



High efficiency filtration

LPUREflo™ 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 efficiency 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.

Filter Model	Removal Efficiency	Size removed
POMF 0.5	99.0 %	0.5-1 µm
POMF 1	99.0 %	1-2 µm
POMF 2	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



Graded Density Filtration

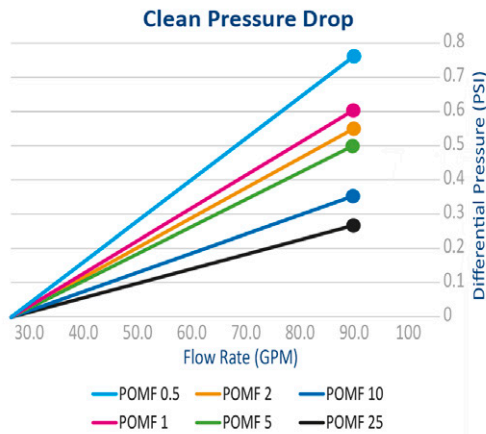
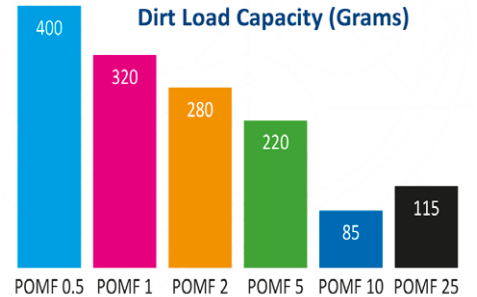
All PUREflo™ high efficiency filter bags are manufactured from chemically resistant polypropylene microfibre media. Multiple layers of polypropylene microfibre media are combined to create a high-loft filter with excellent dirt holding characteristics. The layers are arranged for graded density filtration 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. Thermally bonded components coupled with staggered seam construction combine to achieve improved particle retention efficiencies of up to 99.9%

UP TO 12 LAYERS OF GRADED DENSITY MEDIA

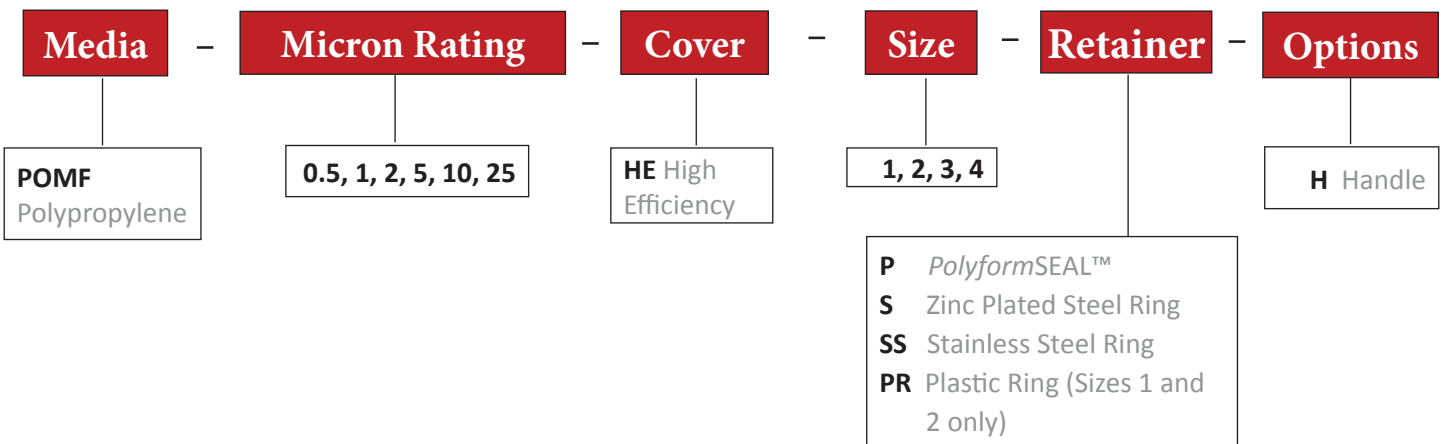


Applications

- Automotive
- Food, beverage and Petrochemical
- Paint, coatings, ink and adhesives
- Oil & Gas



FILTER DIMENSIONS		MAXIMUM FLOW RATE
Size	Dimension	m ³ /h
1	178 Ø x 419 mm	14
2	178 Ø x 813 mm	23
3	102 Ø x 203 mm	4.5
4	102 Ø x 355 mm	9
Maximum Operating Temperature		
POMF		93 °C
Recommended change out at a maximum differential pressure of 1.72 bar		



Product Codes Example: **POMF 1 HE2SH**