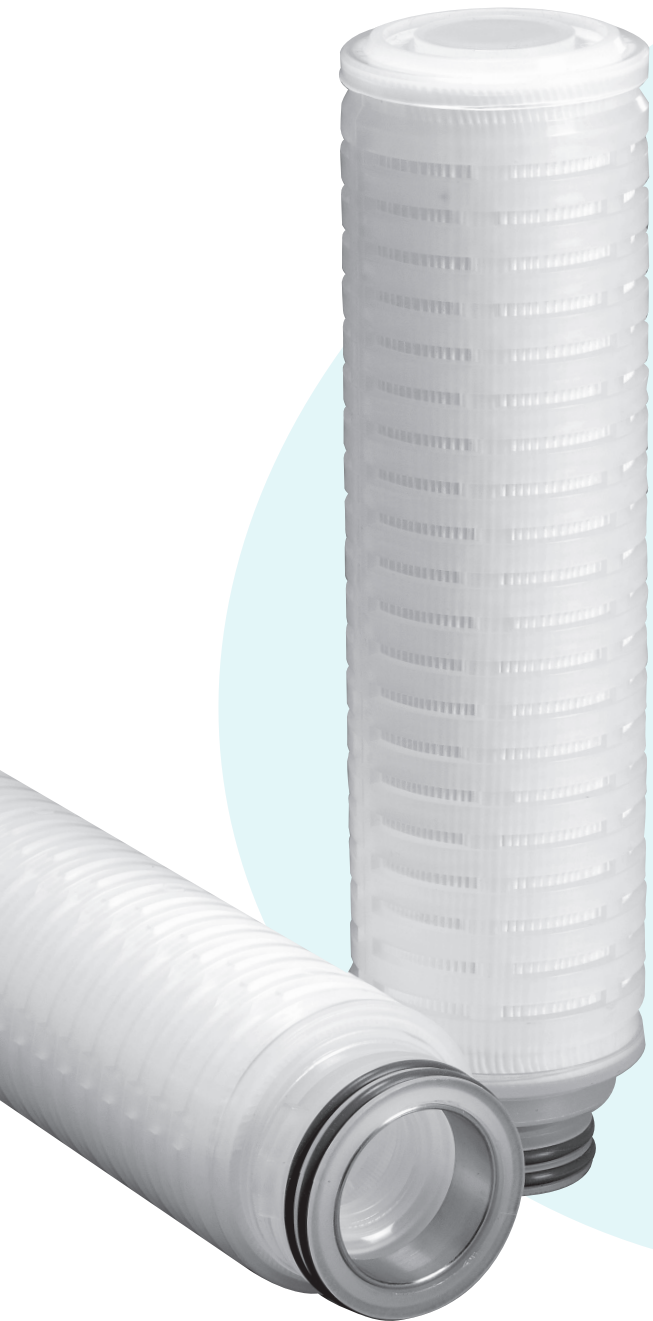


Pur-PLEAT

High Performance 100% Polypropylene Filter Cartridges

Strainrite's Pur-PLEAT all Polypropylene Filter cartridges are designed to optimize throughput, while achieving absolute and repeatable effluent quality. Our filter media is constructed on the latest continuous Micro-Fiber blowing equipment that accurately controls fiber diameter and integrity. Utilizing state-of-the-art, on-line monitoring equipment, Strainrite delivers the industry's most uniform and consistent media, ensuring unparalleled product consistency. Our 100% Polypropylene construction provides an expansive chemical compatibility range for your most demanding applications. All materials of construction meet USP Class VI and CFR 21 requirements for food and beverage contact.



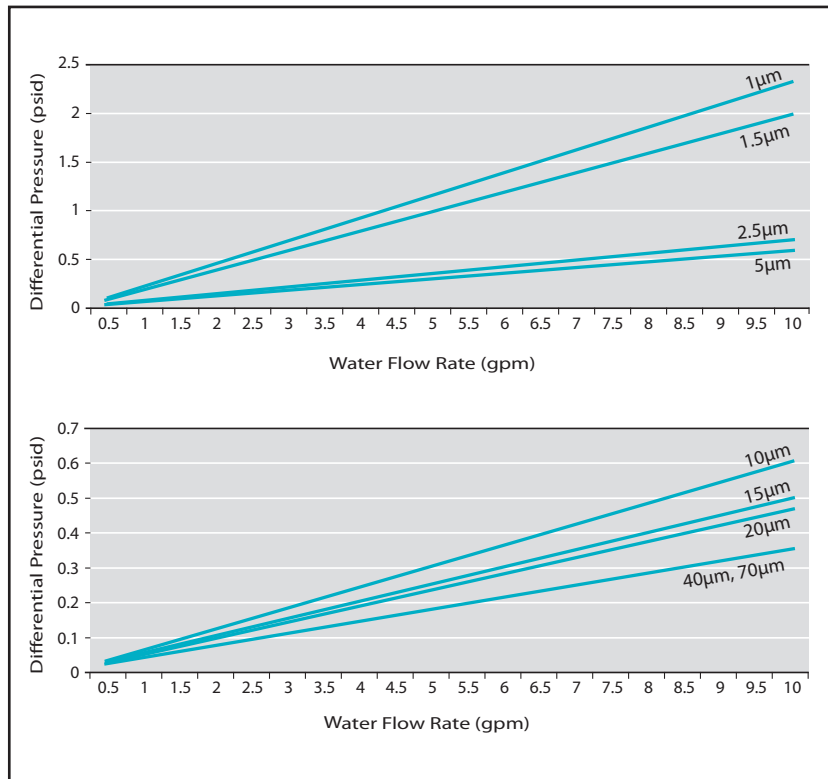
Features and Benefits

- Absolute-rated media provides reliable, consistent and repeatable filtration
- Low pressure drops yield higher flow rates and reduced processing time
- Maximized pleat design for greater surface area, ensuring longer service life, fewer change outs and reduced operating costs per cartridge
- 100% Polypropylene, FDA-compliant and CFR 21 and USP Class VI compliant
- Thermally bonded construction eliminates particle bypass

Typical Applications

Reagent Grade Chemicals
General Water Filtration
Recirculating Liquids
Waste Water
DI/RO Prefiltration

PP Pressure Drop vs. Flow Rate



Product Efficiency

Pur-Pleat	99.98% Efficiency
PP 1.0	1.0µm
PP 1.5	1.5µm
PP 2.5	2.5µm
PP 5.0	5.0µm
PP 10.0	10.0µm
PP 15.0	15.0µm
PP 20.0	20.0µm
PP 40.0	40.0µm
PP 70.0	70.0µm

Product Specifications

Materials of Construction

Filter Media:	Polypropylene Microfiber
Support Material:	Polypropylene
Hardware:	Polypropylene
Cage/Core:	Polypropylene
Sealing:	Thermal Bond
Seals:	Buna N, Fluorocarbon, EPDM FEP Encapsulated Fluorocarbon, PTFE, Silicone

Dimensions

Outside Dia:	2.55" (6.48cm)
Lengths:	10" (25.4cm), 20" (50.8cm), 30" (76.2cm), 40" (102cm)

Performance Specification

Retention Rating:	1.0, 1.5, 2.5, 5.0, 10.0, 15.0, 20.0, 40.0, 70.0
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Maximum Forward Differential Pressure

75 psid (5.1 bar) @ 68°F (20°C)
40 psid (2.8 bar) @ 150°F (65°C)

Maximum Operating Temperature

180°F (82°C) Continuous Duty Polypropylene Hardware

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

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

Cartridge Series ex. PP	Micron Rating	Length	End Cap Configurations	Gasket/O-ring Materials	Cartridge Grade
Pur-Pleat	1.0	-10	C7	S	
	1.0	10	C1-DOE flat open ends	S - Silicone (standard O-rings)	Blank-General
	1.5	20	C2-SOE recessed cup, internal 213 O-ring	B - Buna N (standard gaskets)	1 - FDA Grade
	2.5	30	C3-SOE flat closed ends, external 222 O-ring	V - Fluorocarbon	2 - Pharmaceutical
	5.0	40	C4-SOE flat closed end	E - EPDM	
	10.0		C5-SOE recessed cup, external 222 O-ring	T - PTFE	Options
	15.0		C6-SOE flat closed end, external 226 O-ring	TV - FEP Encapsulated Fluorocarbon	316 Stainless
	20.0		C7-SOE fin end, external 226 O-ring		Steel Insert
	40.0		C8-SOE fin end, external 222 O-ring		DIF - DI Flush
	70.0				