



Parker domnick hunter Flo-Pac filters are the perfect choice for many industrial filtration requirements. Flo-Pac pleated filters contain premium grade, phenolic impregnated cellulosic filter media.

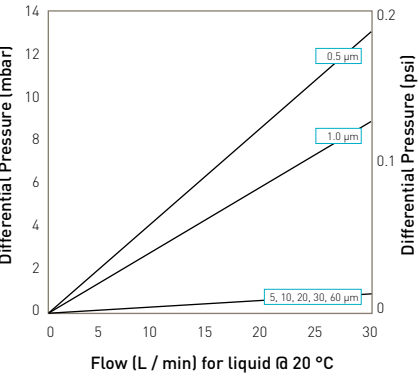
Parker domnick hunter’s line of pleated filters are designed for critical filtration applications, providing long service life, high flow rate and low pressure drop.

Flo-Pac Pleated filters are available in 0.5µm, 1µm, 5µm, 10µm, 20µm, 30µm, and 60µm pore sizes (95% removal; β = 20).

Features and Benefits

- Pleated cellulosic media allow high flow capacity at low pressure drop
- Phenolic resin impregnated to provide strength, integrity and high contaminant capacity
- Suitable for operating temperatures to 121°C (250°F)
- Outer sleeve protects the media from damage
- ET P (Electro-tin-plated) steel metal components for both aqueous and oil-based applications
- Buna-N gaskets are standard, other materials are available

Performance Characteristics



10" Size (250 mm) Cartridge

FLO-PAC Filter Cartridges

- liquid filters
- phenolic impregnated cellulose



FLO-PAC Filter Cartridges

Specifications

Materials of Construction

- Filtration Media: Phenolic impregnated cellulose
- Inner Support Core: ETP steel
- Outer Protection Cage:
 - 300 Series: Polypropylene
 - 600 & 700 Series: ETP steel
- Adhesive: Thermosetting PVC
- End Seals:
 - 300 and 700 Series: Buna-N gaskets
 - 600 Series: Buna-N gaskets / grommets
 - 500 Series: Fibre gaskets

Dimensions

300 Series
Outside diameter: 64 mm (2 1/2") x
Inside diameter: 25 mm (1")
Length: 245 mm (9 5/8")
502 mm (19 3/4")
743 mm (29 1/4")
753 mm (29 5/8")
1016 mm (40")

500 Series
Outside diameter: 115 mm (4 1/2") x
Inside diameter: 44 mm (1 3/4")
Length: 457 mm (18")

Recommended Operating Conditions

Maximum Temperature: 121°C (250°F)
Maximum Differential Pressure 4.8 barg (70 psid)
Recommended Changeout Pressure 2.4 barg (35 psid)

600 Series
Outside diameter: 159 mm (6 1/2") x
Inside diameter: 78 mm (3 1/8"),
39 mm (1 9/16"),
32 mm (1 1/4")
Length: 365 mm (14 3/8")
737 mm (29")
1102 mm (43 3/8")

Recommended Flow Rates

Per single length cartridge
300 series: 27 L/min
500 series: 194 L/min
600 series (3-1/2 in ID): 194 L/min
600 series (1-9/16 in ID): 135 L/min
700 series: 194 L/min

700 Series
Outside diameter: 159 mm (6 1/4") x
Inside diameter: 54 mm (2 1/8"),
67 mm (2 5/8")
Length: 457 mm (18")
914 mm (36")
1372 mm (54")

Retention Characteristics

Micron Rating	Micron Rating at Various Efficiencies				
	Absolute 5000	99.9% 1000	99% 100	95% 20	90% 10
0.5	12	10	3	0.5	<0.5
1	15	12	6	1	<1.0
5	30	20	9	5	3.5
10	50	35	18	10	7
20	90	70	40	20	12
30	100	85	50	30	21
60	200	150	90	60	45

Applications

- Water Soluble
- Coolants
- Quench Oils
- Fuels
- Lubricating Oils
- Hydraulic Oils
- EDM Dielectrics
- Rolling Mill Oils
- Processing Liquids
- Gasoline

Ordering Information

FP									
Code Outside Diameter Series			Code Length (Nominal) Series			Code Micron		Code Inside Diameter Series	
3	2.5"	(64 mm)	300	10	9 5/8"	(245 mm)	300	0.5	0.5 µm
5	4.5"	(114 mm)	500	14	14 3/8"	(365 mm)	600	1	1 µm
6	6.25"	(159 mm)	600	18	18"	(457 mm)	500, 700	5	5 µm
7	6.25"	(159 mm)	700	20	19 3/4"	(502 mm)	300	10	10 µm
				29	29"	(736 mm)	600	20	20 µm
				29	9 1/4"	(743 mm)	300	30	30 µm
				30	29 5/8"	(753 mm)	300	60	60 µm
				36	36"	(915 mm)	700		
				40	40"	(1016 mm)	300		
				44	43 3/8"	(1102 mm)	600		
				54	54"	(1372 mm)	700		
Code Seal Material			Code Body						
None	Buna-N Gaskets		None	Metal					
A	Vellumoid		1	Polypro					
B	Fiber		M	Metal					
C	Cork		N	No Body					
G	Buna-N Grommets								
V	Viton*								

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