

Pur-PLEAT Select & Poly-MAXX Select

Gradient Density Polypropylene Depth

- ▶ WATER FILTRATION
- ▶ LIQUEFIED SUGAR
- ▶ WASTE WATER

- ▶ SOLVENT FILTRATION
- ▶ DI/RO PREFILTRATION
- ▶ WINE CLARIFICATION
- ▶ BLEACH

Strainrite's [Select \(High Solids Loading\) Polypropylene Depth Cartridges](#) offer 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.



- ▶ **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**

ORDER GUIDE



ASTM F795-88 RETENTION RATING

1, 1.5, 3, 5, 10, 15, 20, 40, 70, 90

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

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

FILTER MEDIA

Polypropylene
Microfiber Composite

END CAPS

Polypropylene

PLEAT SUPPORT MATERIAL

Polypropylene

CAGE/CORE

Polypropylene

SEALS

Buna N | Fluorocarbon | EPDM | Silicone | FEP Encapsulated Fluorocarbon | FEP Encapsulated Silicone | PTFE Foam | PTFE Hard

CONSTRUCTION METHOD

Thermal Bond

OUTSIDE DIAMETER

SPP: 2.55" (6.48cm) | SPMX: 2.7" (6.87cm)

LENGTHS

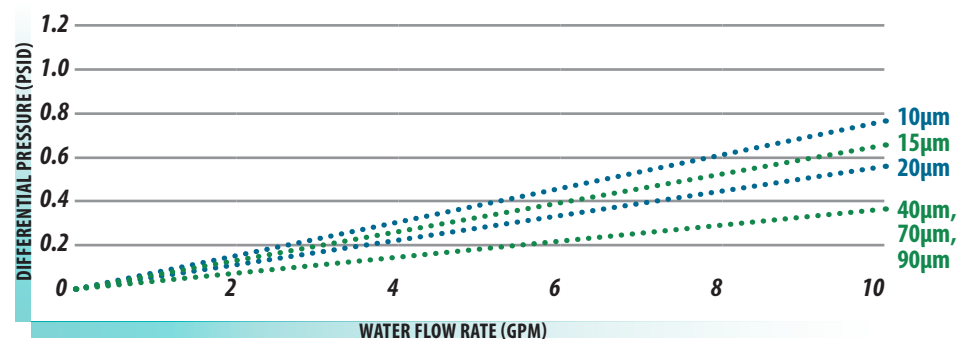
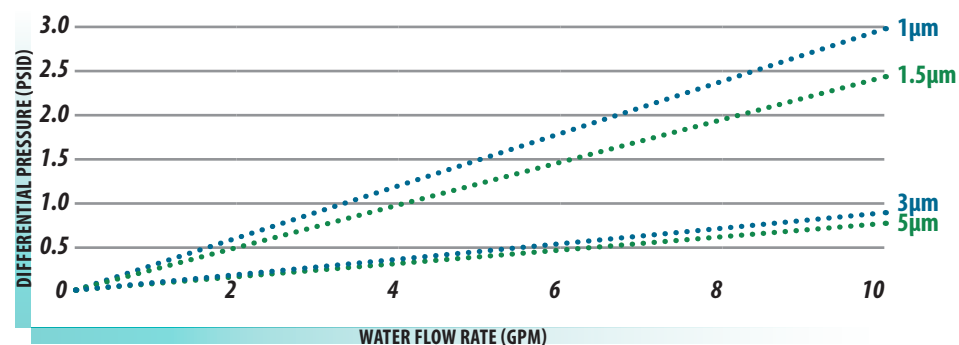
5 inch (12.7 cm) | 10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm) | 40 inch (102 cm)

EFFICIENCY

SPP1/SPMX1 — 99.98% @ 1µm
SPP1.5/SPMX1.5 — 99.98% @ 1.5µm
SPP3/SPMX3 — 99.98% @ 3µm
SPP5/SPMX5 — 99.98% @ 5µm
SPP10/SPMX10 — 99.98% @ 10µm

SPP15/SPMX15 — 99.98% @ 15µm
SPP20/SPMX20 — 99.98% @ 20µm
SPP40/SPMX40 — 99.98% @ 40µm
SPP70/SPMX70 — 99.98% @ 70µm
SPP90/SPMX90 — 99.98% @ 90µm

PERFORMANCE CHARACTERISTICS



ORDER OPTIONS

CARTRIDGE	
SPP SPMX	Pur-Pleat Select (2.55") Poly-MAXX Select (2.7")
MICRON RATINGS	
1, 1.5, 3, 5, 10, 15, 20, 40, 70, 90	
CARTRIDGE LENGTH	
5, 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	
-	General
1	FDA Grade
2	Pharmaceutical
CARTRIDGE OPTIONS	
I DIF	316 SS Insert DI Flush