



## PROSTEEL A & N Filters

- liquid filters
- 316L stainless steel

PROSTEEL 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 pharmaceutical production.

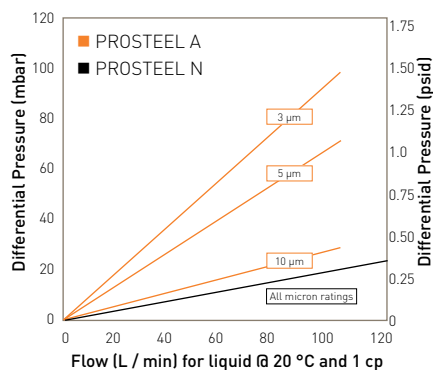
The Parker domnick hunter range of stainless steel filters provides the solution to compatibility issues while maintaining excellent flow rates for clarifying duties. The filters are available in two formats, in both absolute and nominal retention ratings and in a pleated or cylindrical wrap construction. This allows a cost-effective selection depending on flow rate, retention and dirt holding requirements.

### Features and Benefits

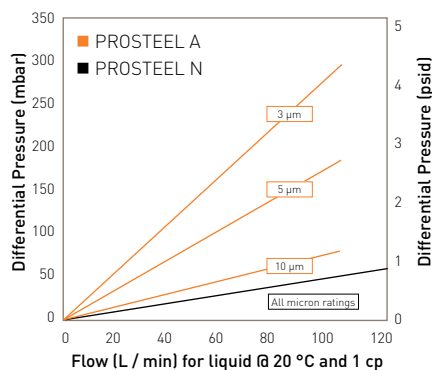
- Absolute and nominally rated stainless steel liquid filters
- Ideal for aggressive solvents, viscous and hot solutions
- PROSTEEL A available in 3, 5 and 10 micron removal ratings
- PROSTEEL N removal rating from 5 to 100 microns
- Compatible with most solvents
- Stainless steel mesh ensures excellent regeneration characteristics for extended service life
- Available in two formats; pleated and wrapped, for complete system optimization



### 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 from FDA approved compounds.

Recommended Operating Conditions

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

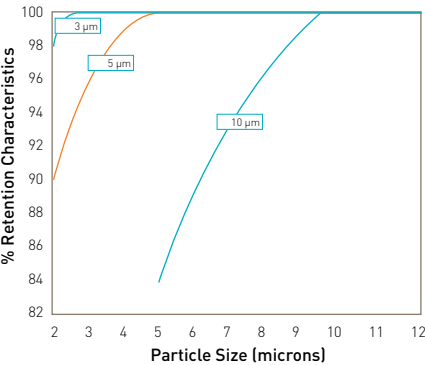
Note: The maximum operating temperature is dependant on o-ring selection and properties of the liquid being filtered.

Effective Filtration Area (EFA)

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

PROSTEEL A Retention Characteristics

The retention characteristics of the stainless steel filters are determined using ACFTD in accordance with the single pass test ASTM 795-88.



Ordering Information

Prosteel A

ZC			-		-	
Code   Type	Code   Length (Nominal)	Code   Micron	Code   Endcap (10")	Code   O-rings		
CF MF	B 2.5" (65 mm) A 5" (125 mm) 1 10" (250 mm) 2 20" (500 mm) 3 30" (750 mm)	003 3.0 µm 005 5.0 µm 010 10.0 µm	B dh DOE C 226 Bayonet/Flat	E* EPDM P PTFE Encapsulated Silicone S Silicone V Viton		
			Code   Endcap (Demi)	*EPDM o-ring supplied as standard without having to specify the 'E' code.		
			T TRUESEAL Z Demi A & B Std			

Prosteel N

ZC			-		-	
Code   Type	Code   Length (Nominal)	Code   Micron	Code   Endcap (10")	Code   O-rings		
CM PM	B 2.5" (65 mm) A 5" (125 mm) 1 10" (250 mm) 2 20" (500 mm) 3 30" (750 mm)	005 5.0 µm 010 10.0 µm 020 20.0 µm 040 40.0 µm 100 100.0 µm	B dh DOE C 226 Bayonet/Flat	E* EPDM P PTFE Encapsulated Silicone S Silicone V Viton		
All cartridges are supplied as single items.			Code   Endcap (Demi)	*EPDM o-ring supplied as standard without having to specify the 'E' code.		
			T TRUESEAL Z Demi A & B Std			