

POLYPROPYLENE FILTERS

(Cartridge / Capsule)

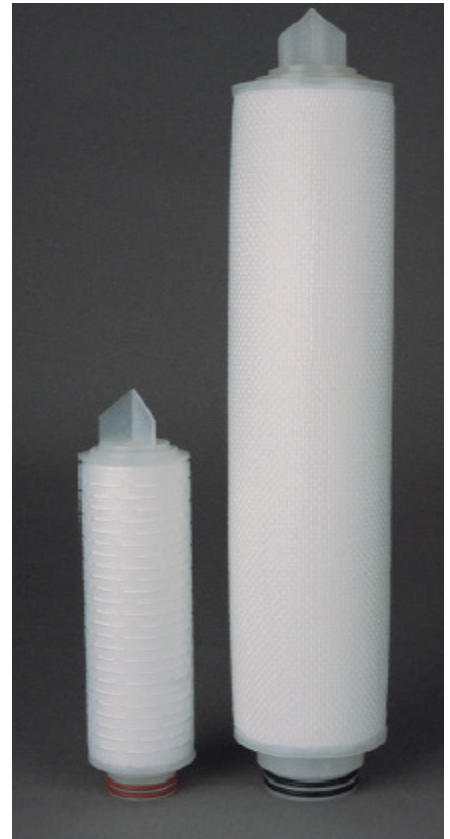
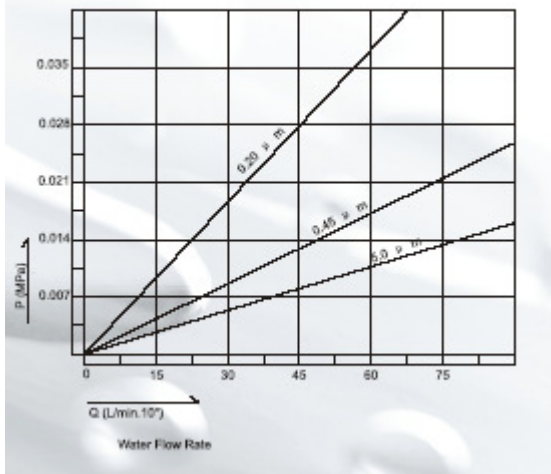
Product information

1. Material

The membrane stack consists of PP super fine fiber membrane (belonging to deep filter) and imported deflector layer and possesses great quantity of taking in pollutants. Its A type's shell, central rod and end cover adopts PP material. Its B type's end is made from high temperature resistance material with high temperature resistance lining, and is usually applied into the site of rather high temperature. Its C type's shell, central rod and end cover adopts imported PP material with steel lining, and it can be applied to the site of high temperature-resistance. Its D type's shell, central rod and end cover adopt PVDF material, can be applied into the site of extremely high temperature.

2. Removal Rating:

0.20 μ m, 0.45 μ m, 1.0 μ m, 3.0 μ m, 5.0 μ m, 10 μ m, etc.



DD PROCESS PRODUCTS

3. Characteristics

- Extensive applicability
- Great flow, small resistance, great quantity of taking in pollutants, and long use life
 - Adopting the hot welding technique without binder and not carrying in any chemical pollutants. For the Pharmaceutical Grade filter cartridge, each has been washed by injection water; for the Electronic Grade filter cartridge, each has been washed by ultra pure water .
 - The filter cartridge is in strict accordance with the biologic safety standards of FDA

4. Recommended Operating Conditions

- Working temperature
 - A type : common type <60°C
 - B type : High temperature type <80°C
 - C type : High temperature type <95°C
 - D type : High temperature type <125°C
- Maximum pressure differential at (60°C)
 - Positive direction : 0.42Mpa
 - Reverse direction : 0.21 Mpa
- * Maximum Pressure Differential decreases as operating temperature increases
- Applicable pH value : 1-14

Applicable fields

- Electronic industry: chemical products and pure water
- Security filter for reverse osmosis
- Food & beverage industry: mineral water, wines and fruit juice etc.
- Medicine industry: drug liquid, gases etc.
- Chemical industry: organic solvent etc.
- Petroleum industry: oil-field flooding
- Exact filter for variety of gas; Fine prefilter

Ordering Information For PP Cartridge

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GRADE	MEDIA	Micron Rating	End-Cap Option	Length	O Ring
'LP' Pharmaceutical	'P' Polypropylene	'005' : 0.05	'A' : 220 O ring Spear Closed	'2.5' : 127 mm"	'S': Silicone
		'010' : 0.1	'B' : 220 O ring Flat Closed	'5' : 127 mm"	'V': Viton
'LE' Electronic		'020' : 0.2	'C' : 226 O ring Spear Closed	'025' : 2.5" Capsule	'E': Ethylene- Propylene
		'045' : 0.45	'D' : 220 O ring Flat Closed	'05' : 5" Capsule	'F': Polytetraflourine
'LN" Nominal		'065' : 0.65	'E' : DOE Flat GASKET	'10' : 254 mm"	'P': PTFE Encapsulated
		'100' : 1.0	'F' : Demi A & B style	'19' : 500 mm"	
"YP" CAPSULE		'300' : 3.0	'H' : Hosebarb	'20' : 508 mm"	
		'250' : 2.5	'I' : ¼" NPT	'29' : 750 mm"	
		'500' : 5.0		'30' : 762 mm"	
		'0100' : 10		'39' : 1000 mm"	
		'0500' : 50		'40' : 1016 mm"	