# Pur-PLEAT Select & Poly-MAXX Select

Gradient Density Polypropylene Depth

Clarity
clear solutions

## PRODUCT HIGHLIGHTS

- **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



## PRODUCT DESCRIPTION

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.

## ASTM F795-88 RETENTION RATING
*1, 1.5, 3, 5, 10, 15, 20, 40, 70, 90 µm*

## OUTSIDE DIAMETER
*SPP: 2.55" (6.48cm) | SPMX: 2.7" (6.87cm)*

## MAXIMUM DIFFERENTIAL PRESSURE
*Forward: 75 psid (5.1 bar) @ 75°F (24°C)*
*40 psid (2.8 bar) @ 180°F (82°C)*

## PRODUCTION PROCESS
*Thermal Bond*

## MAXIMUM OPERATING TEMPERATURE
*180°F (82°C) Continuous Duty Polypropylene*

## PLEAT SUPPORT MATERIAL
*Polypropylene*

## FILTER MEDIA
*Polypropylene Microfiber Composite*

## CAGE/CORE/ENDCAPS
*Polypropylene*

## TOXICITY
*Cartridge materials meet USP Class VI and FDA CFR 21 for food and beverage contact*

## SEALS
*Buna N | Fluorocarbon | EPDM | Silicone | FEP Encapsulated Fluorocarbon | FEP Encapsulated Silicone | PTFE Foam | PTFE Hard*

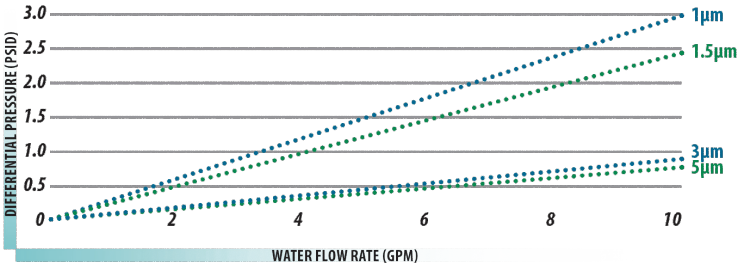
## PACKAGING ECONOMY
*Bulk packaging in case quantities to reduce material disposal:*
*5 inch - 48 per carton | 10 inch - 24 per carton | 20 inch - 12 per carton | 30 inch - 12 per carton | 40 inch - 9 per carton*

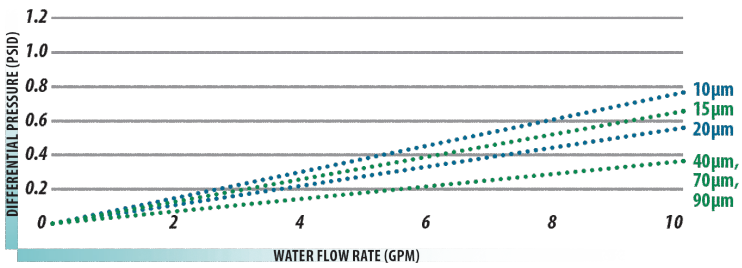
## LENGTHS
*5 inch (12.7 cm) | 10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm) | 40 inch (102 cm)*

# SPECIFICATIONS

SCAN FOR MORE INFO

## *PERFORMANCE CHARACHTERISTICS*




v 1026

# ORDER OPTIONS

| CARTRIDGE | MICRON RATING | LENGTH | END CAP | O-RING | GRADE | OPTIONS |
|---|---|---|---|---|---|---|
| **SPP** I Pur-Pleat S (2.55")<br>**SPMX** I Poly-MAXX S (2.7") | 1 µm<br>1.5 µm<br>3 µm<br>5 µm<br>10 µm<br>15 µm<br>20 µm<br>40 µm<br>70 µm<br>90 µm | 5"<br>10"<br>20"<br>30"<br>40" | **C1** = Double Open Ends<br>**C2** = 213/Recessed Cup<br>**C3** = Flat/222<br>**C4** = Single Open End/Flat<br>**C5** = Recessed Cup/222<br>**C6** = Flat/226<br>**C7** = Fin/226<br>**C8** = Fin/222 | **S = Silicone**<br>**B = Buna N**<br>**V = Fluorocarbon**<br>**E = EPDM**<br>**TF = PTFE Foam**<br>**TH = PTFE Hard**<br>**TV = Encapsulated Fluorocarbon**<br>**TS = Encapsulated Silicone** | - = General<br>**1** = FDA<br>**2** = Pharmaceutical | **I** = 316 SS Insert<br>**DIF** = DI Flush |

| SPP / SPMX | 1 | – | 10 | C1 | S | 1 | DIF | SPP1-10C1S1DIF |
|---|---|---|---|---|---|---|---|---|
| | MICRON RATING | | CARTRIDGE LENGTH | END CAP CONFIGURATION | GASKET / O-RING MATERIALS | CARTRIDGE GRADE | CARTRIDGE OPTIONS | |