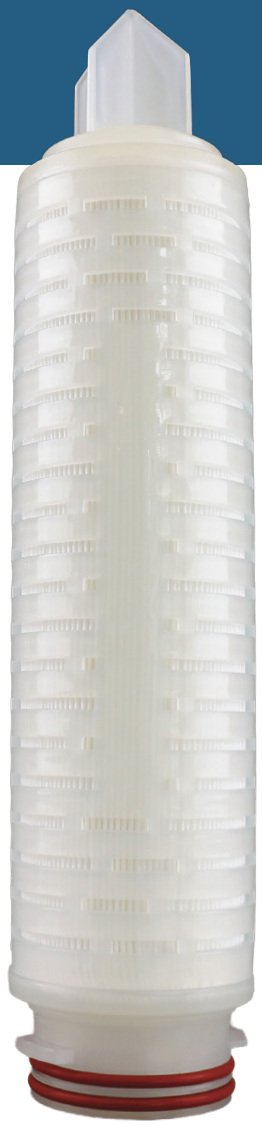
Mem-PLEAT T & Pur-MAXX T

Pleated PTFE Membrane

Clarity
clear solutions

PRODUCT HIGHLIGHTS

- **Pharmaceutical grade elements** are 100% integrity tested
- **High flow** rates
- **Low** extractables
- **Thermally bonded** construction
- **FDA listed materials** per CFR 21
- **Manufactured** in certified clean rooms



PRODUCT DESCRIPTION

Strainrite's Pleated PTFE Membrane Cartridges were developed for critical filtration applications where PTFE and polypropylene materials are compatible.

Utilizing a proprietary PTFE membrane casting method we are able to achieve a pore configuration that optimizes cartridge flow rates with absolute and reliable particle and microorganism retention. This uniquecombination of features positions them as one of the most reliable and economical PTFE membranes in the market.

These cartridges are manufactured and tested in our 3rd party certified clean room with components that meet USP Class VI Biological Reactivity Test resulting in extremely low extractables. These high purity elements are perfect for biopharmaceutical, microelectronics and high purity chemicalnapplications.

The Pur-MAXX T now offers a Special Pleat option, which provides expectednsurface 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.

ABSOLUTE RATED RETENTION
0.1, 0.2, 1, 3 µm

OUTSIDE DIAMETER
MPN: 2.55" (6.48cm) | PRMXN: 2.7" (6.87cm)

PRODUCTION PROCESS
Thermal Bond

MAXIMUM DIFFERENTIAL PRESSURE
Forward: 75 psid (5.1 bar) @ 75°F (24°C)
40 psid (2.8 bar) @ 180°F (82°C)
Reverse: 50 psid (3.4 bar) @ 75°F (24°C)

APPROX SURFACE AREA
6.8 square feet per 10" equivalent

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

PLEAT SUPPORT MATERIAL
Polypropylene

FILTER MEDIA
PTFE

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

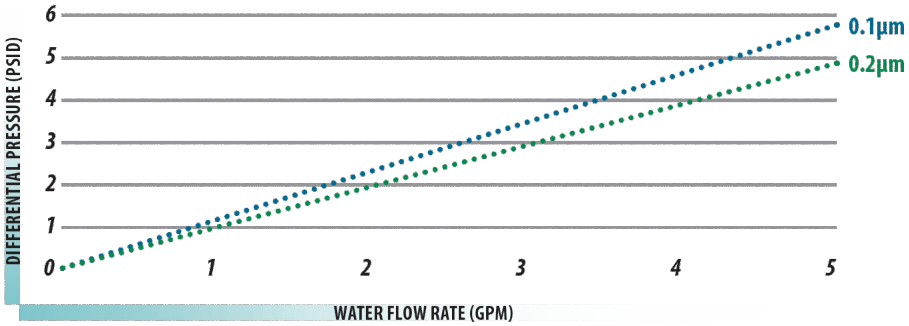
PACKAGING ECONOMY
Bulk packaging in case quantities to reduce material disposal:
5 inch - 48 per carton | 10 inch - 24 per carton | 20 inch - 12 per carton | 30 inch - 12 per carton | 40 inch - 9 per carton

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	RATINGS	LENGTHS	END CAP	O-RING	GRADE	OPTIONS
MPT I Mem-Pleat T (2.55") **PRMXT** I Pur-MAXX T (2.7")	0.1 µm 0.2 µm 1 µm 3 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 **2** = Pharmaceutical	**I** = 316 SS Insert **DIF** = DI Flush **PLEAT OPTION** **SP** = Special Pleat (PRMT only)

MPT / PRMT	0.2	–	10	C1	E	2	I	MPT0.20-10C1E2I
	MICRON RATING		CARTRIDGE LENGTH	END CAP CONFIGURATION	GASKET / O-RING MATERIALS	CARTRIDGE GRADE	CARTRIDGE OPTIONS	