

Gradient Density Polypropylene Depth

Pur-PLEAT Select & Poly-MAXX Select

- Water Filtration
- Bleach
- Liquefied sugar
- Waste Water
- Solvent Filtration
- Wine Clarification
- DI/RO Prefiltration

Strainrite continues its tradition of state-of-the-art advanced filtration innovation with the [Select \(High Solids Loading\) Polypropylene Depth](#), 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 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. 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 & Benefits

Pur-Pleat Select & Poly-MAXX Select

- Absolute-rated media provides reliable, consistent and repeatable filtration
- Low pressure drops yield higher flow rates and reduced processing time
- 100% polypropylene, FDA compliant with CFR 21
- Thermally bonded construction eliminates particle bypass while minimizing extractables

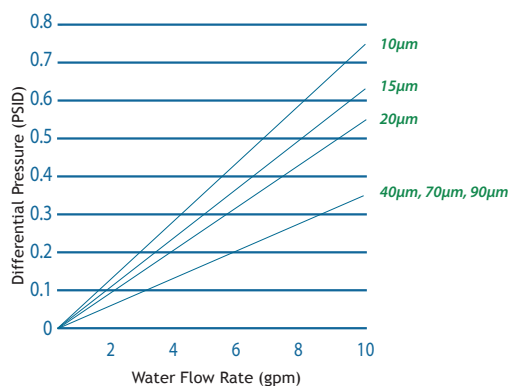
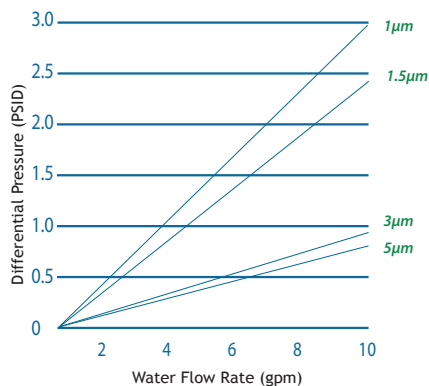
Pur-Pleat Select Efficiency

Cartridge	99.98% Efficiency
SPP 1	1.0µm
SPP 1.5	1.5µm
SPP 3	3.0µm
SPP 5	5.0µm
SPP 10	10.0µm
SPP 15	15.0µm
SPP 20	20.0µm
SPP 40	40.0µm
SPP 70	70.0µm
SPP 90	90.0µm

Poly-MAXX Select Efficiency

Cartridge	99.98% Efficiency
SPMX 1	1.0µm
SPMX 1.5	1.5µm
SPMX 3	3.0µm
SPMX 5	5.0µm
SPMX 10	10.0µm
SPMX 15	15.0µm
SPMX 20	20.0µm
SPMX 40	40.0µm
SPMX 70	70.0µm
SPMX 90	90.0µm

Performance Characteristics



Specifications

ASTM F795-88 Retention Rating

1.0, 1.5, 3.0, 5.0, 10.0, 15.0, 20.0, 40.0, 70.0, 90.0

Maximum Differential Pressure

Forward: 75 psid (5.1 bar) @ 75°F (24°C)
40 psid (2.8 bar) @ 180°F (82°C)

Maximum Operating Temperature

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

Bulk packaging in case quantities to reduce material disposal:

5 inch	48 per carton
10 inch	24 per carton
20 inch	12 per carton
30 inch	12 per carton
40 inch	9 per carton

Materials of Construction

Filter Media

Polypropylene Microfiber Composite

End Caps

Polypropylene

Pleat Support Material

Polypropylene

Cage/Core

Polypropylene

Seals

Buna N
Fluorocarbon
EPDM
Silicone
PTFE
FEP Encapsulated Fluorocarbon
FEP Encapsulated Silicone

Sealing

Thermal Bond

Dimensions

Pur-Pleat Select

Outside Diameter

2.55" (6.48cm)

Lengths

5" (12.7cm)
10" (25.4cm)
20" (50.8cm)
30" (76.2cm)
40" (102cm)

Poly-MAXX Select

Outside Diameter

2.7" (6.87cm)

Lengths

5" (12.7cm)
10" (25.4cm)
20" (50.8cm)
30" (76.2cm)
40" (102cm)

Ordering Information

Pur-Pleat Select

SPP

SPMX

Poly-MAXX Select

