



Pro² Filters

Twin Cartridge Filters



Supplied in pairs for use with Scott twin half mask and full face mask respirators, Pro² cartridge filters provide a broad choice of types to meet a wide range of respiratory hazards. Using the very latest manufacturing technology and highest quality media, each Pro² filter also has a unique protective cover with rear facing grill inlet, maximising working life by protecting the filter media from splashes, sparks and contaminants.

Pro² particle and combined filters use microfibre 'paper' media and do not use any electrostatic filtering methods. Pro² filters are fully EN approved to the latest standards, marked 'R' for re-usable, CE marked, and connect via a locking bayonet mechanism.

CE Approval: EN143, EN14387

Respirators with a twin filter configuration are often chosen to improve acceptance, as cartridge filters are typically smaller than canisters and filter weight is evenly distributed on both sides of the mask. However, being smaller, cartridge filters typically have a lower capacity or duration in gas filtration than canisters (e.g. A1B1E1 rather than A2B2E2), although in the Scott range class A2 is available in both types of filter.

The Scott Safety Pro² filters feature a low breathing resistance; they are light in weight and are certified to AS/NZS 1716. All filters are tested on the automated production line as follows:

- particle filters: penetration and resistance
- gas filters: resistance and carbon layer thickness
- combined filters: penetration, resistance and carbon layer thickness

“The comprehensive range of Pro² cartridge filters offers a secure bayonet fitting and unique individual filter covers to extend duration”

Gas Filter Capacity EN 14387	
Filter Type	Description
A	For use against certain organic gases and vapours with a boiling point higher than 65°C as specified by the manufacturer
B	For use against certain organic gases and vapours as specified by the manufacturer (excluding Carbon Monoxide (CO))
E	For use against certain organic gases and vapours as specified by the manufacturer
K	Against Ammonia (NH ₃) and organic Ammonia (NH ₃) derivatives as specified by the manufacturer
AX	Gas filters and combined filters against low boiling point (below 65°C) organic compounds
Class	Type A, B, E, K, AX are further classified according to their filter capacity
Class 1	Low capacity - up to 1000ppm
Class 2	Medium capacity - up to 5000ppm
Class 3	High capacity - up to 10,000ppm

Particulate classification and efficiency EN 143		
Class	Description	Efficiency
P1	Low efficiency (against coarse and minor solid particles)	80%
P2	Medium efficiency (against solid and liquid hazardous particles)	94%
P3	High efficiency (against solid and liquid toxic particles, and radioactive particles and microorganisms)	99.95%

Pro ² Filters			
Colour Code	Code	Filter Type	Application
Particle Filter			
	2032211	Pro ² P3	Solid and liquid hazardous and radioactive particles, microorganisms, e.g. bacteria and viruses.
Gas Filter			
	2032212	Pro ² A1	Gases and vapours from organic compounds with a boiling point above 65°C (class 1).
	2032213	Pro ² A2	Gases and vapours from organic compounds with a boiling point above 65°C (class 2).
	2032214	Pro ² A1B1E1	Organic, inorganic and acidic gases and vapours.
	2032215	Pro ² A1B1E1K1	Organic, inorganic and acidic gases and vapours and ammonia.
Combined Filter			
	2032216	Pro ² A1-P3	Gases and vapours from organic compounds with a boiling point above 65°C (class 1) and solid and liquid hazardous particles.
	2032217	Pro ² A2-P3	Gases and vapours from organic compounds with a boiling point above 65°C (class 2 for longer duration) and solid and liquid hazardous particles.
	2032218	Pro ² A1B1E1-P3	Organic, inorganic and acidic gases and vapours and solid and liquid hazardous particles.
	2032219	Pro ² A1B1E1K1-P3	Organic, inorganic and acidic gases and vapours, ammonia and solid and liquid hazardous particles.

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