

CFP series PSU membrane

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General Applications PSU Pleated Filter Cartridges

CFP series General Applications Pleated PSU Filter Cartridges is constructed of highly asymmetric hydrophilic polysulfone membrane and polypropylene components. The unique PSU membrane delivers a high flow rate, long life time, and excellent particle removal efficiency. All the cartridges are made in a controlled clean room environment. The cartridges are ideally suitable for filtration of water-based fluids.



Features

- Highly asymmetric polysulfone membrane provides excellent dirt holding capacity and flow characteristics
- Hydrophilic polysulfone membrane eliminates the need for prewetting and flushing
- Asymmetric membrane structure provides high flow rates with lower differential pressure and a longer life time
- Widely compatible with cleaning applications in many processes such as developing, etching, and stripping
- Manufactured in controlled clean room environment

Applications

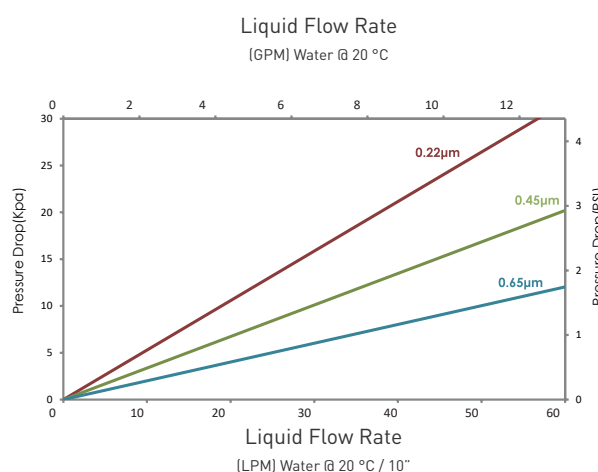
- General-Use water Filtration
- Deionized water systems
- Liquid clarification
- Chemical filtration
- Ultra-Pure water systems

Dimension

Diameter	69 mm
Length	5", 10", 20", 30", 40"

Food Contact Compliance

- Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations 21CFR.
- Materials used to produce filter media and hardware meet the specifications for biological safety per USP Class VI-121C for plastics.
- Filter cartridges passed European Commission Directives (EU10/2011)
- Halal Certified



Material of Constructions

- Media
- Support
- Cage/Core/End
- Sealing

Highly Asymmetric Hydrophilic PSU Membrane
Polypropylene (PP)
Polypropylene (PP)
EPDM, Viton®, E-FKM

Performance

Operating Conditions

Max. Operating Temperature

80 °C

Max. Operating DP

4 bar @ 21 °C, 2.4 bar @ 80 °C

Quality

- Filter Cartridges are manufactured in a clean room environment
- Manufactured according to ISO9001:2015 certified Quality Management System
- 100% integrity test

Eg.=> CFPSU0003G050ADOPSS0

ORDERING INFORMATION											
Product Type	Membrane Type	Membrane pore size	Application	Size	Diameter	Endcap	Inner Core	Sealing Material	Connection Support	Revision	
CFP = Pleated Cartridge Filter	SU = Polysulfone	0003 = 0.03µm	G = Gen Purpose	05 = 5"	0A = OD:69 mm	D0 = DOE	P = Polypro	S = Silicone	S = Standard	0 = Rev.0	
		0005 = 0.05µm		10 = 10"		E2 = 213/Flat	U = SUS Steel	E = EPDM			
		0010 = 0.1µm		20 = 20"		H1 = 222/Fin		B = NBR	Y = SS reinforcement (Endcap D0, E2, K1, K2, excluded)		
		0020 = 0.20µm		30 = 30"		H2 = 222/Flat		V = Viton			
		0045 = 0.45µm		40 = 40"		H5 = 222/Spear Fin		F = E-FKM			
		0120 = 1.2µm				K1 = 222 Ext/Fin			P = PSU reinforcement (Endcap G1, G2, only)		
						K2 = 222 Ext/Flat					
						G1 = 226/Fin					
						G2 = 226/Flat					
								G5 = 226/Spear Fin			