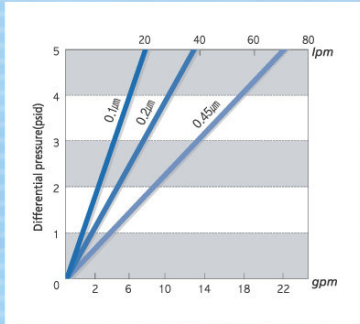




# Hydrophilic PVDF Membrane Filter

## Liquid flow rate filter cartridge



## Description

- CSM hydrophilic PVDF pleated cartridge superior flow rate and efficiency maximizing the performance of the PVDF media cartridge.
- CSM hydrophilic PVDF cartridge are manufactured from polyvinylidene fluoride and polypropylene components for broad application compatibility.

## Feature and Benefits

- Hydrophilic PVDF membrane filter cartridge provides long-term durability and service life.
- Hydrophilic membrane eliminates prewetting.

## Application

- DI-water : central PAD, polishing, station
- Chemical : special chemical
- Pharmaceutical

## Specification

### Material

- Media : hydrophilic polyvinylidene fluoride
- Core / cage / end cap / support : polypropylene

### Cartridge Cleanliness

- Media : extractables : <20 mg total in 1 liter of 18 megohm water at 23°C, static soak for 24 hours per 10" element
- Downstream cleanliness : <10 particle per liter greater than 1.0µm after a 50 gallon flush at 2 GPM per 10" element

### Integrity Test

- 0.1µm ≥ 70psig
- 0.2µm ≥ 45psig
- 0.45µm ≥ 28psig

### Recommended Maximum Differential Pressure

- Forward pressure : 80psi (5.5 bar) at 20°C
- Reverse pressure : 50psi (3.5 bar) at 20°C

### Filtration Area : 0.7m<sup>2</sup> / 10" cartridge

### Sterilization

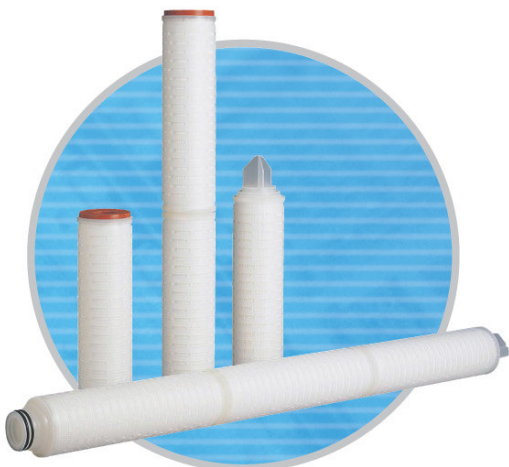
- Up to 10% peroxide sanitization recommended

### Removal Ratings(µm)

- 0.1, 0.2, 0.45, 1.0

### 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	VI : Hydrophilic PVDF	P : Polypropylene	01 : 0.1µm 02 : 0.2µm 04 : 0.45µm 10 : 1.0µm	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