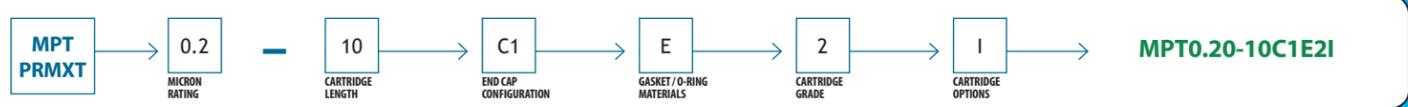


Mem-PLEAT T & Pur-MAXX T

Pleated PTFE Membrane

- ▶ PHOTORESISTS
- ▶ PHARMACEUTICAL SOLVENTS
- ▶ ELECTRONIC GRADE SOLVENTS
- ▶ HOT DEIONIZED WATER

ORDER GUIDE



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 unique combination 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 chemical applications.

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



- ▶ 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

SPECIAL PLEAT OPTION:

- ▶ OPTIMIZED PLEAT GEOMETRY
- ▶ EXPECTED SURFACE AREA IMPROVEMENTS OF AS MUCH AS 25%

NEED A VESSEL FOR YOUR CARTRIDGES?
 For the Mem-Pleat T and Pur-MAXX T, the following vessel types are most commonly used:
 SRCT—PAGE 126 SRC—PAGE 128
 As always, discuss your options with your local sales representative to find the best fit for your application.

ABSOLUTE RATED RETENTION			
0.1, 0.2, 1, 3			
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)	
MAXIMUM OPERATING TEMPERATURE			
180°F (82°C) Continuous Duty			
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	END CAPS	PLEAT SUPPORT MATERIAL	CAGE/CORE
PTFE	Polypropylene	Polypropylene	Polypropylene
SEALS			
Buna N Fluorocarbon EPDM Silicone FEP Encapsulated Fluorocarbon FEP Encapsulated Silicone PTFE Foam PTFE Hard			
CONSTRUCTION METHOD			
Thermal Bond			
OUTSIDE DIAMETER		APPROXIMATE SURFACE AREA	
MPT: 2.55" (6.48cm) PRMXT: 2.7" (6.87cm)		6.8 square feet per 10" equivalent	
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)			
PERFORMANCE CHARACTERISTICS			

ORDER OPTIONS

CARTRIDGE	
MPT PRMXT	Mem-Pleat T (2.55") Pur-MAXX T (2.7")
MICRON RATINGS	
0.1, 0.2, 1, 3	
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
2	Pharmaceutical
CARTRIDGE OPTIONS	
I	316 SS Insert
DIF	DI Flush
SPECIAL PLEAT OPTION	
SP	Special Pleat (PRMXT only)