

# PLEATED PP MEMBRANE FILTER CARTRIDGE

## Advantages:

- Designed for general filtration purposes of both liquid & gas.
- Filtering material is double layered polypropylene membrane and internal support is given by PP shell.
- Thermally welded without any adhesive or medium break off.
- Excellent chemical compatibility, high flow rate, low pressure difference, long life, low price, wide filtration.
- Precise and can be used in different place.
- Resist to sanitization of high pressure and steam.
- Excellent dirt holding capacity.

## Material Of Construction:

- Membrane : PP.
- Core : Polypropylene.
- O-ring/ Gasket : Silicone/Viton/TEF/EPDM.

## Specifications:

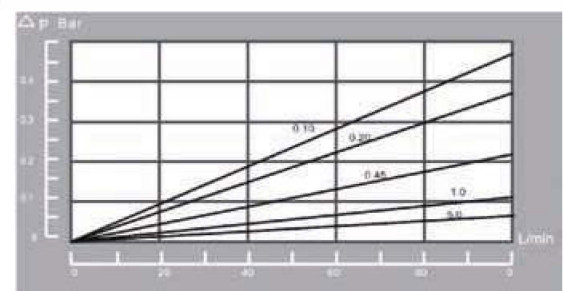
- Pore size ( $\mu\text{m}$ ) : 0.10, 0.20, 0.45, 1.0, 3.0, 5.0, 10, 20, 40.
- Outer Diameter(mm) : 68.
- Length (inch) : 5, 10, 20, 30, 40.
- Endcaps : DOE, SOE (code2, code3, code7, code8).

## Technical Data:

- Effective filtration area (10") :  $\geq 0.6 \text{ m}^2$ .
- Normal working temperature :  $\leq 55^\circ\text{C}/131^\circ\text{F}$  ).
- Normal working temperature :  $80^\circ\text{C}$  ( $P \leq 1 \text{ bar}$ )
- Max. differential pressure : 4.2 bar.
- PH value : 1-13.
- Sterilization method :  
Autoclaving ( $121+2^\circ\text{C}$ ) within 30 min.
- Water flow rate with different Pressure :  
See the chart



Water Flow Rate With Different Pressure (10")



## Quality Assurance:

- ISO 9001:2000 certified company.
- Pharmaceutical grade material.
- Pharmaceutical grade workshops, (according to GMP criterion).
- Strict test before packing.

## Applications:

- Medical Industries : Filtration of organic solvent and compressed air and other gases.
- Electronic Industry : Pre-filtration in returning water filtration system.
- Food & Beverage Industries : Filtration of wine, mineral water and purified water.
- Others: Liquid filtration of organic solvent, ink, galvanization fluid, metal cutting fluid and sensitization anticorrosion fluid etc.

## Filter Information:

Removal Rating	Length (")	Filtration Efficiency	End Cap	Seal Material
0.5	10 = 10" Long	A = Absolute	S1 = DOE	S = Silicone
1	20 = 20" Long	N = Nominal	S3 = Code - 7	E = EPDM
5	30 = 30" Long			V = Viton*
10	40 = 40" Long			P = PFA / Viton*
20				
50				
100				