

ALL-FLUOROPOLYMER FILTER

COSPA STREAM

COSPA STREAM is an all-fluoropolymer filter composed of a polytetrafluoroethylene (PTFE) membrane and perfluoroalkoxy alkanes (PFA) parts.

It has excellent chemical compatibility, heat resistance and low extractables material makes it ideal for chemical purification which high purity processes are required.

Features

- Manufactured in ISO 9001 certified plant
- 100% integrity tested
- Excellent chemical compatibility and heat resistance
- Metal extractables are less than 20 ppb
- BSE/ TSE: Compliant with 97/ 534/ EC

Materials

- Media : Hydrophobic PTFE Membrane
- Support : PFA
- Core : PFA
- Cage : PFA
- End Cap: PFA

Specification

- Micron Rating : 0.05, 0.1, 0.2, 0.45, 1.0µm
- E.F.A : 0.63m²/250mm
- Nominal Length : 250, 500, 750mm
- Outer Diameter : 69.9mm
- Maximum Operating Temperature : 150°C (302°F)
- Maximum Differential Pressure :
 - Positive pressure 0.55MPa at 24°C (79.8psi at 75.2°F),
0.38MPa at 75°C (55.1psi at 167°F) ,
0.20MPa at 125°C (29.0psi at 257°F) ,
0.10MPa at 150°C (14.5psi at 302°F)
 - Back pressure 0.34MPa at 24°C (49.3psi at 75.2°F),
0.10MPa at 121°C (14.5psi at 249.8°F)

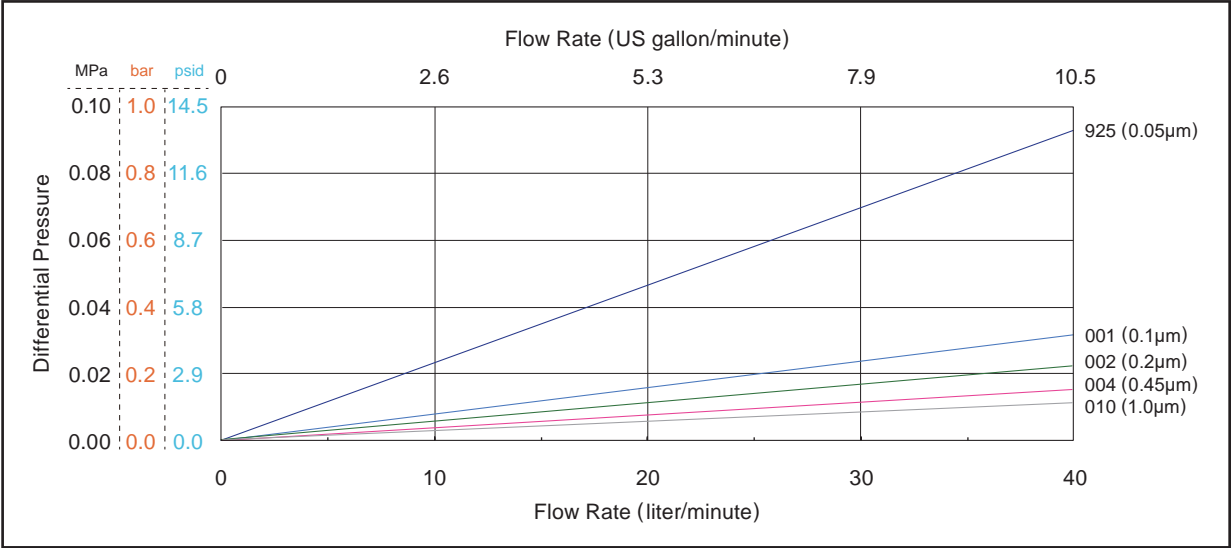
Major Applications

- High-purity chemicals
- High temperature purification process



Differential Pressure vs Flow Rate

Fluid: Refined Water / Cartridge Length: 250mm



*The above data are based on our test condition, and are not guaranteed value.

Ordering Information

33-16

3

10

925

5

E

[End Cap Code]

3 = 2-222 O-Ring
7 = 2-226 O-Ring+Fin

[Nominal Length]

10 = 250mm
20 = 500mm
30 = 750mm

[Micron Rating]

925 = 0.05µm
001 = 0.1µm
002 = 0.2µm
004 = 0.45µm
010 = 1.0µm

[O-ring code]

5 = FEP Encapsulated FKM

*The contents of the catalog is subject to change without notice.