

PLEATED CARTRIDGE FILTER (PVDF)

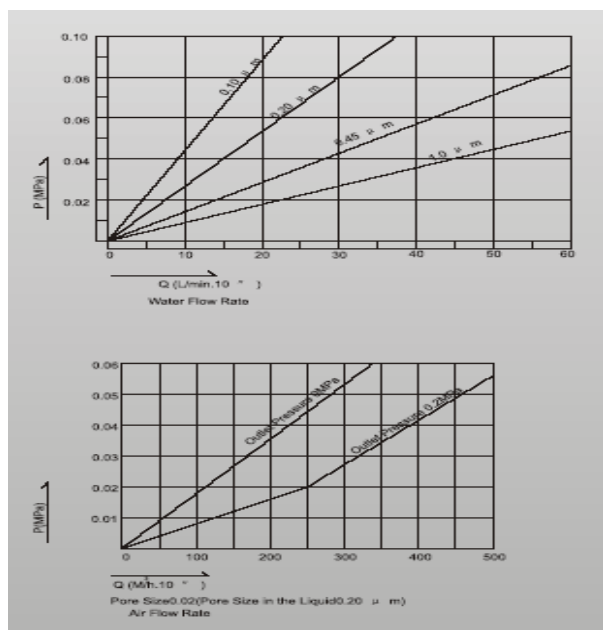
Liquid Filters

Product information

1. Material

The membrane stack consists of reinforced-type PVDF filter membrane and imported deflector layer, and possesses superior properties of heat-resistance and chemical-resistance. Its A type's shell, central rod and end cover adopt PP material. Its B type's end is made from high temperature resistance material with high temperature lining, and is usually applied into the site of rather high temperature. Its C type's shell, central rod and end cover adopt PP material with steel lining, can be applied to the site of high temperature resistance and ozone-resistance.

Its D type's shell, central rod and end cover adopt PVDF material, can be applied into the site of extremely high temperature and oxidation. Its T type's shell, central rod and end cover adopt PVDF material, can be applied to the site of super high temperature, strong oxidation and strong causticity



2. Removal Rating:

0.10 μm , 0.20 μm , 0.45 μm , 1.0 μm , 3.0 μm , 4.0 μm , etc.

3. Characteristics

- It is hydrophobic membrane with small adsorption
- Possessing better performance of oxidation resistance and heat-resistance and is extensively applicable;
- Experiencing 100% integrity test before ex-factory;
- 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
- Minimum bubble point:
 - 0.10(60%IPA) ≥ 1.5(bar)
 - 0.20(60%IPA) ≥ 0.9(bar)
 - 0.45(60%IPA) ≥ 0.7(bar)
- Filtration area: ≥ 0.70m²(10")

4. Working conditions

- Working temperature
 - A-Type : common type <60,
 - B-Type : High temperature <80
 - C-Type : Working temperature <95
 - D-Type : Working temperature <125
 - T-Type : Working temperature <125
 - Maximum pressure differential at (25□)
 - Positive direction : 0.42Mpa
 - Reverse direction : 0.21 Mpa
- * Maximum Pressure Differential decreases as operating temperature increases
- Applicable pH value : 1-13

Applicable fields

- Sterilized gas filtration for food & beverage and wine
- High pure electronic chemical liquor
- Pharmaceutical
- Food, beverage and making wine
- Filtration of gas with high and low temperature and steam
- Petrochemical industry
- Sterilized transport of compressed air
- Oxidizing gas and liquid
- Fine filtration for solvent, liquor and printing ink etc.
- Fine prefilter

Ordering Information For PVDF Car

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GRADE	MEDIA	Micron Rating	End-Cap Option	Length	O Ring
'LP' Pharmaceutical	" V " Polyvinylidene	'005' : 0.05 '010' : 0.1	'A' : 220 O ring Spear Closed 'B' : 220 O ring Flat Closed	'5' : 127 mm" '9' : 250 mm"	'S': Silicone 'V': Viton
"LE" Electronic	Flouride	'020' : 0.2 '045' : 0.45	'C' : 226 O ring Spear Closed 'D' : 220 O ring Flat Closed	'10' : 254 mm" '19' : 500 mm"	'E': Ethylene- Propylene 'F': Polytetraflourine
"L" Common		'065' : 0.65 '100' : 1.0 '300' : 3.0 '500' : 5.0	'E' : DOE Flat GASKET	'20' : 508 mm" '29' : 750 mm" '30' : 762 mm" '39' : 1000 mm" '40' : 1016 mm"	