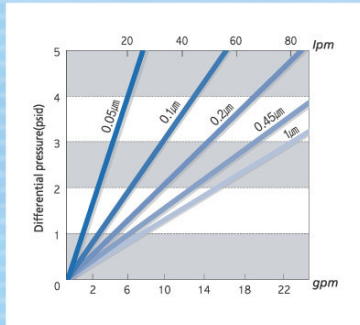




# Hydrophilic PTFE Membrane Filter

## Liquid flow rate per 10" filter cartridge



## Description

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

## Feature and Benefits

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

## Application

- Semiconductor / FPD / fine chemical
- Chemical delivery system

## 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°C
- Reverse pressure : 40psi (2.7 bar) at 25°C

**Filtration Area :** 0.8m<sup>2</sup> / 10" cartridge

### Integrity Test

- Bubble point at 25°C ( 60 / 40 : IPA / DI-water)
  - 0.05µm ≥ 48psig
  - 0.1µm ≥ 22psig
  - 0.2µm ≥ 13psig

### Removal Ratings(µm)

- 0.05 ~ 10.0µm

### 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	TI : Hydrophilic PTFE	P : Polypropylene	A5 : 0.05µm 01 : 0.1µm 02 : 0.2µm 04 : 0.45µm 10 : 1.0µm 30 : 3.0µm 11 : 10.0µm	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 F : 2-226 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