

SteriFlux® Series PP Pleated-Ideal for Pre Filtration and Clarification

SteriFlux® series PP pleated cartridge filter

With an excellent cost-performance ratio, these filters are ideal for pre-filtration and clarification in various applications, offering a filtration efficiency rate of 99.98%.



Feature

- 1. Made entirely from polypropylene for excellent chemical compatibility.
- 2. Available in various filtration ratings to meet different application requirements.
- 3. Deep filtration construction ensures a longer service life and lower costs.
- 4. Manufactured using a thermal welding process, free of any adhesives.
- 5. Larger surface area results in low initial pressure drop and higher particle holding capacity.

Application



Food & Beverage



Water Treatment



Pharmaceutical



Fine Chemical

Particle Removal Efficiency-SteriFlux® Series PP Absolute

Removal Rating	β = 1000 (99.9%)	β = 100 (99%)
0.2μm	0.2	< 0.2
0.45μm	0.5	0.4
1.0μm	1	0.5
3.0μm	3	2
5.0μm	5	3
10.0μm	10	7.5

Material Construction

Filter Media	100% Polypropylene
Supporter	PP No Woven Fiber
Cage	PP
Core	PP/SS 304/SS 316

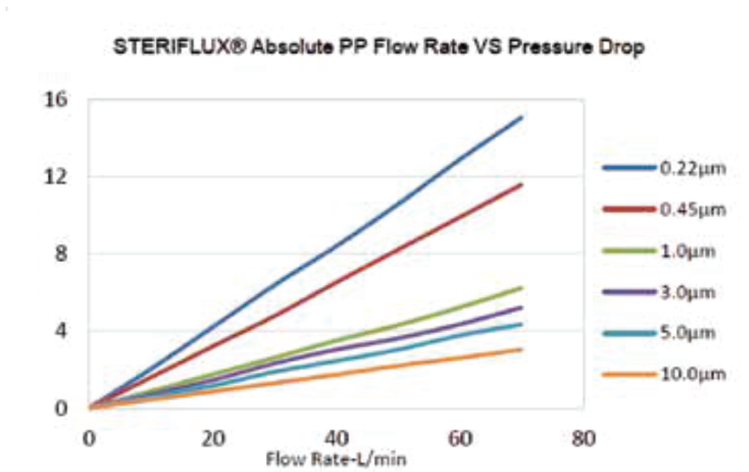
Specification

Length	5", 10", 20", 30",40",50"
Micron Rate	0.1μm~10.0μm
Diameter -OD	69mm
Surface Area	0.3m², 0.6m², 1.2m²,1.8m², 2.4m²

Operation Condition

Max. Pressure Drop	0.50Mpa@25°C/0.20Mpa@75°C
Max. Working Temp.	80°C
Change-Out ΔP	0.25Mpa
Sterilization	20times Autoclave @121°C 30mins

Pressure and Flow Rate Chart



All components meet the EU and USA requirements for Food Contact Use in accordance with CFR (Code of Federal Regulations) Title 21, EC/1935/2004and subsequent amendmentsandUSP<87>,<88>Biological tests for Class VI-121°C plastics, in vivo and Cytotoxicity tests in vitro.

Order Information

Application	Type	Material	Length	Micron	Adaptor	Sealing
I	PF	PP1	10	F	C1	S
M-BioPharma	PF-Pleated Filter	PP1-Normal PP	05=5"	A-0.1μm	D1-D0E	S-Silicone
F-Food&Beverage		PP2-Absolute PP	10=10"	B-0.2μm	B1-222/Flat	E-EPDM
C-Chemical			20=20"	B2-0.22μm	B2-222/Flat w/ SS insert	N-NBR
I-Industrial WaterTreatment			30=30"	C-0.45μm	B3-222/Fin	V-Viton
			40=40"	C5-0.5μm	B4-222/Fin w/ SS insert	F-Encapsuled Viton
			50=50"	D-0.65μm	B5-222/Fin w/ Tri-Lock	K-Encapsuled Silicone
			60=60"	E-0.8μm	C1-226/Fin	
			70=70"	F-1.0μm	C2-226/Fin w/ SS insert	
			80=80"	F2-1.2μm	C3-226/Flat	
				G-2.0μm	C4-226/Flat w/ SS insert	
				H-5.0μm	C5-226/Flat w/ guide hole	
				-10.0μm		



Fone: +55 41 3081 3050

E-mail: vendas@megafilter.com.br

Site: <https://www.megafilter.com.br/>

Rua Silvio Pinto Ribeiro, 1625 – Quississana, São José dos Pinhais – PR, CEP 83085-400