

PROflo⁺TM

Extended life filtration

PROfloTM

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Increased Filter Life

IFM's PROflo⁺ filter bag series is designed for longer service life. The PROflo⁺ high performance felt media consists of a unique blend of fine fibres combined to create a thicker, loftier felt media with greater void space. The result is dirt loading capacity improvements of as much as 2 to 4 times compared to the equivalent standard felt product. Longer service life translates into fewer change-outs and lower operating costs. As with standard felt, the PROflo⁺ media is available in both polypropylene and polyester, felt media is surface treated to prevent downstream fibre migration and is compliant to FDA and EU standards.

Engineered Retainer



All PROflo⁺ filter bags come standard with the PolyformSEALTM retainer. Available in both polypropylene and polyester resins, the PolyformSEALTM is a flexible chemically resistant retainer which fits into most filter housings. Our exclusive PolyformSEALTM retainer is designed with four sealing points to ensure bypass-free filtration. The integral handles have a raised profile for ease of installation and removal. In addition, the PolyformSEALTM is manufactured in our on-site injection moulding facility which ensures the

retainers meet our stringent quality requirements. The PolyformSEALTM provides user friendly filtration that will save time and money.

100% Welded Seams



Fully welded using the most advanced welding technologies, the PROflo⁺ filter bag series provides worry-free filtration. The thermally bonded ultra-strong seams eliminate the use of threads and the opportunity for bypass caused by needle holes created by the traditional sewn seams. The result is a filter with excellent seam integrity and improved filtration efficiencies.

Embossed Media and Micron



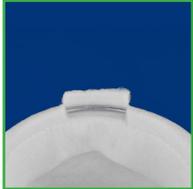
PROflo⁺ filter bag series are embossed with the filter media and micron rating to allow for quick and easy product identification. Traditional paper tags are either removed or destroyed in filtration applications which can lead to misidentification and result in costly production errors. By heat embossing the felt surface, a permanent marking on the filter is created which helps to ensure easy identification and reduce the probability of production errors.



INCREASED FIBRE, MORE LOFT, LONGER SERVICE LIFE



PP 1.0-1



Available with steel ring retainer



Fully welded seams



PROflo⁺ Increased loft and void volume for higher dirt loading



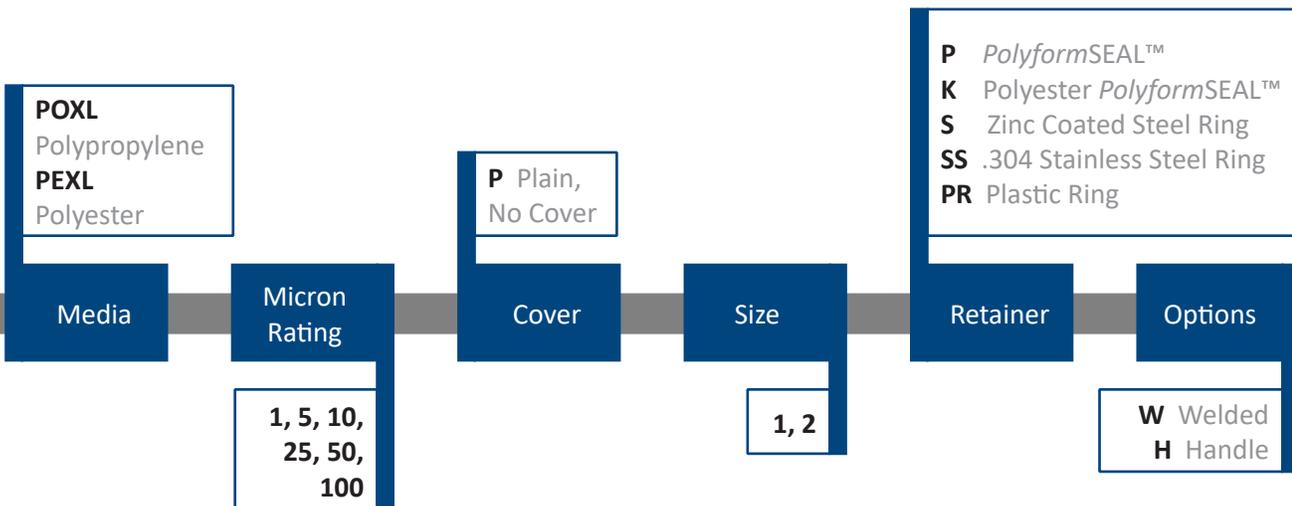
Embossed media and micron

FILTER DIMENSIONS			MAXIMUM FLOW RATE	
Size	Dimension		gpm	m ³ /h
1	7 Ø x 16.5 in	178 Ø x 419 mm	80	18
2	7 Ø x 32 in	178 Ø x 813 mm	150	34
Maximum Operating Temperature				
POXL Polypropylene Felt			200 °F	93 °C
PEXL Polyester Felt			275 °F	135 °C
Recommended change out at a maximum differential pressure of 25 psi / 1.72 bar				

Applications

Typical applications suited to PROflo⁺ filter bags include:

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



Product Codes Example: PEXL 1 P2PW

