

# CSM High Flux Pleated Filter

## Description

- CSM HF pleated cartridges are available in a wide selection of micron rating to meet clients's filtration requirement.
- All polypropylene components and thermal bonded manufacturing enable the smallest contaminant extraction and higher durability.
- CSM HF pleated cartridges are provides increasing of flow rates.
- All materials are FDA listed as acceptable for potable and edible liquid contact according to CFR Title 21.

## Feature and Benefits

- Constructed of all polypropylene filter media.
- Multiple layered micro-porous construction ensures consistent filtration performance.
- No adhesive minimizes contamination from media extraction.

## Application

- Food & Beverage : beer, flavors, juices, water, syrups, wines
- Industrial : solvents, paints, ink, oils, chemicals, DI-Water

## Specifcaton

### Material of Construction

- Media : Polypropylene
- Support and drainage : Polypropylene
- Core/Cage/End-caps : Polypropylene
- Sealing : Thermal bonding

### Recommended Operating conditions

- Maximum Differential Pressure :
  - 75psi(5.1bar) at 25
  - 25psi(1.7bar) at 80

### Removal Ratings

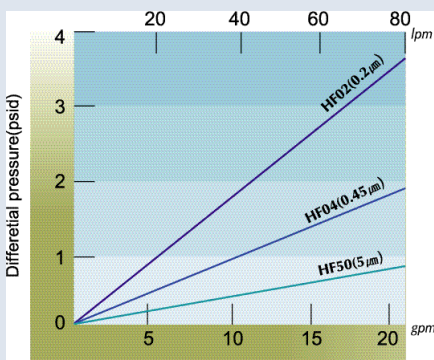
- Removal efficiency 90% at each pore size

### Cartridge Dimensions

- Out diameter : 68mm
- Length(mm) : 250,254,500,508,750,762,1000,1016



Liquid flow rate per 10 filter cartridge



## Ordering Information

Product Name	Grade	Micron Rating	End-Cap Option	Length	O-ring Material
'H': High	'F': Flux	'02': 0.2 µm	'A': 250mm D/O	'1': 10"	'E': EPDM
		'04': 0.45 µm	'B': 254mm D/O	'2': 20"	'N': Buna-N
		'10': 1.0 µm	'C': 2-222 O-ring/Flat	'3': 30"	'S': Silicone
		'50': 5.0 µm	'D': 2-226 O-ring/Flat	'4': 40"	'V': Viton
		'11': 10 µm	'E': 2-222 O-ring/Fin		'T': Teflon
		'22': 20 µm	'F': 2-226 O-ring/Fin		encapsulated viton
		'55': 50 µm	'G': 020 Internal O-ring		
		'77': 75 µm	'M': 2-222 O-ring/Flat		
		'99': 100 µm			