



MS[®] PES Pleated Cartridge Filter

General Description

MS[®] pleated cartridge filter employ a new, highly-asymmetric polyether sulfone (PES) membrane that delivers excellent spoilage microorganism retention while greatly minimizing any organoleptic interference. PES membrane is hydrophilic in nature, it allows easy integrity testing for all applications where daily controls are required. The materials of cage, core and end caps are polypropylene. Adaptors are thermally welded with media, so there is no possibility to cause pollution.

Feature

- Excellent performance of chemical compatibility
- Hydrophilic membrane with high flow
- No-fiber releasing according to pharmaceuticals and food industry requirements
- Experiencing 100% integrity tested
- Flushed with ultrapure water

Applications

- Pharmaceuticals
- Food and Beverage
- Chemical industry

Specifications

- Removal rating: 0.1 μ m, 0.22 μ m, 0.45 μ m
- Length: 10", 20", 30", 40"
- Outside diameter: 69mm
- Maximum operating temperature: 85 $^{\circ}$ C
- Maximum operating pressure: 4.2bar@25 $^{\circ}$ C
- Maximum operating pressure (Reverse Direction): 2.1 bar@25 $^{\circ}$ C
- Maximum temperature sterilization: 20 times, 30 minutes cycles at 121 $^{\circ}$ C



www.membrane-solutions.com

USA

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China

Toll free: 400-620-1660

Fax: 0086-21- 51687551

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

Part Numbers/Ordering Information

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

CRPES

Length

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

Rating

010: 0.1µm
022: 0.22µm
045: 0.45µm

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:

CRPES0100223S

PES plated cartridge filter, 10" length, 0.22µm, 222/Fin end cap type, silicone seal material

End Cap Configuration:



Fin



Inner O-ring



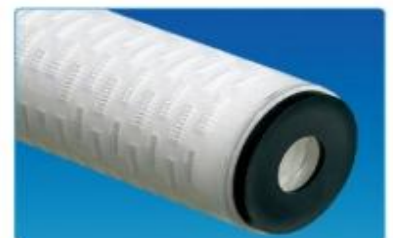
Flat End



-226



-222



DOE