

CPP - Continuous Pleat-Rite

Continuous Pleat Polypropylene Depth



PRODUCT HIGHLIGHTS

- CPP elements have between 4–6 ft² of surface area per 10" equivalent
- Water grade elements have between 3–4.5 ft² of surface area per 10" equivalent
- 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
- 100% polypropylene construction offers a wide range of chemical compatibility
- Thermally bonded construction ensures a cleaner filtrate

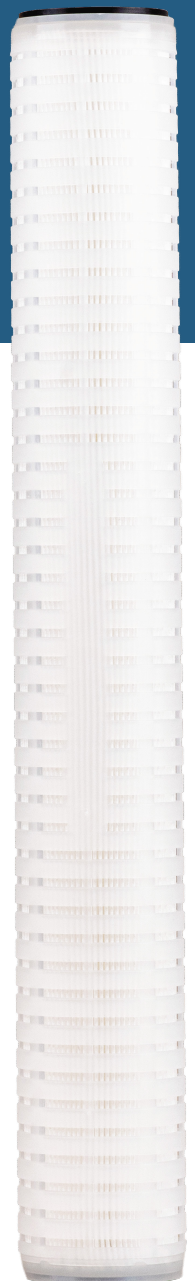
PRODUCT DESCRIPTION

Strainrite's [Continuous Pleat All-Polypropylene Filter Cartridges](#) optimize throughput while achieving consistent and repeatable effluent quality.

Our filter media is constructed on the latest continuous microfiber blowing equipment that precisely control fiber diameter and integrity across the entire web.

Utilizing state-of-the-art on-line monitoring equipment, we are able to deliver the industry's most uniform and consistent media ensuring unparalleled product consistency.

These filters are manufactured in continuous lengths without binders or resins resulting in an extremely clean non-fiber releasing filter. All construction materials comply with FDA Title 21 of The Code of Federal Regulations for food and beverage contact.



MICRON RATING

0.1, 0.2, 0.5, 1, 2.5, 5, 10, 15, 20, 40, 70 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

Polypropylene

FILTER MEDIA

Polypropylene Microfiber

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 | Encapsulated Fluorocarbon | 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)

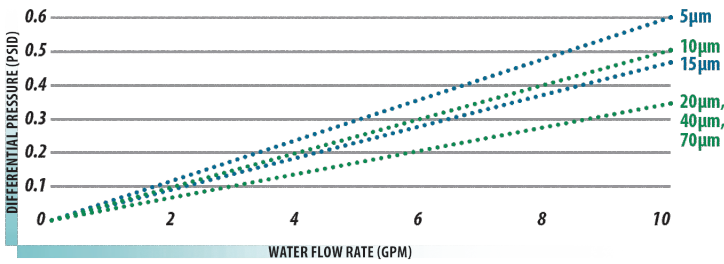
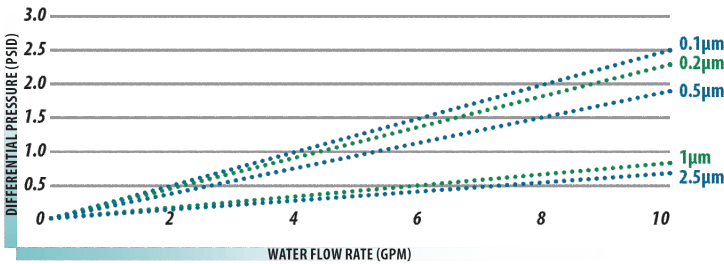
APPROXIMATE SURFACE AREA PER 10"

General Grade: 4-6 Square Feet | Water Grade: 3-4.5 Square Feet

SPECIFICATIONS

v 1026

PERFORMANCE CHARACTERISTICS



ORDER OPTIONS

CARTRIDGE	MICRON RATING	LENGTH	END CAP	O-RING	GRADE	OPTIONS
CPP 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

