



OD83 or OD131 Pleated Filter Cartridge

OD83 or OD131 Pleated filter cartridge is designed for the filtration in the wetting process in the flat panel display.

APPLICATIONS

- Water treatment in microelectronics
- Chemical filtration in microelectronics

BENEFITS

- Larger filtration area, longer service life
- Save cost and easy to replace
- Many media types and micron ratings available
- Safe and reliable material

Outside Diameter

83mm, 131mm

Filter Media

PP, PES, Hydrophobic PTFE, Hydrophilic PTFE

Support

Polypropylene (PP)

Core/End cap

Polypropylene (PP)

SPECIFICATION

Maximum Operating Temperature

PP : 80°C

Maximum Operation Differential Pressure

4.0 Bar @ 21°C ; 2.4 Bar @ 80°C

Removal Rating (μm)

PP	0.1	0.22	0.45	0.5	1	1.2	3	5	10	20	50	70
PES	0.04	0.1	0.22	0.45	0.65	1.2						
Hydrophobic PTFE	0.01	0.2	0.05	0.1	0.22	0.45	1	5	10			
Hydrophilic PTFE	0.05	0.1	0.22	0.45	1							

Length (")

10

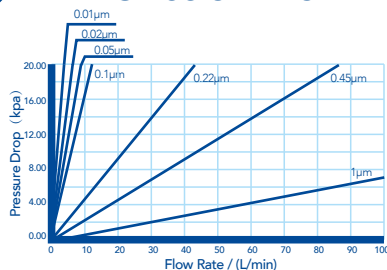
Seal Material

E = EPDM

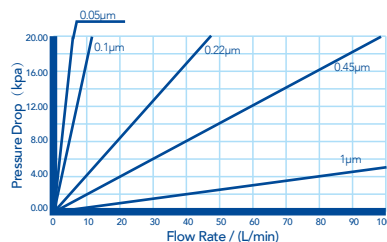
V = Viton

F = E-FKM

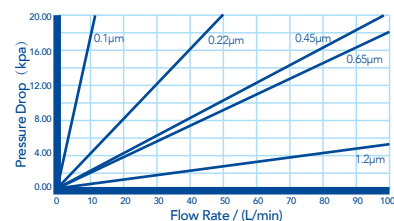
OD83 SERIES



Hydrophobic PTFE

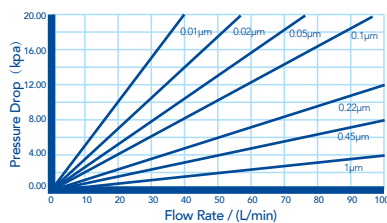


Hydrophilic PTFE

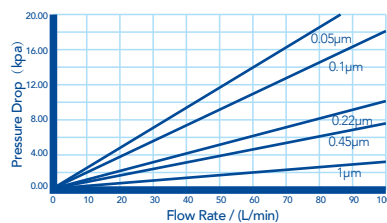


PES

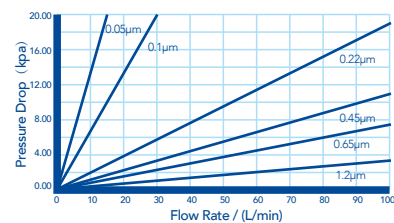
OD131 SERIES



Hydrophobic PTFE



Hydrophilic PTFE



PES

ORDERING CODE

Example : HMOD-832-PP-0.22-E

Cartridge Type		Media Type		Micron Rating			O-ring Material
HMOD	832 = Diameter 83mm, 222 Flat double o-ring	PP = PP Pleated PES = PES HOPT = Hydrophobic PTFE HIPT = Hydrophilic PTFE		PP	PES	Hydrophobic PTFE	E = EPDM V = Viton T = Teflon
	836 = Diameter 83mm, 226 Flat double o-ring			0.1 = 0.1μm	0.04 = 0.04μm	0.01 = 0.01μm	
	131 = Diameter 131mm, 334 single o-ring			0.22 = 0.22μm	0.1 = 0.1μm	0.02 = 0.02μm	
				0.45 = 0.45μm	0.22 = 0.22μm	0.05 = 0.05μm	
				0.5 = 0.5μm	0.45 = 0.45μm	0.1 = 0.1μm	
				1 = 1μm	0.65 = 0.65μm	0.22 = 0.22μm	
				1.2 = 1.2μm	1.2 = 1.2μm	0.45 = 0.45μm	
				3 = 3μm		1 = 1μm	
				5 = 5μm	Hydrophilic PTFE	5 = 5μm	
				10 = 10μm	0.05 = 0.05μm	10 = 10μm	
				20 = 20μm	0.1 = 0.1μm		
				50 = 50μm	0.22 = 0.22μm		
				70 = 70μm	0.45 = 0.45μm		
					1 = 1μm		