



Parker domnick hunter Flo-Pac Plus filters cartridges are the filters of choice for many industrial filtration requirements. Flo-Pac Plus Pleated filters are manufactured with premium grade, phenolic impregnated cellulosic filter media for long service life, high flow rate and low pressure drop.

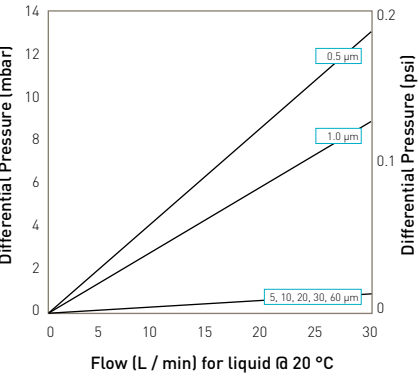
Unique epoxy resin bonding of end caps, pleat side seal and gaskets provides excellent resistance to most organic solvents.

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

Features and Benefits

- Epoxy bonding of end caps, pleat side seal and gaskets provides resistance to most organic solvents
- Premium pleated cellulosic media allow high flow capacity at low pressure drop
- Impregnated phenolic resin provides strength, integrity and high contaminant capacity
- Suitable for operating temperatures to 121°C (250°F)
- ETP (Electro-tin-plated) steel metal components for aqueous and oil-based applications

Performance Characteristics



10" Size (250 mm) Cartridge

FLO-PAC Plus Filter Cartridges

- liquid filters
- phenolic impregnated cellulose



FLO-PAC Plus Filter Cartridges

Specifications

Materials of Construction

- Filtration Media: Phenolic impregnated cellulose
- Inner Support Core: ETP steel
- Outer Protection Cage: ETP steel
- Adhesive: Epoxy
- End Seals: Vellumoid (standard) Viton*, cork

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)

Recommended Flow Rates

Per single length cartridge

300 series: 27L/min

600 series (3-1/2 in ID): 194L/min

600 series (1-9/16 in ID): 135L/min

700 series: 194L/min

Dimensions

300 Series

Outside diameter: 64 mm (2 1/2") x 25 mm (1")

Inside diameter: 245 mm (9 5/8")

Length: 502 mm (19 3/4") 743 mm (29 1/4") 752 mm (29 5/8") 1016 mm (40")

600 Series

Outside diameter: 159 mm (6 1/4") x 89 mm (3 1/2"), 40 mm (1 5/16")

Length: 365 mm (14 3/8"), 737 mm (29")

700 Series

Outside diameter: 159 mm (6 1/4") x 67 mm (2 5/8"), 54 mm (2 1/8")

Length: 457 mm (18"), 914 mm (36")

Retention Characteristics

Micron Rating	Micron Rating at Various Efficiencies				
	Absolute 5000	99.9% 1000	99% 100	95% 20	
0.5	12	10	3	0.5	
1	15	12	6	1	
5	30	20	9	51	
0	50	35	18	10	
20	90	70	40	20	
30	100	85	50	30	
60	200	150	90	60	

Applications

- Aromatic Hydrocarbons (toluene, xylene, benzene)
- Ketones (acetone, isophorone, methylethyl ketone)
- Ethers (THF, dioxane)
- Amines (DEA, TEA, DMEA)
- Glycols (ethyl acetate, cellosolve acetate)
- Aliphatic Hydrocarbons (hexane, pentane, naphtha)
- Halogenated Hydrocarbons (methylene chloride, perchloroethylene)
- Esters (EG, PEG, DEG)

Ordering Information

FPE															
Code Outside Diameter Series				Code Length (Nominal) Series				Code Micron		Code Inside Diameter Series				Code Seal Material	
3	2.5"	(64 mm)	300	10	9 ⁵ / ₈ "	(245 mm)	300	0.5	0.5 μm	None	1"	(25 mm)	300	A	Vellumoid
6	6.25"	(159 mm)	600	14	14 ³ / ₈ "	(365 mm)	600	1	1 μm	None	3.5"	(89 mm)	600	C	Cork
7	6.25"	(159 mm)	700	18	18	(457 mm)	700	5	5 μm	None	2.62"	(67 mm)	700		(700 Series Only)
				20	19 ³ / ₄ "	(502 mm)	300	10	10 μm	1	1.6"	(41 mm)	600	V	Viton*
				29	29"	(736 mm)	600	20	20 μm	8	2.13"	(54 mm)	700	N	Buna-N
				29	24 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								

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

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