

CSM High Performance Pleated Filter

Description

- CSM HP pleated filter cartridges offer superior removal efficiency compared to conventional pleated cartridges due to their multiple layered construction.
- CSM HP 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 HP pleated filter cartridges are produced by the Saehan's unique technology from the filter media to all the component parts.
- 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
- Cosmetics / Pharmaceuticals : fragrances, lotions, creams, solvents
- Industrial : solvents, paints, ink, oils, chemicals, rinse, plating chemical, fine chemicals

Specification

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

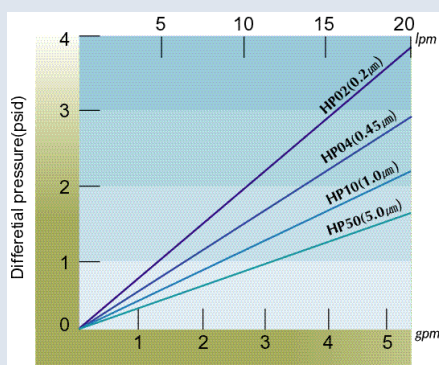
- Removal efficiency 99.98% at each pore size

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	'P': Performance	'02': 0.2 µm '04': 0.45 µm '06': 0.6 µm '10': 1.0 µm '25': 2.5 µm '50': 5 µm '1 1': 10 µm '22': 20 µm	'A': 250mm D/O 'B': 254mm D/O 'C': 2-222 O-ring/Flat 'D': 2-226 O-ring/Flat 'E': 2-222 O-ring/Fin 'F': 2-226 O-ring/Fin 'G': 020 Internal O-ring 'M': 2-222 O-ring/Flat 'N': 2-222 O-ring/Fin	'1': 10" '2': 20" '3': 30" '4': 40"	'E': EPDM 'N': Buna-N 'S': Silicone 'V': Viton 'T': Teflon encapsulated viton