of test aerosols at 95 l/min)		
Sodium Chloride NaCl (S)	<0.001%	max 0.05%
Paraffin oil (L)	< 0.005%	max 0.05%
Dimensions		
Height	59mm	
Diameter	110mm	
Thread	40mm	
Other data		
Casing material	Polypropylene, reinforced	
Storage time	10 years (factory sealed)	
Storage temperature	-10... +50°C (factory sealed)	
<i>See limitations of use Scott Safety instructions of use for Pro2000 filters</i>		

PARTICLE SIZE EFFICIENCY

In addition to AS/NZS 1716 certification, Scott Safety's filter material has been independently tested using a series of aerosols with a very narrow size distribution. This measures efficiency against specific particle sizes. The average efficiency for each test aerosol is the following:

DROPLET SIZE	EFFICIENCY
0.09 micron	99.9993%
0.12 micron	99.9963%
0.18 micron	99.9936%
0.22 micron	99.9948%
0.32 micron	99.9981%

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
052670	Pro2000 PF10 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.