



MULTI-DIRECTIONAL EXPANDED PTFE SHEET

STYLE NO: TMPS

Multidirectionally expanded PTFE sheet made from 100% PTFE

This special manufacturing process results in almost equal tensile strength in all directions. Also this material is easier to compress and minimizes creep and cold flow.

Applications

- Aerospace
- Petrochemical
- General Chemical
- Pulp and Paper
- Food and Beverage
- Power Generation

Advantages

- Good chemical resistance
- Resistance to cold flow
- Excellent mechanical strength
- Reliable sealing
- Flexible-& easy cutting
- Clean and non-toxic

COMPLIES TO FDA21 CFR177.1550

PHYSICAL PROPERTIES



Item	Standard
Temperature	-240°C to 260°C
Operation Pressure	Vacuum to: 3000 psi
Color	White
pH	0-14*
Density	0.75-0.85 g/cm ³
Sealability-ASTM F37B ml/hr	0.17
Compression- ASTM F 36 M %	63.4
Recovery - ASTM F36 %	9.1
Stress Relaxation- ASTM F38 %	37.1

Complies to FDA21 CFR177.1550

GENERAL SIZE

Thickness (mm)	Thickness Tolerance(mm)	Size(mm)	Size Tolerance(mm)
0.5	±0.10	1500 x 1500	±10
1	±0.15	1500 x 1500	±10
1.5	±0.20	1500 x 1500	±10
2	±0.20	1500 x 1500	±10
3	±0.30	1500 x 1500	±10
4	±0.30	1500 x 1500	±10
5	±0.30	1500 x 1500	±10
6	±0.30	1500 x 1500	±10

Also we can supply 3000 x 1500mm and 4500 x 1500mm, Thickness:0.5-7mm

INQUIRY / ORDER EXAMPLE

Size	Qty
1.5mm x 1500mm x 1500mm	10sheets
3.0mm x 1500mm x 4500mm	5sheets

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