



### High Efficiency Filtration

PUREflo™ high efficiency filter bags have been designed for demanding applications that require critical particle size retention and dirt holding capacity. Constructed from chemically resistant polypropylene microfibre for a wide range of process applications, PUREflo™ filter bags can achieve particle retention efficiencies of up to 99.9%† Configured from gradient density layers, PUREflo™ filter bags provide all the benefits and convenience of a filter bag system at lower operating costs than other high efficiency technologies.



### Graded Density Filtration

All PUREflo™ high efficiency filter bags are manufactured from chemically resistant polypropylene microfibre media. Multiple layers of polypropylene microfibre media are combined to create a high-loft filter with excellent dirt holding characteristics. The layers are arranged for graded density filtration with the inner layers serving as a pre-filter to remove coarse particles, while the

denser outer layers progressively remove finer particles for a polishing effect.



### Welded Seam

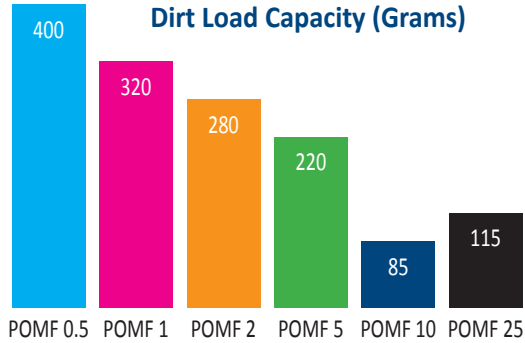
Thermally bonded components coupled with staggered seam construction combine to achieve improved particle retention efficiencies of up to 99.9%

Filter Model	Removal Efficiency	Size removed
POMF 0.5	99.0 %	0.5-1 µm
POMF 1	99.0 %	1-2 µm
POMF 2/3	99.6 %	2-5 µm
POMF 5	99.3 %	5-10 µm
POMF 10	99.8 %	10-15 µm
POMF 25	99.9 %	20-30 µm

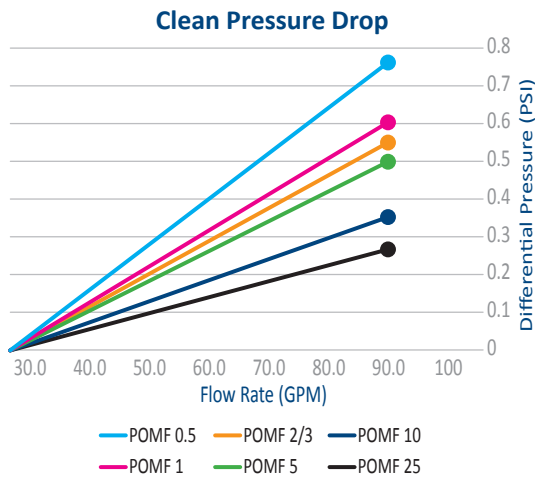
† Efficiency data verified by independent testing laboratory



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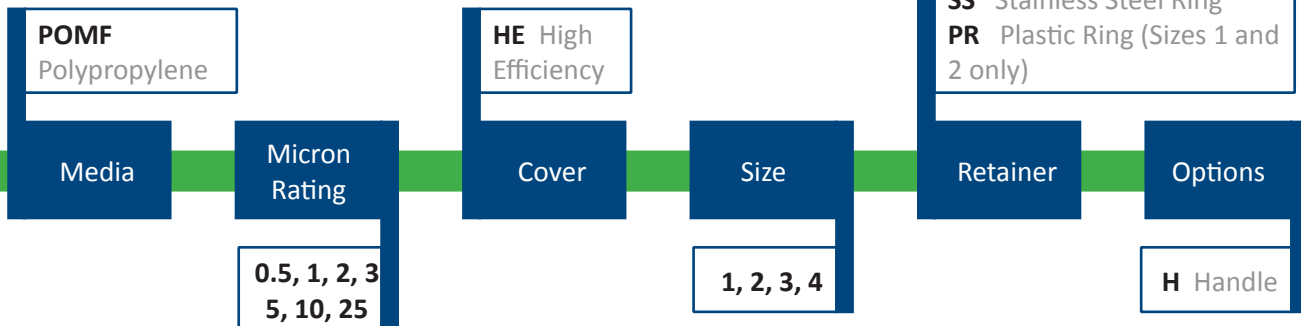
FILTER DIMENSIONS		MAXIMUM FLOW RATE	
Size	Dimension	gpm	m <sup>3</sup> /h
1	7 Ø x 16.5 in / 178 Ø x 419 mm	60	14
2	7 Ø x 32 in / 178 Ø x 813 mm	100	23
3	4 Ø x 8 in / 102 Ø x 203 mm	20	5
4	4 Ø x 14 in / 102 Ø x 355 mm	40	9
Maximum Operating Temperature			
POMF		200 °F	93 °C
Recommended change out at a maximum differential pressure of 25 psi / 1.72 bar			



## Applications

Typical applications suited to PUREflo™ filter bags include:

- Automotive
- Food, Beverage and Petrochemical
- Paint, Coatings, Ink and Adhesives
- Oil and Gas



## Product Codes Example: POMF 1 HE2P

