

PureFlo ESM+ PAPR Filter Range



Data Sheet

The ESM+ filter range includes a P3 High Efficiency Particulate Filter (HEPA), Nuisance Odour Filter and ABEP3 Filter for use with the PureFlo ESM+ PF23 and PF33 Powered Air Purifying Respirators.

KEY FEATURES

- High Protection**
 The ESM+ filter range includes respiratory protection against dusts, and oil- and water-based mists, organic and inorganic gases.
- High Capacity**
 High capacity filter media and low pressure drop respiration, enables our filters to provide complete protection with optimal longevity.
- Quick Change**
 PureFlo filters have been designed to be extremely easy to use and quick to change.

TECHNICAL SPECIFICATIONS



	P3	P3 Odour	ABEP3
Approval	EN Approved	EN Approved	EN Approved
Filter Class	P3R Particulate	P3R Nuisance Odour	A1B1E1 P3 Particulate
Standard	EN12941:1998+A2:2008 / AS/NZS 1716:2012	EN12941:1998+A2:2008 / AS/NZS 1716:2012	EN12941:1998+A2:2008 / AS/NZS 1716:2012
Particle efficiency	> 99.98% of particles of 0,3um at 170 L/min	> 99.98% of particles of 0,3um at 170 L/min	> 99.98% of particles of 0,3um at 170 L/min
Weight	195g	195g	580g
Dimensions	150mm x 55mm	150mm x 55mm	210mm x 55mm
Colour	Grey	Grey	Grey
Material Housing	Polypropylene	Polypropylene	Polypropylene and ABS Plastic
Filter Media	Pleated Glass Fibre, Polyurethane Adhesive	Pleated Glass Fibre	Pleated Glass Fibre
Absorbent	N/A	Activated and impregnated carbon	Activated and impregnated carbon
Adhesive	Hot melt adhesive	Hot melt adhesive	Hot melt adhesive

STORAGE CONDITIONS

	P3	P3 Odour	ABEP3
Temperature	-10°C to + 55°C	-10°C to + 55°C	-10°C to + 55°C
Relative Humidity	< 50%	< 50%	< 50%
Expiry Date	5 years after date of manufacture	5 years after date of manufacture	3 years after date of manufacture
Use	Solid and liquid particles	Nuisance levels of organic and inorganic gases and vapours. Removal of solid and liquid particles.	Organic and inorganic gases and vapours; acid gases. Removal of solid and liquid particles.
Limitations for Use	Do not use where the oxygen level in the atmosphere is less than 17%.	Do not use where the oxygen level in the atmosphere is less than 17%. Do not use with organic gases and vapours with a boiling point below 65°C.	Do not use where the oxygen level in the atmosphere is less than 17%. Do not use with organic gases and vapours with a boiling point below 65°C.

The PureFlo range of filters are designed and manufactured in the UK.



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