



MS[®] PTFE Pleated Cartridge Filter

General Description

MS[®] PTFE pleated cartridge filter is constructed of imported natural hydrophobic polytetrafluoroethylene membrane media and non-woven support materials. Pleated filter medium pack provides maximum effective filter area for longest possible service life. The housing material is polypropylene, all polypropylene components meet the specifications for Biological Safety as per USP for Class VI 121°C plastic-gaskets/O-rings excluded. Adaptors are thermally welded with media without using any glue on it, so there is no possibility to cause pollution.

Features

- Excellent performance of high temperature-resistance, repeat steamability in situ
- Hydrophobic membrane with high flow
- Low pressure drop, long service life, high flow rate
- 100% integrity tested
- Non fiber-releasing

Applications

- Fermentation tank
- Vent filter of hold tank
- Chemical industry
- Electronic industry
- Semiconductor ultrapure gas filtration



Specifications

- Removal rating: for liquid: 0.1 μ m, 0.22 μ m, 0.45 μ m, for gas: 0.01 μ m, 0.02 μ m
- Length: 10", 20", 30", 40"
- Outside diameter: 69mm

www.membrane-solutions.com

USA

Toll free: 866-528-4572

Fax: 732-412-4040

Address: 1108 Spring View Lane Plano, TX 75075

China

Toll free: 400-620-1660

Fax: 0086-21- 51687551

Address: 2202, No.1759 North Zhongshan Road, Shanghai



- Maximum operating temperature: 90°C
- Maximum operating pressure: 4.2bar@25°C
- Maximum operating pressure(Reverse Direction): 2.0 bar@25°C
- Maximum temperature sterilization: 121°C Every 30 minutes, 100 times
- When filter the air, pressure is 2 bar, start pressure 100mbar, 10" filter can flow 300Nm³/h

Part Numbers/Ordering Information

CRPTFE+ Length + Rating +End cap type+Seal material

CRPTFE

GS: Hydrophobic
with PP substrate
LQ: hydrophilic
GB: with GF
substrate

Length

10: 10"
20: 20"
30: 30"
40: 40"

Rating

010: 0.1µm
022: 0.22µm
045: 0.45µm
001: 0.01µm

End Cap Type

2: 222/Flat
3: 222/Fin
7: 226/Flat
6: 226/Fin
1: SOE
0: DOE

Seal Material

S: Silicone
E: EPDM
F: Viton

For Example:

CRPTFE010022GS3S

PTFE plated cartridge filter, 10"length, 0.22µm, Hydrophobic with pp substrate, 222/Fin end cap type, silicone seal material



Membrane Solutions

www.membrane-solutions.com

USA

Toll free: 866-528-4572

Fax: 732-412-4040

Address: 1108 Spring View Lane Plano, TX 75075

China

Toll free: 400-620-1660

Fax: 0086-21- 51687551

Address: 2202, No.1759 North Zhongshan Road, Shanghai