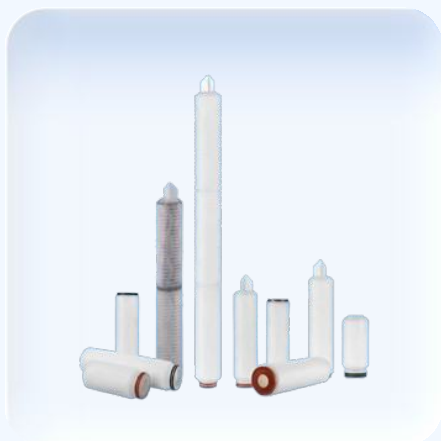


➔ Pleated Filter Cartridge

Pleated Filter Cartridges are high-efficiency filtration elements manufactured using high-quality polypropylene (PP) or polyester pleated media, available in absolute or nominal micron ratings. They are designed to provide superior particle removal while maintaining low pressure drop. The large surface area of the pleated media ensures higher dirt-holding capacity and a longer service life compared to standard sediment filters.



➔ Key Feature

- ➔ High surface area pleated media for extended life
- ➔ Low pressure drop & high dirt-holding efficiency
- ➔ Wide chemical compatibility
- ➔ Micron ratings from 0.2 to 50 μm
- ➔ Optional end caps: DOE, SOE (222/226 O-ring), Flat, Fin
- ➔ Available in PP, Polyester, Glass fiber, PES, PTFE (optional)

Parameters	PP Pleated	PES Pleated	PTFE Pleated
Media	Polypropylene Pleated	Polyethersulfone (PES) Membrane	PTFE Membrane (Hydrophobic / Hydrophilic)
Available Diameters	2.5"	2.5", 2.7"—2.8"	2.5, 2.7—2.8
Available Lengths	10", 20", 30", 40"	10, 20, 30, 40	10, 20, 30, 40
Support Layers	PP	PP / Polyester	PP / PTFE
Core	Polypropylene	DOE / 222 Fin / 226 Flat / 226 Fin	Polypropylene / Stainless Steel
End Caps	DOE / 222 Fin / 226 Flat / 226 Fin	EPDM / Silicone	DOE / 222 Fin / 226 Flat / 226 Fin
O-ring Options	EPDM / Silicone	0.1, 0.2, 0.45, 1 μm	PTFE Encapsulated Viton / Silicone
Micron Ratings	0.22, 1, 5, 10 μm	85°C	0.1, 0.2, 0.45, 1 μm
Maximum Temperature	80°C	4 bar @ 25°C; 2.4 bar @ 80°C	120°C
Maximum Differential Pressure	4 bar @ 25°C; 2.4 bar @ 80°C	Absolute	4 bar @ 25°C; 3 bar @ 80°C
Filtration Type	Nominal / Absolute	0.7—0.9 m^2	Absolute
Surface Area (per 10")	0.5—0.8 m^2	0.7—0.9 m^2	0.7—0.9 m^2