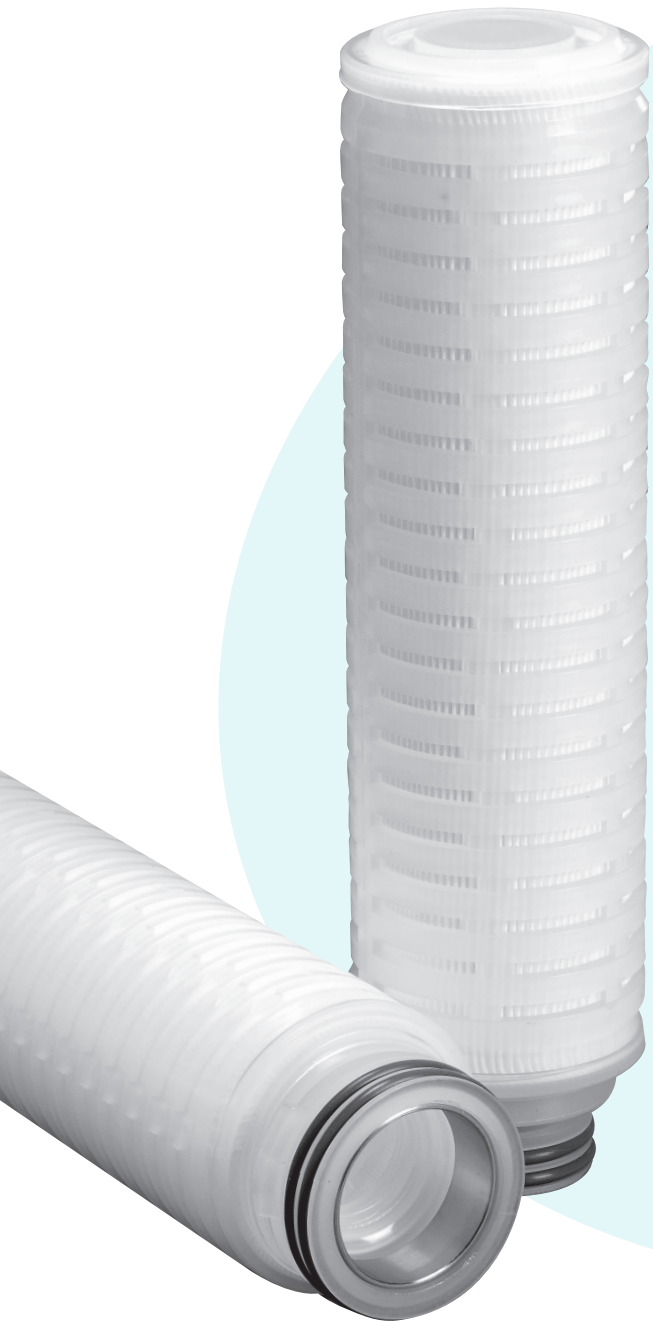


Pur-PLEAT Select

High Solids Loading All-Polypropylene Pleated Filter Cartridges

Strainrite continues its tradition of state-of-the-art advanced filtration innovation with the Pur-PLEAT Select. Pur-PLEAT Select is a unique, absolute rated, gradient density, polypropylene depth filter that utilizes the revolutionary HSL technology in combination with our high efficiency micro-fiber meltblown media. This "Select" filter combines high solids loading with absolute filtration to create one of the longest lasting, absolute-rated, pleated polypropylene filters on the market.

All "Select" filters are manufactured without binders or resins, resulting in an extremely clean non-media migration filter. Pur-PLEAT Select gradient density depth media is outstanding for removing gels as compared to other pleated polypropylene filters. Our 100% polypropylene construction provides an excellent range of chemical compatibility for your most demanding applications. All polypropylene construction materials are CFR 21 listed for direct food contact, which makes this filter ideal for a broad range of applications.



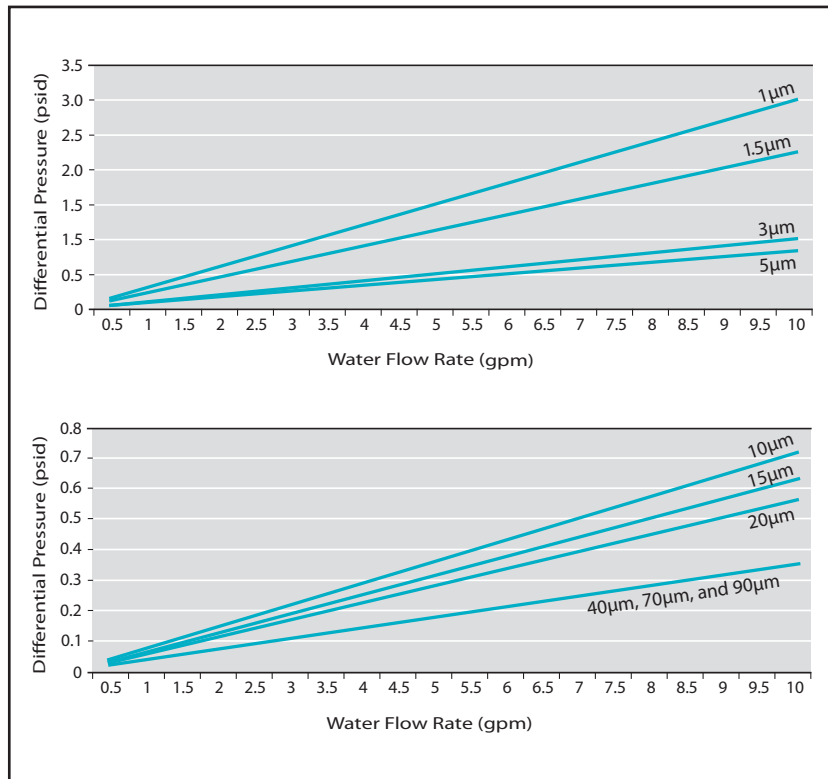
Features and Benefits

- 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 with CFR 21
- Thermally bonded construction eliminates particle bypass while minimizing extractables

Typical Applications

Bleach
Water filtration
Solvent filtration
RO/DI prefiltration
Liquefied sugar
Waste Water
Wine clarification

SPP Pressure Drop vs. Flow Rate



Product Specifications

Materials of Construction

Filter Media: Polypropylene Microfiber Composite
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, 3.0, 5.0, 10.0, 15.0, 20.0, 40.0, 70.0, 90.0

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

Product Efficiency

Pur-Pleat Select	99.98% Efficiency
SPP 1.0	1.0µm
SPP 1.5	1.5µm
SPP 3.0	3.0µm
SPP 5.0	5.0µm
SPP 10.0	10.0µm
SPP 15.0	15.0µm
SPP 20.0	20.0µm
SPP 40.0	40.0µm
SPP 70.0	70.0µm
SPP 90.0	90.0µm

Cartridge Series ex. SPP	Micron Rating 1.0	Length -10	End Cap Configurations C7	Gasket/O-ring Materials S	Options
Pur-Pleat Select	1.0	10	C1-DOE flat open ends	S - Silicone (standard O-rings)	I - 316 Stainless
	1.5	20	C2-SOE recessed cup, internal 213 O-ring	B - Buna N (standard gaskets)	Steel Insert
	3.0	30	C3-SOE flat closed ends, external 222 O-ring	V - Fluorocarbon	DIF - DI Flush
	5.0	40	C4-SOE flat closed end	E - EPDM	
	10.0		C5-SOE recessed cup, external 222 O-ring	T - PTFE	
	15.0		C6-SOE flat closed end, external 226 O-ring	TV - FEP Encapsulated Fluorocarbon	
	20.0		C7-SOE fin end, external 226 O-ring		
	40.0		C8-SOE fin end, external 222 O-ring		
	70.0				
	90.0				