

# Pleated PTFE Membrane

Mem-PLEAT T & Pur-MAXX T

▪ Photoresists

▪ Electronic Grade Solvents

▪ Pharmaceutical Solvents

▪ Hot Deionized Water

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.

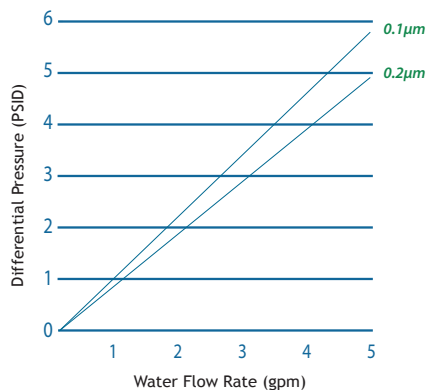


## Features & Benefits

### Mem-Pleat T & Pur-MAXX T

- 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

## Performance Characteristics



## Specifications

### Absolute Rated Retention

0.10, 0.20

### 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

## Materials of Construction

### Filter Media

PTFE

### End Caps

Polypropylene

### Pleat Support Material

Polypropylene

### Cage/Core

Polypropylene

### Seals

Buna N

Fluorocarbon

EPDM

Silicone

PTFE

FEP Encapsulated Fluorocarbon

FEP Encapsulated Silicone

### Sealing

Thermal Bond

## Dimensions

### Mem-Pleat T

#### Outside Diameter

2.55" (6.48cm)

#### Approx. Surface Area

6.8ft<sup>2</sup> per 10" equivalent

#### Lengths

5" (12.7cm)

10" (25.4cm)

20" (50.8cm)

30" (76.2cm)

40" (102cm)

### Pur-MAXX T

#### Outside Diameter

2.7" (6.87cm)

#### Approx. Surface Area

6.8ft<sup>2</sup> per 10" equivalent

#### Lengths

5" (12.7cm)

10" (25.4cm)

20" (50.8cm)

30" (76.2cm)

40" (102cm)

## Ordering Information

Mem-Pleat T

MPT

PRMXT

Pur-MAXX T

