



PROSTEEL N Filter Cartridges

- liquid filters
- 316L stainless steel

PROSTEEL N filters provide the ideal solution in applications where traditional polymer based filters are limited by compatibility, exposure time or a combination of high temperature and viscosity.

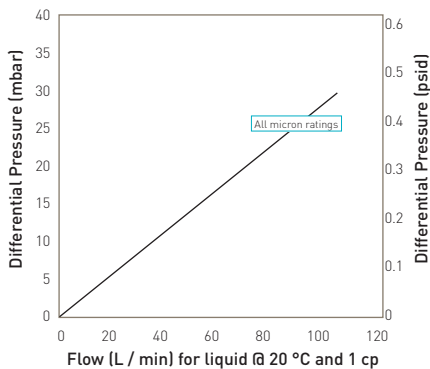
The Parker domnick hunter range of stainless steel filters provides the solution to compatibility issues while maintaining excellent flow rates for clarifying duties. The filters are available in two formats both using the same filtration media but one manufactured in a pleated construction and one in a cylindrical wrap. This allows a cost-effective selection depending on flow rate and dirt holding requirements.

Features and Benefits

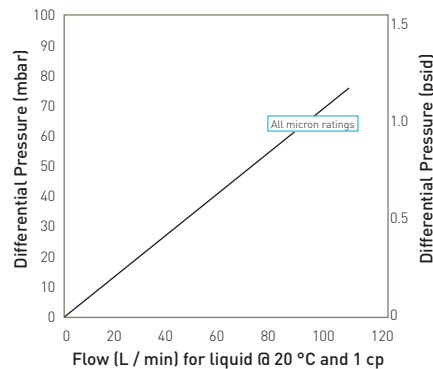
- Nominally rated stainless steel liquid filters
- Ideal for aggressive solvents, viscous and hot solutions
- Removal rating from 5 to 100 microns
- Compatible with most solvents
- Stainless steel mesh ensures excellent regeneration characteristics for extended service life
- Available in two formats; pleated and wrapped, for complete system optimisation



Performance Characteristics



Pleated cartridge flow rates
10" Size (250 mm) Cartridge



Cylindrically wrapped cartridge flow rates
10" Size (250 mm) Cartridge

Specifications

Materials of Construction

- Filtration Media: 316L Stainless Steel
- Inner Support Core: 316L Stainless Steel
- Outer Protection Cage: 316L Stainless Steel
- End Caps: 316L Stainless Steel
- Standard o-rings/gaskets*: EPDM
- Assembly Method: TIG Welded

*All o-rings are manufactured for FDA approved compounds.

Recommended Operating Conditions

Operating Temperature		Maximum Forward DP		Maximum Reverse DP	
°C	°F	(bar)	(psid)	(bar)	(psid)
200	392	25	364	3	44

Note: The maximum operating temperature is dependant on o-ring selection and properties of the liquid being filtered.

Effective Filtration Area (EFA)

- ZCCM Cylindrical Wrap
10" (250 mm) 0.05 m² (0.53 ft²)
- ZCPM Pleated
10" (250 mm) 0.13 m² (1.39 ft²)

Applications

- High viscous liquids
- Corrosive liquids
- High temperature processing
- Recovery of valuable particulate

Ordering Information

Code Type	Code Length (Nominal)	Code Micron	Code Endcap (10")	Code O-rings
CM Wrapped	B 2.5" (65 mm)	005 5.0 μm	B dh DOE	E EPDM
PM Pleated	A 5" (125 mm)	010 10.0 μm	C BF / 226 Bayonet	P PTFE
	1 10" (250 mm)	020 20.0 μm	T TRUESEAL	S Silicone
	2 20" (500 mm)	040 40.0 μm	Z Demi A & B Std	V Viton*
	3 30" (750 mm)	100 100.0 μm		Z Demi A & B Std

*Viton is a registered trademark of E.I. DuPont de Nemours & Co., Inc

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.

PROSEP FILTER SYSTEMS LTD
Unit G19
River Bank Way
Lowfields Business Park
Elland
West Yorkshire
HX5 9DN

Tel: 01422 377367

Fax: 01422 377369

Email: enquiries@prosep.co.uk

www.prosep.co.uk

Map and Directions to Prosep Filters Limited



Leave M62 at Junction 24.

At roundabout adjacent to Cedar Court Hotel take 2nd exit onto dual carriageway (A629), signposted Halifax.

Take 1st exit slip road.

At roundabout at end of sliproad, take 3rd exit off.

This is the entrance to Lowfields Business Park.

Proceed straight over 1st roundabout.

At next roundabout take 2nd exit onto River Bank Way - Prosep Filters can be found on the left after the S-bend.

[Link to Google Maps](#)