

CFP - Continuous Fiber Pleat

Continuous Pleat Microglass Depth

- ▶ GENERAL CHEMICAL
- ▶ PLATING SOLUTIONS
- ▶ WASTE WATER

- ▶ SOLVENT FILTRATION
- ▶ DI/RO PREFILTRATION
- ▶ GENERAL WATER FILTRATION

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.

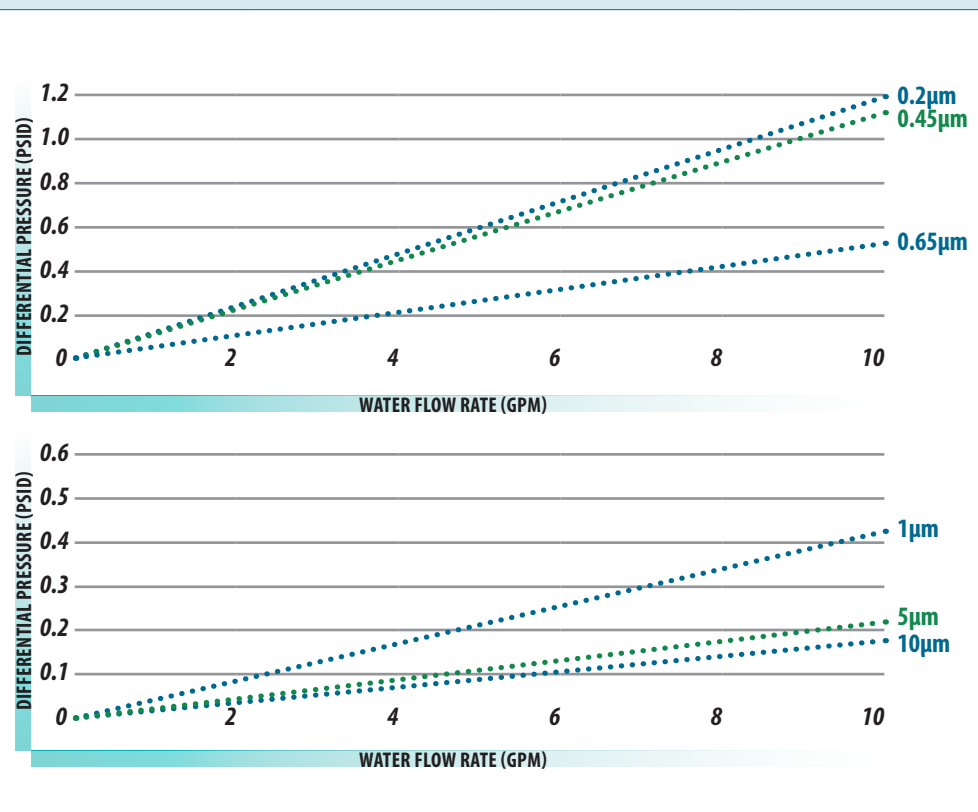


- ▶ **HIGH EFFICIENCY MEDIA PROVIDES RELIABLE, CONSISTENT AND REPEATABLE FILTRATION RESULTS**
- ▶ **HIGH SURFACE AREA PLEAT DESIGN FOR GREATER SURFACE AREA ENSURES LONGER SERVICE LIFE, FEWER CHANGE OUTS AND REDUCED OPERATING COSTS PER CARTRIDGE**
- ▶ **FDA TITLE 21 COMPLIANT FOR FOOD AND BEVERAGE CONTACT**
- ▶ **THERMALLY BONDED CONSTRUCTION TO ENSURE A CLEANER FILTRATE**

ORDER GUIDE



| RETENTION RATING | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------|---------------|
| 0.2, 0.45, 0.65, 1, 5, 10 | | | |
| MAXIMUM DIFFERENTIAL PRESSURE | | MAXIMUM OPERATING TEMPERATURE | |
| Forward: 75 psid (5.1 bar) @ 75°F (24°C) 40 psid (2.8 bar) @ 180°F (82°C) | | 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 | | | |
| 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 | | | |
| FILTER MEDIA | END CAPS | PLEAT SUPPORT MATERIAL | CAGE/CORE |
| Borosilicate Microglass | Polypropylene | Polyester | Polypropylene |
| SEALS | | | |
| Buna N Fluorocarbon EPDM Silicone FEP Encapsulated Fluorocarbon FEP Encapsulated Silicone PTFE Foam PTFE Hard | | | |
| CONSTRUCTION METHOD | | | |
| Thermal Bond | | | |
| OUTSIDE DIAMETER | | APPROXIMATE SURFACE AREA | |
| EXTRUDED CAGE: 2.55" (6.48cm) MOLDED CAGE: 2.68" (6.81cm) | | 4 SQUARE FEET PER 10" | |
| LENGTHS | | | |
| 10 inch (25.4 cm) 20 inch (50.8 cm) 30 inch (76.2 cm) 40 inch (102 cm) | | | |
| EFFICIENCY | | | |
| CFP0.2 — BETA1000 @ 0.8µm BETA10 @ 0.25µm CFP0.45 — BETA1000 @ 0.9µm BETA10 @ 0.45µm CFP0.65 — BETA1000 @ 1µm BETA10 @ 0.65µm | | CFP1 — BETA1000 @ 2µm BETA10 @ 1µm CFP5 — BETA1000 @ 10µm BETA10 @ 5µm CFP10 — BETA1000 @ 15µm BETA10 @ 10µm | |
| PERFORMANCE CHARACTERISTICS | | | |



ORDER OPTIONS

| CARTRIDGE | |
|---------------------------|------------------------------|
| CFP | Continuous Fiber Pleat |
| MICRON RATINGS | |
| 0.2, 0.45, 0.65, 1, 5, 10 | |
| CARTRIDGE LENGTH | |
| 10, 20, 30, 40 | |
| END CAP CONFIGURATIONS | |
| 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 |
| GASKET/O-RING MATERIAL | |
| S | Silicone |
| B | Buna N |
| V | Fluorocarbon |
| E | EPDM |
| TF | PTFE Foam |
| TH | PTFE Hard |
| TV | Encapsulated Fluorocarbon |
| TS | Encapsulated Silicone |
| CARTRIDGE GRADE | |
| - 1 | General FDA Grade |
| CARTRIDGE OPTIONS | |
| I MC | 316 SS Insert Molded Cage |