



### World Class Filtration Media

Sourced from the world's leading nonwoven media producer, we use 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**



Embossed media and micron



Fully welded



Welded construction



Sewn construction

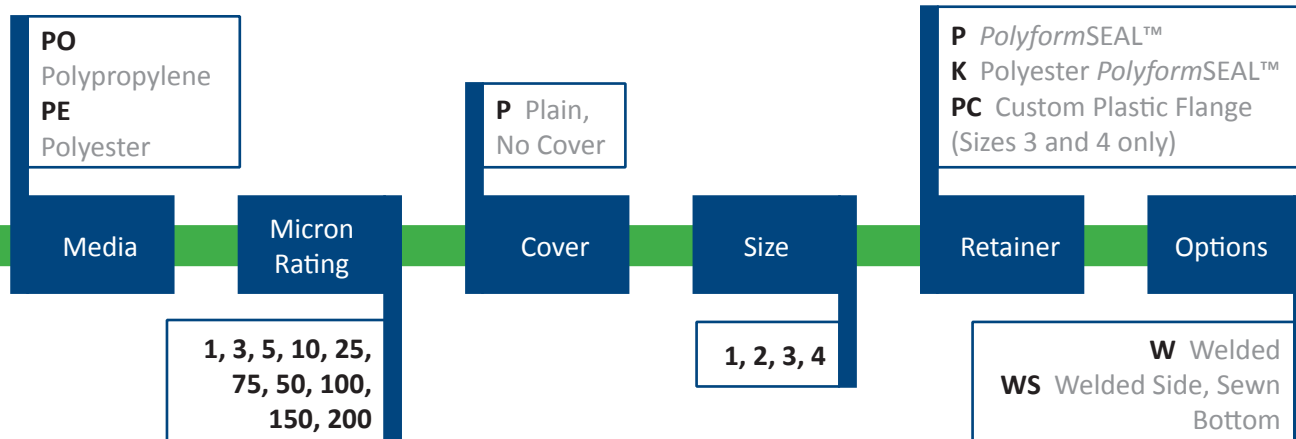
Elimination of needle holes prevents unnecessary fluid bypass

| 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