

# CMC Standard Style Polypropylene Microporous Membrane Pleated filter cartridge



PP microporous pleated series is constructed of microporous polypropylene membrane media and unwoven or silk net support layer. Adaptors are welded with cartridges without using glue, so there are no problems of release to cause second pollution.

### Features:

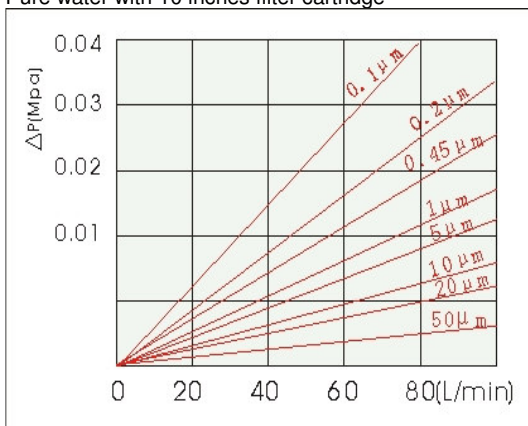
- High surface area design provides superior flow rate and high dirt holding capacity;
- Low pressure drop, long service life;
- With absolute rated 99.00% removal efficiency
- Using 100% virgin polypropylene media with extensively applications;
- Wide micron rating range;

### Applicable Fields

- Electronic industry: chemical products and pure water;
- Security filter for reverse osmosis;
- Food & beverage industry: mineral water, wines and fruit juice etc.
- Medicine industry: drug liquid, gases etc.
- Chemical industry: organic solvent etc.
- Petroleum industry: oil-field flooding;
- Fine filtration for variety of gas;
- Much finer pre-filtration;

### Stream Pressure Curve Line

TESTING CONDITION: As specified in National GMP, 25°C  
Pure water with 10 inches filter cartridge



### Specifications:

- Filter media: Polypropylene Microporous membrane;
- Outside diameter: 69mm
- Inner diameter: 28mm
- Length: 10", 20", 30", 40"
- Micron Rating: 0.1 μm, 0.2 μm, 0.45 μm, 1 μm, 5 μm, 10 μm,
- Filtration Area: 0.5-0.7 m<sup>2</sup>
- End caps: DOE, -222 Flat, -222 Fin, -226 Flat, -226 Fin and other special size;
- Operating temperature: 80 C. 1Mpa
- Operation Pressure: 0.3Mpa, 50C
- Max. Back Pressure Difference: 0.28Mpa, 25C
- Disinfection Temperature: 120C for half an hour

### ORDERING INFORMATION

CODE	MICRON RATING	LENGTH	O-RING MATERIAL	END CAP OPTION
CMC	01: 01 μm 02: 0.2 μm 04: 0.45 μm 05: 0.50 μm 10: 1.0 μm 50: 5.0 μm 100: 10 μm	5 : 5" 10 : 10" 20 : 20" 30 : 30" 40 : 40"	B – Buna –N S - Silicone E - EPDM V - Viton T - Teflon	None – double open end 3F - 222 O-ring, Flat end 7S - 226 O-ring, Fin end 8S - 222 O-ring, Fin end 7D - 226 O-ring, Flat end

**CMC Pure Filters**

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