

PureFlo 1000

Filter Range



Data Sheet

PureFlo 1000 filters provide ultra-low breathing resistance, optimised capacity and patented connection technology.

KEY FEATURES

- **Secure Fit, Any Rotation**
Our filters have been designed to be extremely easy to use. The patented 'Easy-On' filter mechanism enables users to securely mount filters onto their masks from any orientation with ease.
- **High Protection, Low Resistance**
With a minimised pressure drop across filter media and optimised flow geometry, the PureFlo 1000 filter range provides an ultra-low breathing resistance, without compromising protection.
- **Fit Check with Confidence**
When covered, our filters allow negative fit checks to be performed by users before entering hazardous environments.
- **High Capacity**
Lightweight design, high capacity filter media and low pressure drop respiration, enables our filters to provide complete protection with optimal longevity.



FILTER RANGE

PureFlo 1000 filters are available in nine combinations covering particulate, gas and combination filter protection, interchangeable across both half and full face mask.



APPROVALS

Particulate Filters	EN 143:2000
Gas & Combined Filters	EN 14387:2004 + A1:2008

FILTER TYPE, CLASS & APPLICATION

	P3R	A1	A2	ABE1	ABEK1	A1P3RD	A2P3RD	ABE1P3RD	ABEK1P3RD
Filter Type	Particulate	Gas	Gas	Gas	Gas	Combination	Combination	Combination	Combination
Filter Class	P3	Class 1	Class 2	Class 1	Class 1	Class 1 P3	Class 2 P3	Class 1 P3	Class 1 P3
Type A: Organic Gases & Vapour with a boiling point of >65°C		✓	✓	✓	✓	✓	✓	✓	✓
Type B: Inorganic Gases & Vapours				✓	✓			✓	✓
Type E: Acid Gases & Vapours				✓	✓			✓	✓
Type K: Ammonia & Organic Ammonia Derivatives					✓				✓
Particulate	✓					✓	✓	✓	✓

FILTER SPECIFICATION

	Requirement Taken from European Standards	Particulate Only Filter	Gas Only Filter				Gas Only Filter Combined Filter			
Typical Data		P3 R	A1	A2	ABE1	ABEK1	A1P3 R D	A2P3 R D	ABE1P3 R D	ABEK1P3 R D
Weight	Half Mask 300g Full Mask 500g	125	210	210	230	230	250	250	280	280
Pressure Drop	Various - see below	0.9	1.2	1.2	1	1	1.7	1.9	1.8	1.8
		4.2	4	5.6	4	4	8.2	9.8	8.2	8.2
Efficiency %	>99.95	>99.99%					>99.99%	>99.99%	>99.99%	>99.99%
Penetration %	<0.05%	<0.01%					<0.01%	<0.01%	<0.01%	<0.01%
Cyclohexane	70	Class 1	200		150	150	200		150	150
	35	Class 2		50				50		
Hydrogen Cyanide Hydrogen Sulphide Chlorine	25 40 20	Class 1			All Gases >100	All Gases >100			All Gases >100	All Gases >100
Sulphur Dioxide	20	Class 1			65	50			65	50
Ammonia	50	Class 1				90				90

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



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