

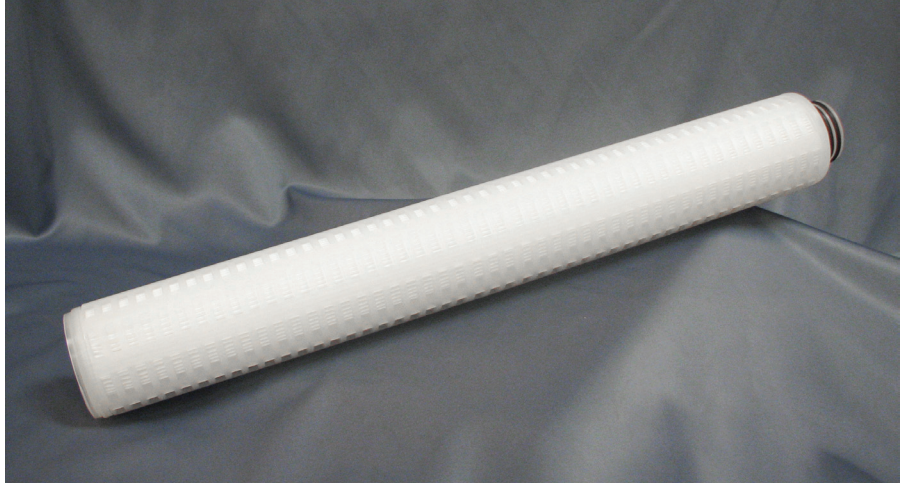
Continuous Pleat Microglass

CFP - Continuous Fiber-Pleat

- General Chemical
- Solvent Filtration
- Plating Solutions
- Waste Water
- General Water Filtration
- Oil and Gas Production
- DI/RO Prefiltration

Strainrite's [Continuous Pleat Microglass Filter Cartridges](#) utilize a high surface area of small denier fibers to create more void volume in a highly uniform matrix, optimizing flow rate and service life without sacrificing particle efficiency.

This revolutionary microfiber optimizes pore size geometry required to offer absolute rated filtration performance. Our high efficiency media is non-calendared at the lower micron ratings resulting in significantly reduced resistance to flow or pressure drop when compared to similarly rated polypropylene microfiber technologies.



These products are available in industrial grades that utilize epoxy binders or in FDA compliant grades, which utilize acrylic binders, and are perfect for a wide range of applications where chemical compatibility is critical.

Features & Benefits

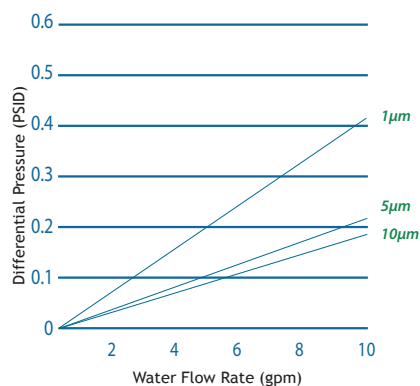
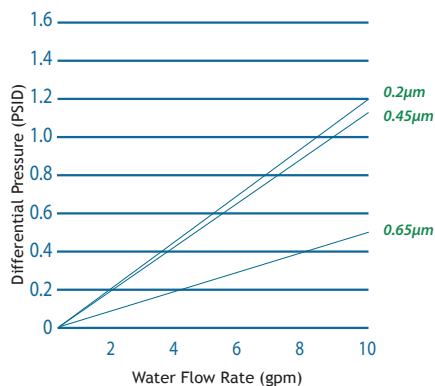
CFP

- High efficiency media provides reliable, consistent and repeatable filtration results
- High surface area pleat design for greater surface area ensures longer service life, fewer change outs and reduced operating costs per cartridge
- FDA Title 21 compliant for food and beverage contact
- Thermally bonded construction to ensure a cleaner filtrate

CFP Efficiency

Cartridge	Beta 1000	Beta 10
CFP 0.2	0.8 μ m	0.25 μ m
CFP 0.45	0.9 μ m	0.45 μ m
CFP 0.65	1 μ m	0.65 μ m
CFP 1	2 μ m	1.0 μ m
CFP 5	10 μ m	5.0 μ m
CFP 10	15 μ m	10.0 μ m

Performance Characteristics



Specifications

Retention Rating

0.2, 0.45, 0.65, 1, 5, 10

Maximum Differential Pressure

Forward: 75 psid (5.1 bar) @ 75°F (24°C)
40 psid (2.8 bar) @ 180°F (82°C)

Maximum Operating Temperature

180°F (82°C) Continuous Duty

Toxicity

All components meet all relevant USP XXII Class VI test for biological safety and FDA requirements for contact with food and beverage per 21CFR177.1520

Packaging Economy

Bulk packaging in case quantities to reduce material disposal:

10 inch	24 per carton
20 inch	12 per carton
30 inch	12 per carton
40 inch	9 per carton

Materials of Construction

Filter Media

Borosilicate Microglass

End Caps

Polypropylene

Pleat Support Material

Polyester

Cage/Core

Polypropylene

Seals

Buna N
Fluorocarbon
EPDM
Silicone
PTFE
FEP Encapsulated Fluorocarbon
FEP Encapsulated Silicone

Sealing

Thermal Bond

Dimensions

CFP

Outside Diameter: **Extruded Cage**
2.55" (6.48cm)

Approx. Surface Area
4 ft² per 10"

Outside Diameter: **Molded Cage**
2.68" (6.81cm)

Lengths
10" (25.4cm)
20" (50.8cm)
30" (76.2cm)
40" (102cm)

Ordering Information

