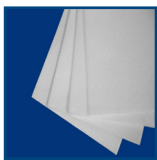


# PROflo™

Standard felt filtration



## World Class Filtration Media

Sourced from the world's leading nonwoven media producer, IFM uses only the highest quality liquid filtration felts in the PROflo™ filter series. Our polyester and polypropylene needle felt filter media are surface treated to prevent downstream fibre migration. Standard felts can be used in a multitude of industrial processes and are silicone free for automotive and paint applications. In addition, our polypropylene felts are made from FDA and EU compliant materials for food contact applications.



## Engineered Retainer

All PROflo™ filter bags come standard with the *PolyformSEAL™* retainer. Available in both polypropylene and polyester resins, the *PolyformSEAL™* is a flexible chemically resistant retainer which fits into most filter housings. Our exclusive *PolyformSEAL™*

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 *PolyformSEAL™* is produced in our on-site injection moulding facility which ensures the retainers meet our stringent quality requirements. The *PolyformSEAL™* provides user friendly filtration that will save time and money.



## Thermal Bonding Technology

Fully welded using the most advanced welding technologies; the PROflo™ filter bag series provides strength, durability and 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.



COMMON INDUSTRY STANDARD SIZES ARE IN STOCK FOR IMMEDIATE SHIPMENT



PF 1.0-1



Embossed media and micron



Fully welded



Welded construction

Elimination of needle holes prevents unnecessary fluid bypass



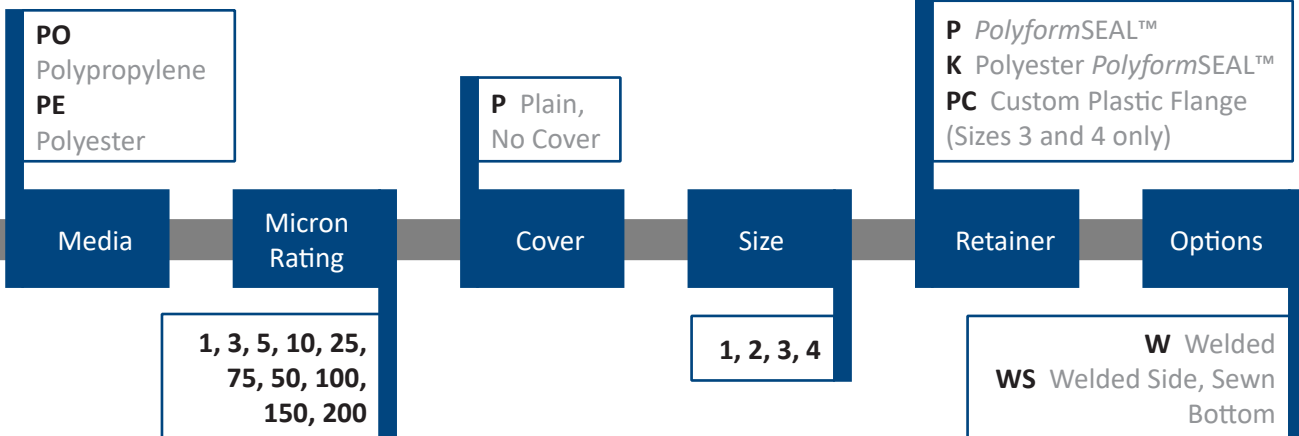
Sewn construction

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	80	18
2	7 Ø x 32 in 178 Ø x 813 mm	150	34
3	4 Ø x 8 in 102 Ø x 203 mm	25	6
4	4 Ø x 14 in 102 Ø x 355 mm	50	12
Maximum Operating Temperature			
PO Polypropylene Felt		200 °F	93 °C
PE 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: PO 1 P2PW

