



Polykleen Bag Pleated High Flow Filter Cartridge

Products Features:

- High dirt-holding capacity pleated construction makes high efficiency
- Greater surface area compared with traditional bag filter
- Wide range chemical compatibility
- Fitting into all standard filter bag baskets and housings
- Nominally rated with retention ratings between 1-100µm at 90-95% efficiencies
- Absolute rated with retention ratings between 1-20µm at 98-99% efficiencies
- Silicone free construction
- Two layers of polypropylene or polyester media along with thermally bonded end caps help prevent particulate bypass and offers 5-10 times the surface area of standard bag filters
- Polypropylene materials in compliance with FDA regulations for food contact under CFR21



Applications:

- Prefiltration for RO Desalination
- Oil & Gas
- Power Generation Condensate System
- Petrochemicals
- Food & Beverage
- Pharmaceutical
- Automotive
- Waste water

Technical Data:

Materials

- Filter Media
- Inner Core & Outer cage & End caps
- Gasket

- Polypropylene/Glass Fiber
- Polypropylene
- EPDM/Silicone/Buna-N/Viton

Operation conditions

- Max. Temperature ~80 °C
- Recommended DP for change-out 2.1-2.4bar

Size

- Length

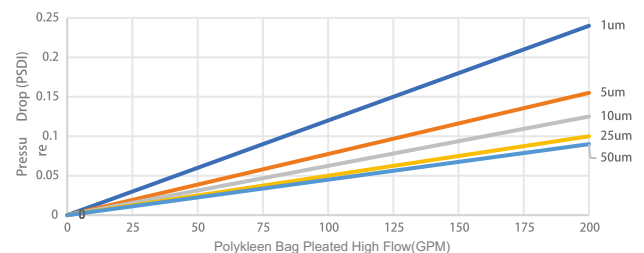
- 320mm (equivalent bag filter size#1)
- 660mm (equivalent bag filter size#2)
- 6inch(152mm)
- 1.51m³@Size #1 PP, 3.1m³@Size#2 PP
- 1.69m³@Size #1 GF, 3.48m³@Size#2 GF

OD

Filtration area

Flow Rate:

| | Max. Flow Rate | Recommended Flow Rate |
|---------|----------------|-----------------------|
| Size 1# | 25m³/hr | 15m³/hr |
| Size 2# | 40m³/hr | 25m³/hr |



Ordering Information:

| BHFB | -PP | -1 | -N | -0100 | -E | -H |
|--|------------------------------------|----------------------|---------------------------------|--|--|--------------------------|
| Model | Media Material | Length | Filtration Efficiency | Micron Rating | O-ring | Surface Treatment |
| Polykleen Bag Pleated High Flow Filter Cartridge | PP=Polypropylene GF=Glass Fiber | 1=Size 1 2=Size 2 | N=Nominal A=Absolute(1-20um) | 0100=1um 0500=5um 1000=10um 1500=15um 2000=20um 4000=40um 7000=70um 10000=100um | E=EPDM S=Silicon V=Viton B=Buna-N | H=Hard Cage N=Netting |

1inch=25.4mm

Notice: Due to filter has variety in design, please contact with BROTHER sales for more information

Housing Options:

Option



Classic Bag Filter Housing