



Parker domnick hunter’s range of bag filters are manufactured from a variety of filter media each specifically chosen for its compatibility with a wide range of process liquids. Parker bag filters are of a fully welded design rather than sewn. No process liquid can bypass through needle holes caused by the sewing process or around a sewn ring. Parker domnick hunter’s range of filter bags include:

**Standard filter bags**  
Available in polypropylene, polyester and nylon from 1 to 1000µm.

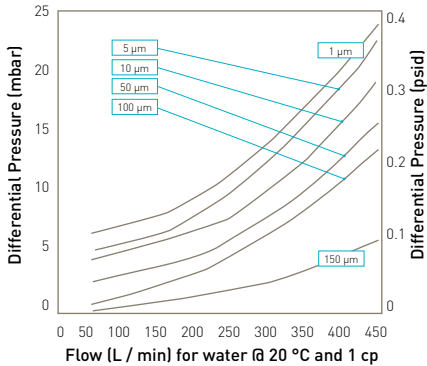
**Extended life bags**  
Increased thickness of the filter media can increase lifetime by up to 5 times that of a standard bag.

The filtration mechanism employed within filter bags allows high flow rates and high dirt holding capacity, this combined with low maintenance cost and quick change-out makes bag filtration an extremely cost effective means of liquid filtration. Bags are available to suit most common filter housings.

Features and Benefits

- From 1 to 11000 microns
- Low maintenance costs and quick change-out

Performance Characteristics



For double length bags multiply flow rate by 2.1  
For triple length by 3.2

Felt Media

Bag Filters

- mixed media, mesh and felt



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Bag Filters

Specifications

Materials of Construction

- Filtration Media: Polypropylene Felt  
Viscose Felt  
Nylon Felt  
Polyester Felt  
Nomex\* Felt  
Nylon Mesh
- Ring: Electro Plated Steel  
Stainless Steel  
Moulded Polypropylene  
Polypropylene  
Moulded Santoprene

\*Nomex is a registered trademark of E.I. du Pont de Numours and Co Inc.

Viscous Flow Correction Factors

| Viscous Correction Factors |       |      |      |      |      |      |      |     |     |     |     |     |
|----------------------------|-------|------|------|------|------|------|------|-----|-----|-----|-----|-----|
| Fluid Viscosity (cps)      | 10000 | 8000 | 6000 | 4000 | 2000 | 1500 | 1000 | 800 | 600 | 400 | 200 | 1   |
| Flow rate (% water)        | 2.1   | 2.6  | 3.5  | 5    | 8    | 11   | 16   | 17  | 25  | 35  | 58  | 100 |

Compatibility

| Material      | Max Temperature | Organic Solvents | Oils and Fats | Alkalies | Organic Acids | Mineral Acids | Oxidising Agents | Resistance micro-organisms |
|---------------|-----------------|------------------|---------------|----------|---------------|---------------|------------------|----------------------------|
| Polypropylene | 95°C [203°F]    | Good             | V. Good       | Good     | V. Good       | Good          | Fair             | Fair                       |
| Viscose       | 121°C [250°F]   | V. Good          | V. Good       | Good     | Good          | Poor          | Fair             | Fair                       |
| Polyester     | 150°C [302°F]   | V. Good          | V. Good       | Good     | Good          | Good          | Good             | Good                       |
| Nylon         | 135°C [275°F]   | V. Good          | V. Good       | Good     | Fair          | Poor          | Poor             | Poor                       |
| Nomex         | 220°C [428°F]   | V. Good          | V. Good       | Good     | Fair          | Fair          | Poor             | Poor                       |

Applications

- Paints
- Pigments
- Lacquers
- Varnishes
- Inks
- Waxes
- Coolants
- Cutting oils
- Process waters
- Acrylics

Ordering Information

Bag Filters Standard

| Code   Style       | Code   Diameter      | Code   Yarn                      | Code   Media                                                                                               | Code   Felt Rating                                                  | Code   Mesh Rating                                                        | Code   Ring                                                                    | Code   Ring          |
|--------------------|----------------------|----------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------|
| SG Ring<br>SC Band | 7 Standard<br>4 Mini | 1 Single<br>2 Double<br>3 Triple | P Polypropylene Felt<br>V Viscose Felt<br>N Nylon Felt<br>S Polyester Felt<br>T Nomex Felt<br>M Nylon Mesh | 001 1*<br>005 5<br>010 10<br>025 25<br>050 50<br>100 100<br>150 150 | 045 45<br>100 100<br>150 150<br>250 250<br>500 500<br>800 800<br>999 1000 | E Electro Plated Steel<br>S Stainless Steel<br>M Moulded PP<br>P Polypropylene | H Handles<br>L Loops |

\*Not viscose

Extended Life Bag Filters

| Code   Style | Code   Diameter      | Code   Yarn                      | Code   Media                       | Code   Felt Rating                                       | Code   Ring                                                                                            | Code   Ring        |
|--------------|----------------------|----------------------------------|------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------|
| SG Standard  | 7 Standard<br>4 Mini | 1 Single<br>2 Double<br>3 Triple | G PP Extra Life<br>F PE Extra Life | 001 1*<br>005 5<br>010 10<br>025 25<br>050 50<br>100 100 | E Electro Plated Steel<br>S Stainless Steel<br>M Moulded PP<br>G Moulded P/Est<br>Q Moulded Santoprene | X Plain<br>L Loops |

\*Not viscose

Parker domnick hunter has a continuous policy of product development and although the Company reserves the right to change specifications, it attempts to keep customers informed of any alterations. This publication is for general information only and customers are requested to contact our Process Filtration Sales Department for detailed information and advice on a products suitability for specific applications. All products are sold subject to the company's Standard conditions of sale.