CFP - Continuous Fiber Pleat

Continuous Pleat Microglass Depth

Clarity clear solutions

PRODUCT HIGHLIGHTS

- **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



PRODUCT DESCRIPTION

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.

RETENTION RATING
0.2, 0.45, 0.65, 1, 5, 10 µm

OUTSIDE DIAMETER
EXTRUDED CAGE: 2.55" (6.48cm) | MOLDED CAGE: 2.68" (6.81cm)

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

PRODUCTION PROCESS
Thermal Bond

MAXIMUM OPERATING TEMPERATURE
180°F (82°C) Continuous Duty Polypropylene

PLEAT SUPPORT MATERIAL
Polyester

FILTER MEDIA
Borosilicate Microglass

CAGE/CORE/ENDCAPS
Polypropylene

TOXICITY
Cartridge materials meet USP Class VI and FDA CFR 21 for food and beverage contact

SEALS
Buna N | Fluorocarbon | EPDM | Silicone | FEP Encapsulated Fluorocarbon | FEP Encapsulated Silicone | PTFE Foam | PTFE Hard

PACKAGING ECONOMY
Single packaging available. 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

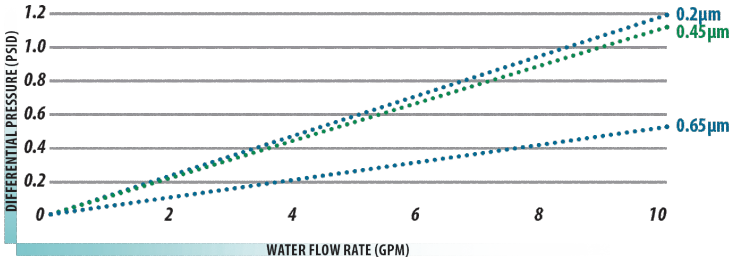
LENGTHS
10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm) | 40 inch (102 cm)

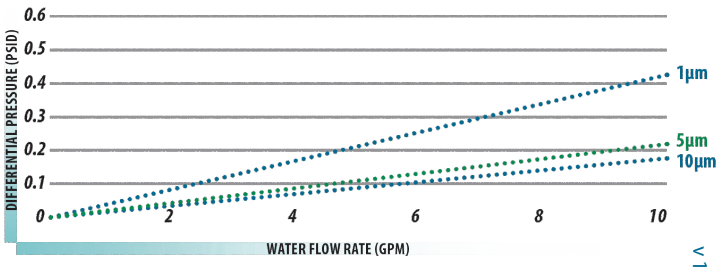
APPROXIMATE SURFACE AREA
4 Square Feet per 10"

SPECIFICATIONS

SCAN FOR MORE INFO

PERFORMANCE CHARACHTERISTICS





v 1026

ORDER OPTIONS

CARTRIDGE	MICRON RATING	LENGTH	END CAP	O-RING	GRADE	OPTIONS
CFP | Continuous Pleat-Rite	0.1 µm 0.2 µm 0.5 µm 1 µm 2.5 µm 5 µm 10 µm 15 µm 20 µm 40 µm 70 µm	10" 20" 30" 40"	**C1** = Double Open Ends **C2** = 213/Recessed Cup **C3** = Flat/222 **C4** = Single Open End/Flat **C5** = Recessed Cup/222 **C6** = Flat/226 **C7** = Fin/226 **C8** = Fin/222	**S** = Silicone **B** = Buna N **V** = Fluorocarbon **E** = EPDM **TF** = PTFE Foam **TH** = PTFE Hard **TV** = Encapsulated Fluorocarbon **TS** = Encapsulated Silicone	**-** = General **1** = FDA **5** = Water	**I** = 316 SS Insert **MC** = Molded Cage

CFP → 0.2 (MICRON RATING) – 20 (CARTRIDGE LENGTH) → C1 (END CAP CONFIGURATION) → S (GASKET / O-RING MATERIALS) → 51 (CARTRIDGE GRADE) → MC (CARTRIDGE OPTIONS) → **CFP0.2-20C1S1I**