

H2D Filter Cartridges

Polypropylene Media · Particle Removal

Cobetter H2D Filter Cartridges are composed of high-density pleated membrane, which ensures a larger filtration area when compared to other high-density polypropylene filters. Graded pore size distribution from coarse (upstream) to fine (downstream) provides higher dirt holding capacity and longer service life.

Features and Benefits

- Large filtration area
- FDA-listed material per 21 CFR
- Low pressure drop and longer service life when compared to similar filters
- All polypropylene construction ensures chemical compatibility
- High flow rates and dirt holding capacity
- Low extractables

Typical Applications

- Biological Products
- Chemicals
- DI Water
- Film & Fiber
- Food & Beverage
- Pharmaceuticals

Materials of Construction

Filter Medium	Polypropylene
Support	Polypropylene
Core/Cage/End Caps	Polypropylene
O-Rings	Refer to Ordering Information
Effective Filtration Area	0.8m ² / Φ68 -10inch 0.55-1.3 m ² / Φ83 -10inch

Operating Conditions

Maximum Temperature	70°C (158°F)
Max. Differential Pressure	4 bar / 21°C (70°F) 2.4bar / 70°C (158°F)
Steaming Sterilize (Autoclave)	121°C / 30min
Hot Water Sterilization	85°C / 30min

Biological Safety

Extractables	< 30mg per 10 inch
Endotoxins	< 0.25 EU/mL



Ordering Information

Outer Diameter	H2D	Removal Rating	End Cap	Nominal Length	Seal Material
68 = Φ 68		0060 = 0.6 μ m	DOE = Double Open End	05 = 5'	S = Silicone
83 = Φ 83		0120 = 1.2 μ m	TC = 222 / Flat	10 = 10'	E = EPDM
		0250 = 2.5 μ m	TF = 222 / Fin	20 = 20'	V = Viton
		0450 = 4.5 μ m	SF = 226 / Fin	30 = 30'	P = Teflon
		0600 = 6.0 μ m		40 = 40'	Encapsulated Viton
		1000 = 10 μ m			
		2000 = 20 μ m		08 = 8'(Φ 83)	
		4000 = 40 μ m		10 = 10'(Φ 83)	
		7000 = 70 μ m			