

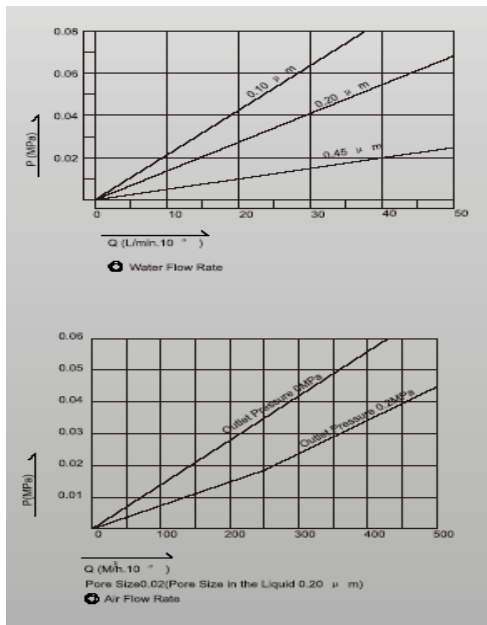
PLEATED CARTRIDGE FILTER (ALL PTFE)

Liquid Filters

Product information

1. Material

The membrane stack consists of PTFE filter membrane and imported deflector layer, and possesses superior properties of oxidation-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 to the site of rather high temperature. Its C type's shell central rod and end cover adopts imported PTFE/PFA material with steel lining, and can be applied to the site of high temperature resistance.



2. Removal Rating:

Liquid Filtration: 0.10μm, 0.20μm, 0.45μm, 1.0μm, 3.0μm, 5.0μm

Air Filtration: 0.005μm, 0.01μm, 0.02μm, 0.05μm, 0.1μm, 0.3μm, 0.5μm

3. Characteristics.

- ❖ Extensive applicability, extremely good chemical compatibility and good oxidation-resistance;
- ❖ 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: ≥ 0.75m²(10")

Applicable Fields:

- ❖ Ultra pure water.
- ❖ Ultra pure electronic chemical solvent.
- ❖ Fermentor, storage tank, sterilized.exhaust and intake in make-up tongs.
- ❖ High pure water in electronics industry.
- ❖ Sterilized transport of compressed air.
- ❖ Oxidizing gas and liquid.
- ❖ Fine filtration for solvent, liquor and printing ink etc.

4. Recommended Operating Conditions

- ❖ Working temperature
 - ♣ A Type : common type <60
 - ♣ B Type : high temperature type <80
 - ♣ C Type : extremely high temperature <150
- ❖ Maximum pressure differential at (25 Deg C)
 - Positive direction : 0.42Mpa
 - Reverse direction : 0.21 Mpa
- ❖ Maximum Pressure Differential decreases as operating temperature increases.
- ❖ Applicable pH value: 1-14

Filtration Membrane : - Polytetrafluoroethylene
 Downstream Upstream Support : - PTFE/PFA
 Inner Core : - PTFE / PFA
 End Cap : - PTFE / PFA

Ordering Information For PTFE Cartridge

①	②	③③③	④	⑤	⑥
GRADE	MEDIA	Micron Rating	End-Cap Option	Length	O Ring
'LPA' Pharmaceutical	" TA " Poly Tetra	'005' : 0.05 '010' : 0.1	'A' : 220 O ring Spear Closed 'B' : 220 O ring Flat Closed	'5' : 127 mm"	'S': Silicone 'V': Viton
'LPB' Pharmaceutical	Floro Ethylene	'020' : 0.2 '045' : 0.45	'C' : 226 O ring Spear Closed 'D' : 220 O ring Flat Closed	'10' : 254 mm"	'E': Ethylene- Propylene 'F': Polytetraflourine
'LPC' Pharmaceutical	MEDIA & support	'065' : 0.65 '100' : 1.0 '300' : 3.0 '500' : 5.0 '010' : 10.0	'E' : DOE Flat GASKET	'20' : 508 mm" '30' : 762 mm"	