



KPTFE Hydrophilic Series

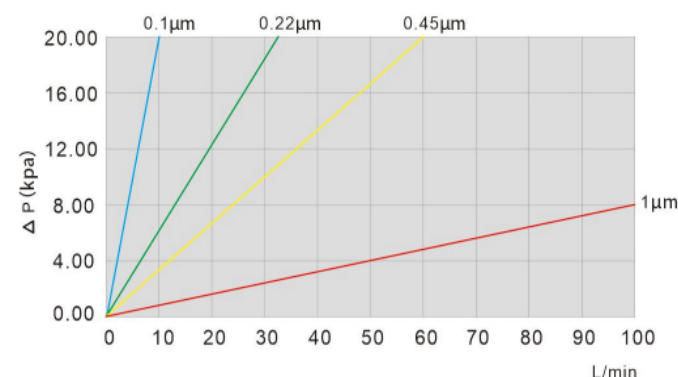
PTFE Hydrophobic Pleated Filter Cartridge is designed for sterile gas and air filtration, providing excellent chemical resistance and high temperature tolerance. Its naturally hydrophobic PTFE membrane ensures efficient removal of bacteria and particles while maintaining high airflow and low pressure drop.



Feature

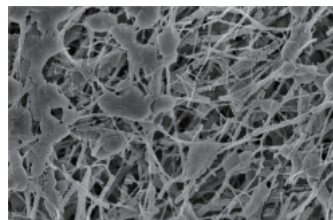
- Natural hydrophobic PTFE membrane
- High air flow, low pressure drop
- Excellent chemical resistance
- Manufactured in Class 100,000 cleanroom
- Reliable bacteria retention
- 100% bubble point tested

Flow—Pressure Drop Curve

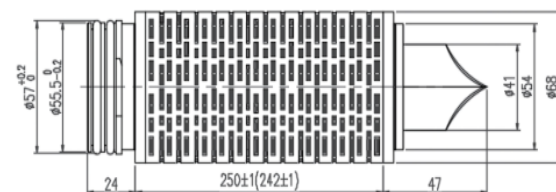


Microstructure

Media: PTFE 0.1um
Scale Bar: 500 nm
Distance: 6.2mm
Magnification: 20000



Structure



Model Selection Table

| Ourer Diameter | End Cap | Inner Core | Outer Core | Length | Micron | O-Ring |
|----------------|-------------|------------|------------|---------|---------|-------------|
| 60 | A= DOE | 1= PP | 1= PP | 5 Inch | 0.1 um | S= Silicone |
| 65 | B= 222 | 2= Seel | 2= Seel | 10 Inch | 0.22 um | F= FKM |
| 68 | C= 226 | 3= PTFE | 3= PTFE | 20 Inch | 0.45 um | H= EPDM |
| 83 | D= Fin | | | 30 Inch | 1 um | |
| | E= Flat | | | 40 Inch | 5 um | T= FEP-FKM |
| 100 | T= Threaded | | | Custom | 10 um | |



5-40 inch PTFE Pleated Filter Cartridge (Flat)

10 inch PTFE Filter Cartridge (Flat)

5 inch PTFE Filter Cartridge (215)

215

Flat



10-40 inch PTFE Filter Cartridge (222/Fin)

20 inch PTFE Filter Cartridge (222Fin)

① 222
② Fin

10-40 inch PTFE Filter Cartridge (226/HR Fin)

20 inch PTFE Filter Cartridge (226/HR Fin)

① 226
② Half Round Fin

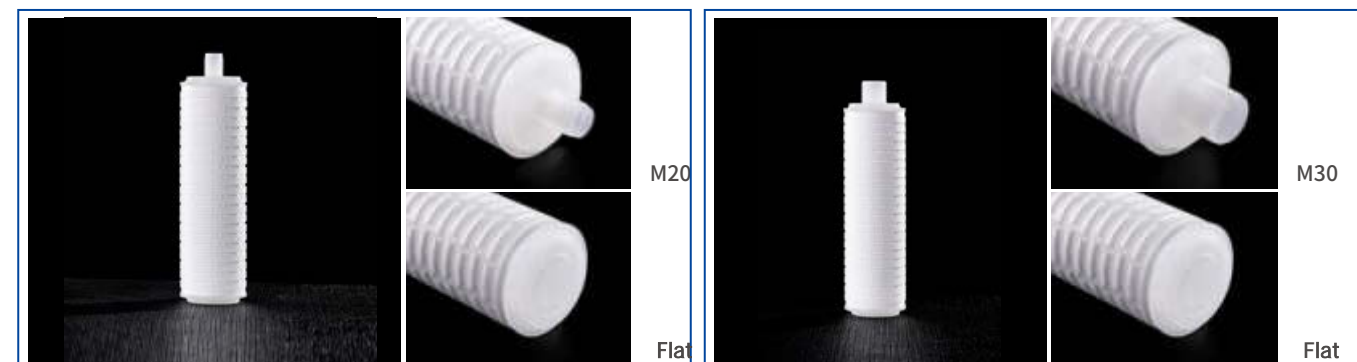


10-20-30-40inch PTFE Filter Cartridge (M30 Threaded/Flat)

10 inch PTFE Filter Cartridge (226 Fin)

226

Fin



10 inch PTFE Filter Cartridge (M20 Threaded/Flat)

10 inch PTFE Filter Cartridge (M30 Threaded/Flat)

M30

Flat