

PUREflo

Up to 12 layers of
graded density media



✓ Features & Benefits



Graded Density Filtration

All PUREflo™ high efficiency filter bags are manufactured from chemically resistant polypropylene microfiber media. Multiple layers of polypropylene microfiber 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%

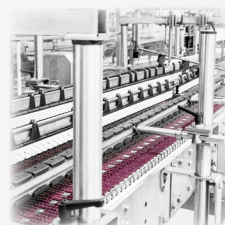


High efficiency filtration

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 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.

✓ Applications of product

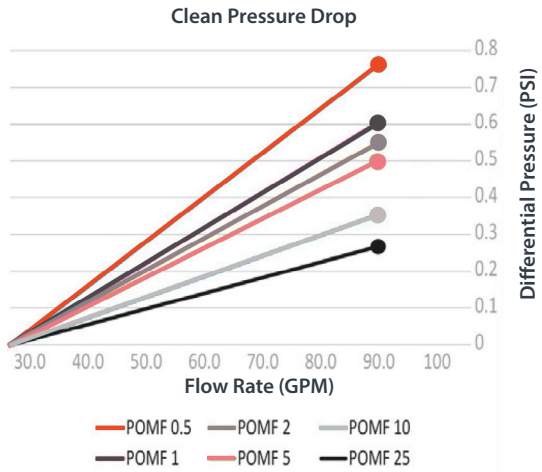
- Automotive
- Food, beverage and Petrochemical
- Paint, coatings, ink and adhesives
- Oil and Gas



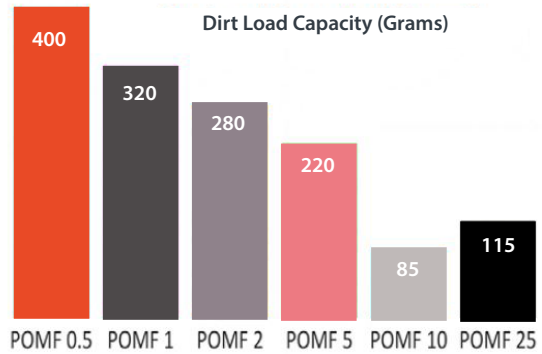


✓ Product specifications

Filter Dimensions		Maximum flow rate
Size	Dimension	m ³ /h
1	178Øx419 mm	14
2	178Øx813 mm	23
3	102Øx203 mm	4.5
4	102Øx355 mm	9
Maximum Operating Temperature		
POMF		93°C
Recommended change out at a maximum differential pressure of 1.72 bar		



Filter Model	Removal Efficiency	Size removed
POMF 0.5	99.0%	0.5-1µm
POMF 1	99.0%	1-2µm
POMF 2	99.6%	2-5µm
POMF 5	99.3%	5-10µm
POMF 10	99.8%	10-15µm
POMF 25	99.9%	20-30µm
* Efficiency data verified by independent testing laboratory		



✓ Ordering Information

Media	Micron Rating	Cover	Size	Retainer	Options
POMF Polipropileno	0.5,1,2,5,10,25	HE High Efficiency	1,2,3,4	P PolyformSEAL™ S Zinc Plated Steel Ring SS Stainless Steel Ring PR Plastic Ring (Sizes 1 and 2 only)	H Handle

- **Product Codes** | Example: POMF 1 HE2SH