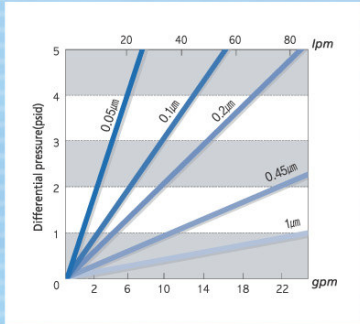


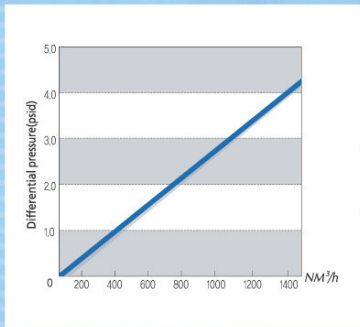


Hydrophobic PTFE Membrane Filter

Liquid flow rate filter cartridge



Compressed Air(2bar)flow vs differential pressure CSM PTFE 0.2 μ m



Description

- CSM hydrophobic PTFE pleated cartridges have superior flow rate and efficiency maximizing the performance of the teflon media cartridge.
- CSM hydrophobic PTFE cartridge are manufactured from teflon membrane and polypropylene components for broad application compatibility.

Feature and Benefits

- Hydrophobic PTFE cartridges will remove particles and microorganisms greater than 0.2 μ m from gases and liquid.
- Each cartridge is integrity tested during manufacturing to guarantee filters performance.
- Thermal bonded manufacturing without adhesives.

Application

- Semiconductor / FPD / fine chemical
- Chemical delivery system, photolithography, wet chemicals

Specification

Material of Construction

- Media : hydrophobic PTFE membrane
- Core / cage / end cap / support : polypropylene

Sealing Method : Thermal bonding

Recommended Maximum Differential Pressure

- Forward pressure : 70psi (4.8 bar) at 25 $^{\circ}$ C
- Reverse pressure : 40psi (2.7 bar) at 25 $^{\circ}$ C

Filtration Area : 0.8m² / 10" cartridge

Integrity Test

- Bubble point at 25 $^{\circ}$ C (60 / 40 : IPA / DI-water)
- 0.05 μ m \geq 48psig
- 0.1 μ m \geq 22psig
- 0.2 μ m \geq 13psig

Removal Ratings(μ m)

- 0.02 ~ 10 μ m

Cartridge Dimensions

- Out diameter : 69mm
- Length(mm) : 250, 254, 500, 508, 750, 762, 1000, 1016



Ordering Information

1	2	3 4	5	6 7	8	9	10	11
Grade	Type	Media	Support Material	Micron Rating	End-cap Option	Length	O-ring Material	Special Option
E : Electronics blank : Industries	H : Pleated	TF : Hydrophobic PTFE	P : Polypropylene	A2 : 0.02 μ m A5 : 0.05 μ m 01 : 0.1 μ m 02 : 0.2 μ m 04 : 0.45 μ m 10 : 1.0 μ m 30 : 3.0 μ m 50 : 5.0 μ m 11 : 10.0 μ m	A : 250mm D/O B : 254mm D/O C : 2-222 O-ring / Flat end D : 2-226 O-ring / Flat end E : 2-222 O-ring / Fin end M : 2-222 O-ring / Flat end	5 : 5" 1 : 10" 2 : 20" 3 : 30" 4 : 40"	E : EPDM N : Buna-N S : Silicone V : Viton T : Teflon encapsulated Viton	C : DI cleaning & Vacuum package V : Vacuum Packaging S : SUS ring Insertion