

# CPP - Continuous Pleat-Rite

Continuous Pleat Polypropylene Depth

- ▶ GENERAL CHEMICAL
- ▶ LIQUEFIED SUGAR
- ▶ WASTE WATER
- ▶ BLEACH

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

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.



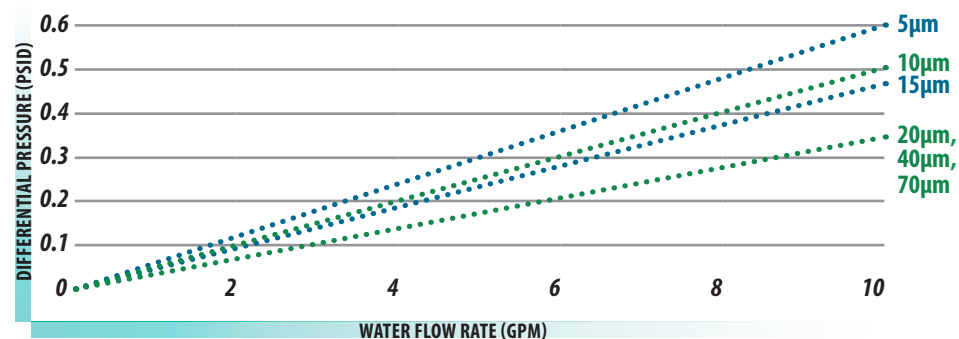
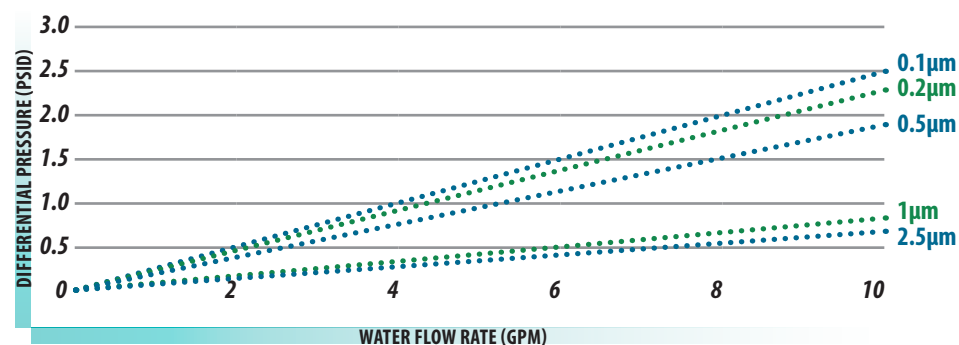
- ▶ **CPP ELEMENTS HAVE BETWEEN 4-6 FT<sup>2</sup> OF SURFACE AREA PER 10" EQUIVALENT**
- ▶ **WATER GRADE ELEMENTS HAVE BETWEEN 3-4.5 FT<sup>2</sup> OF SURFACE AREA PER 10" EQUIVALENT**
- ▶ **HIGH EFFICIENCY MEDIA PROVIDES RELIABLE, CONSISTENT AND REPEATABLE FILTRATION RESULTS**
- ▶ **HIGH SURFACE AREA 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**

## ORDER GUIDE



RETENTION RATING			
0.1, 0.2, 0.5, 1, 2.5, 5, 10, 15, 20, 40, 70			
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
Polypropylene Microfiber	Polypropylene	Polypropylene	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 PER 10"	
EXTRUDED CAGE: 2.55" (6.48cm)   MOLDED CAGE: 2.68" (6.81cm)		GENERAL GRADE: 4-6 SQUARE FEET   WATER GRADE: 3-4.5 SQUARE FEET	
LENGTHS			
10 inch (25.4 cm)   20 inch (50.8 cm)   30 inch (76.2 cm)   40 inch (102 cm)			
EFFICIENCY			
CPP0.1 — BETA100 @ 0.1µm CPP0.2 — BETA100 @ 0.2µm CPP0.5 — BETA100 @ 0.5µm CPP1 — BETA100 @ 1µm	CPP2.5 — BETA100 @ 2.5µm CPP5 — BETA100 @ 5µm CPP10 — BETA100 @ 10µm	CPP15 — BETA100 @ 15µm CPP20 — BETA100 @ 20µm CPP40 — BETA100 @ 40µm CPP70 — BETA100 @ 70µm	

## PERFORMANCE CHARACTERISTICS



## ORDER OPTIONS

CARTRIDGE	
CPP	Continuous Pleat-Rite
MICRON RATINGS	
0.1, 0.2, 0.5, 1, 2.5, 5, 10, 15, 20, 40, 70	
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	
- 5	General Water Grade
CARTRIDGE OPTIONS	
I MC	316 SS Insert Molded Cage