CPP - Continuous Pleat-Rite

Continuous Pleat Polypropylene Depth

Clarity
clear solutions

PRODUCT HIGHLIGHTS

- **CPP elements** have between 4–6 ft^2 of surface area per 10" equivalent
- **Water grade elements** have between 3–4.5 ft^2 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

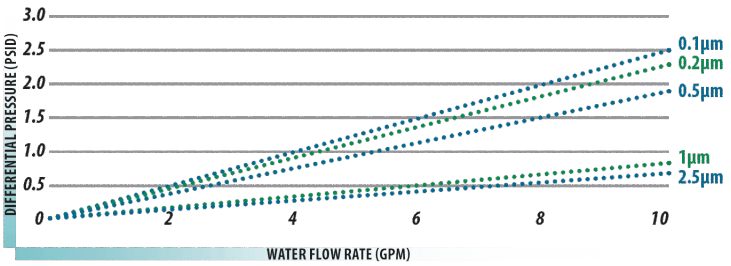
LENGTHS
10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm) | 40 inch (102 cm)

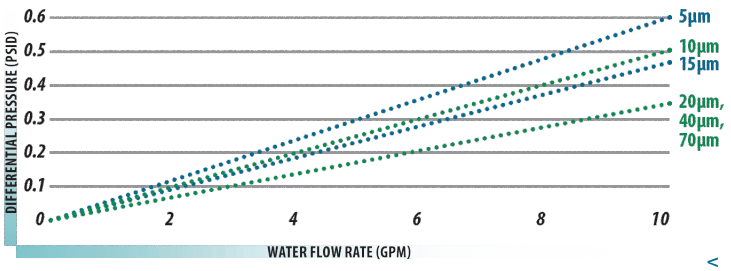
APPROXIMATE SURFACE AREA PER 10"
General Grade: 4-6 Square Feet | Water Grade: 3-4.5 Square Feet

SPECIFICATIONS

SCAN FOR MORE INFO

PERFORMANCE CHARACHTERISTICS





v 1026

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

CPP	10	–	20	C4	V	5	–	MC	CPP10-20C4V5-MC
	MICRON RATING		CARTRIDGE LENGTH	END CAP CONFIGURATION	GASKET / O-RING MATERIALS	CARTRIDGE GRADE		CARTRIDGE OPTIONS	