

Hydrophobic PTFE / Hydrophilic PTFE Pleated Filter Cartridge

PTFE Pleated Filter Cartridge is constructed of imported natural Polytetrafluoroethylene membrane media and non-woven support materials. Adaptors are thermally welded with media without using any glue which is free from pollution.

APPLICATIONS

- Fermentation tank
- Semiconductor: ultrapure gas filtration
- Electronic industry
- Chemical industry

BENEFITS

- Excellent performance of high temperature-resistance, repeat steam ability in situ.
- Low pressure drop, high flow rate, long service life
- 100% integrity tested
- No fiber-releasing
- FDA compliance material

Outside Diameter

2.7" (69mm)

Filter Media

Hydrophobic PTFE or Hydrophilic PTFE

Support

Polypropylene (PP)

Cage/Core/End cap

Polypropylene (PP)

Removal Rating (μm)

| | | | |
|--------------|------|------|------|
| For Gas : | 0.01 | 0.02 | |
| For Liquid : | 0.1 | 0.22 | 0.45 |

Length (")

| | | | | |
|------|----|----|----|----|
| 9.75 | 10 | 20 | 30 | 40 |
|------|----|----|----|----|

Seal Material

| | | |
|--------------|------------|-----------|
| S = Silicone | E = EPDM | B = NBR |
| V = Viton | T = Teflon | F = E-FKM |

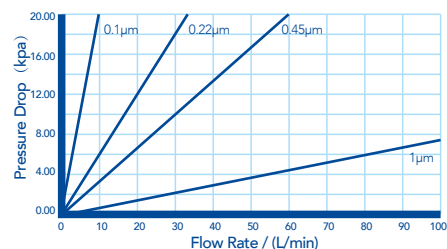
Maximum Operating Temperature

PP : 80°C

Maximum Operation Differential Pressure

4.2 Bar @ 21°C

2.1 Bar @ 80°C

Flow Characteristics

END CAP CONFIGURATION

ORDERING CODE

Example : HMPTFE-HO-0.22-10-0-S-P

| | Media | Removal Rating | Length | End Cap Type | Seal Material | Core |
|--------|--------------------------------------|--|---|---|---|----------------------------|
| HMPTFE | HO = Hydrophobic HP = Hydrophilic | 0.1 = 0.1 μm 0.22 = 0.22 μm 0.45 = 0.45 μm 1 = 1 μm | 5 = 5" 975 = 9.75" 10 = 10" 20 = 20" 30 = 30" 40 = 40" | 0 = DOE 5 = 213/Flat 2S = 222/Flat/SS 4S = 222/Fin/SS 2 = 222/Flat 4 = 222/Fin 3 = 226/Fin 3S = 226/Fin/SS 1 = 226/Flat 1S = 226/Flat/SS | S = Silicone E = EPDM B = NBR V = Viton T = Teflon F = E-FKM | P = PP Core S = SS Core |