



## 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.

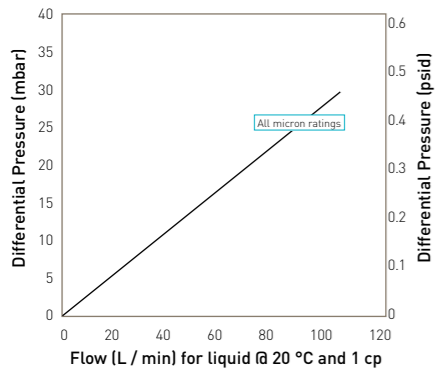
The Parker domnick hunter range of stainless steel filters provides the solution to compatibility issues while maintaining excellent flow rates for clarifying duties. The filters are available in two formats both using the same filtration media but one manufactured in a pleated construction and one in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



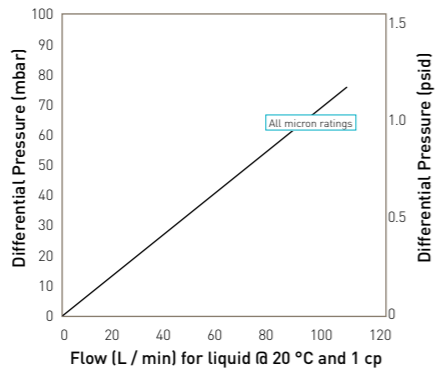
### Features and Benefits

- 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

## PROSTEEL N Filter Cartridges

### 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 m<sup>2</sup> (0.53 ft<sup>2</sup>)
- ZCPM Pleated  
10" (250 mm) 0.13 m<sup>2</sup> (1.39 ft<sup>2</sup>)

### 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

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