Pur-PLEAT & Poly-MAXX

Absolute-Rated Polypropylene Depth

Clarity
clear solutions

PRODUCT HIGHLIGHTS

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



PRODUCT DESCRIPTION

Strainrite's Absolute-Rated Polypropylene Depth Cartridges are designed to optimize throughput while achieving absolute and repeatable effluent quality. Our filter media is constructed on the latest continuous microfiber 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 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.

The Poly-MAXX now offers a Special Pleat option in micron ratings of 1, 1.5, 2.5. This option provides expected surface area improvements of as much as 25%. This optimized pleat geometry option was developed for the filtration of process fluids that require a high degree of particle retention and/or constant bacterial barrier for effective sterilization.

ASTM F795-88 RETENTION RATING
1, 1.5, 2.5, 5, 10, 15, 20, 40, 70 µm

OUTSIDE DIAMETER
PP: 2.55" (6.48cm) | PMX: 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

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

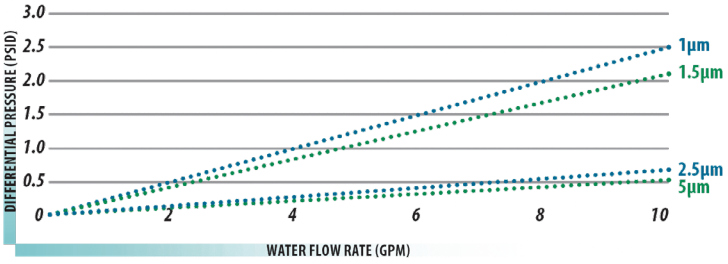
PACKAGING ECONOMY
Bulk packaging in case quantities to reduce material disposal:
5 inch - 48 per carton | 10 inch - 24 per carton | 20 inch - 12 per carton | 30 inch - 12 per carton | 40 inch - 9 per carton

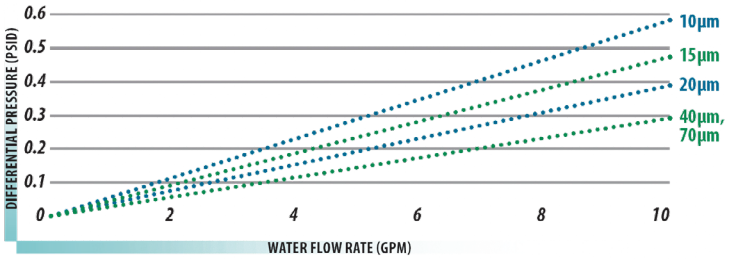
LENGTHS
5 inch (12.7 cm) | 10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm) | 40 inch (102 cm)

SPECIFICATIONS

SCAN FOR MORE INFO

PERFORMANCE CHARACHTERISTICS





v 1026

ORDER OPTIONS

CARTRIDGE	MICRON RATING	LENGTH	END CAP	O-RINGGRADE	GRADE	OPTIONS
PP I Pur-Pleat S (2.55") **PMX** I Poly-MAXX S (2.7")	1 µm 1.5 µm 2.5 µm 5 µm 10 µm 15 µm 20 µm 40 µm 70 µm	5" 10" 20" 30" 40"	**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	**S** = Silicone **B** = Buna N **V** = Fluorocarbon **E** = EPDM **TF** = PTFE Foam **TH** = PTFE Hard **TV** = Encapsulated Fluorocarbon **TS** = Encapsulated Silicone	**-** = General **1** = FDA **2** = Pharmaceutical	**I** = 316 SS Insert **DIF** = DI Flush **PLEAT OPTION** **SP** = Special Pleat (PMX 1, 1.5, 2.5 only)

PP / PMX	1	–	10	C1	S	2	DIF	PP1-10C1S1DIF
	MICRON RATING		CARTRIDGE LENGTH	END CAP CONFIGURATION	GASKET / O-RING MATERIALS	CARTRIDGE GRADE	CARTRIDGE OPTIONS	