

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 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



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The Strainrite Companies

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)

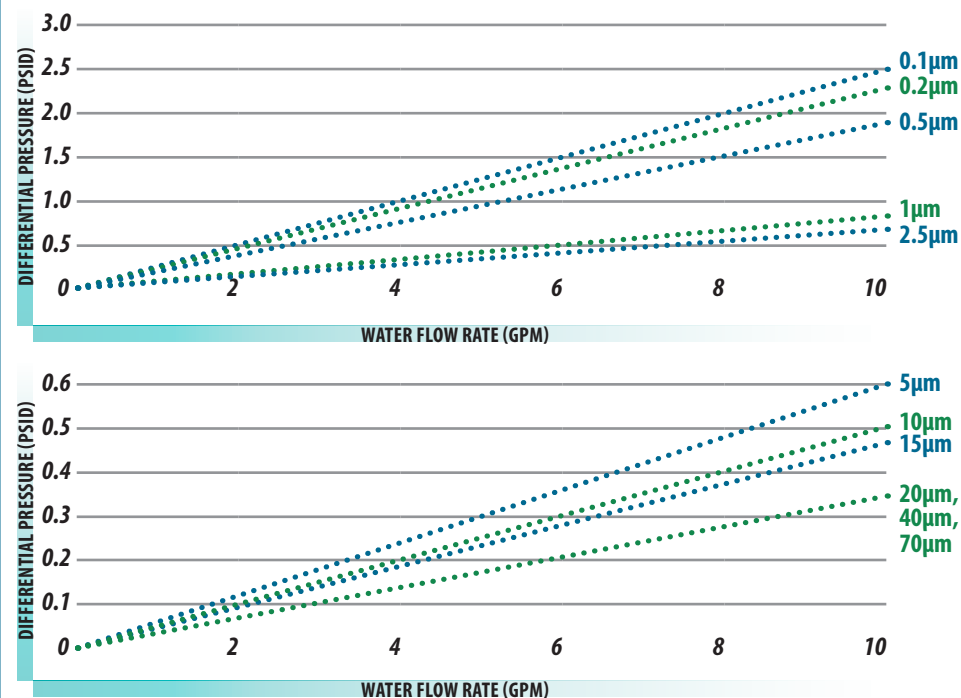
EFFICIENCY

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