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.

They are ideally suited to filtration of solvents used in a wide range of processes in pharmaceuticals, food and beverage and electronics through to paints and inks.

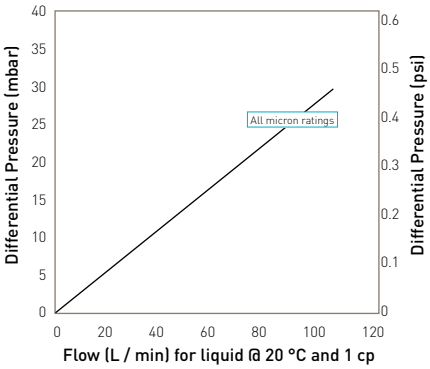
The Parker domnick hunter range of stainless steel filters provides the solution to compatibility issues while maintaining excellent flow rates for clarifying duties. The filters are available in two formats both using the same filtration media but one manufactured in a pleated construction and one in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



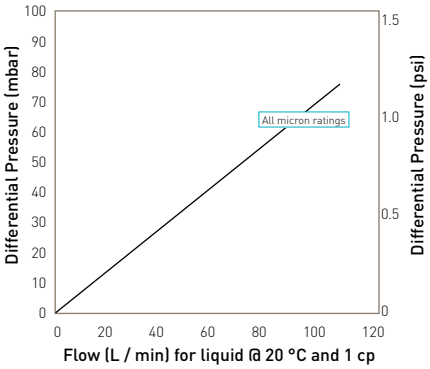
Features and Benefits

- 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 °C	°F	Maximum Forward DP (bar)	(psi)	Maximum Reverse DP (bar)	(psi)
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^2 (0.53 ft^2)
- ZCPM Pleated
  10" (250 mm) 0.13 m^2 (1.39 ft^2)

Ordering Information

ZC [ ] [ ] - [ ] [ ] - [ ]

Code | Type	
CM	Wrapped
PM	Pleated

Code | Length (Nominal)		
B	2.5"	(65 mm)
A	5"	(125 mm)
1	10"	(250 mm)
2	20"	(500 mm)
3	30"	(750 mm)

Code | Micron		
005	5.0	µm
010	10.0	µm
020	20.0	µm
040	40.0	µm
100	100.0	µm

Code | Endcap (10")	
B	dh DOE
C	BF / 226 Bayonet
T	TRUESEAL
Z	Demi A & B Std

Code | O-rings	
E	EPDM
P	PTFE
S	Silicone
V	Viton
Z	Demi A & B Std

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.

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