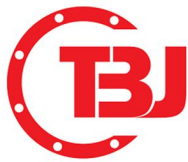


Expanded PTFE Sheet



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MS ISO/IEC 17021:2011
QS26122016 CB 16



Certificate Number : FM 646287
ISO 9001 : 2015

Expanded PTFE sheet is an extremely compressible material manufactured from 100% virgin PTFE.

This material is ideal for applications with limited bolt load torque available. It adapts well to sealing surfaces, compensates irregularities and seals at very low stresses.

It is suitable for use in metallic flanged, as well as stress sensitive connections. Seals most chemicals across the whole pH range (0-14).

General Properties

- Adapts well to sealing surfaces, compensates irregularities
- Superior resistance to creep and cold flow
- Very high seal-ability especially at very low stresses
- High chemical resistance

Typical Applications

- Flange connections
- Heat exchangers
- Reactor columns, glass lined flanges
- Uneven or distorted flanges
- Pharmaceutical- and food processing equipment

Standard Thickness, Roll Size and Finish

Standard Thickness	1.5mm, 2mm, 3mm, 4mm, 5mm, 6mm
Standard Roll Size	1500 x 1500mm
Standard Finish	Both Sides Smooth (SS)

* Note: Manufacturing tolerance of $\pm 10\%$ on thickness, $\pm 5\%$ on length & $\pm 2\%$ on width shall be applicable

Cut lengths, strips, custom shapes, surface finish and colours are available upon request

● **Technical Data** - Typical values for a thickness of 2.0 mm

	Test Method	Unit	Specified Value
Compressibility	ASTM F36	%	60
Recovery	ASTM F36	%	12
Elongation at break	ASTM D638	%	210 - 400
Working temperature range	-	°C	-200 - +260
Stress relaxtion	ASTM F38	%	38
Tensile strength	ASTM D638	Mpa	25
Sealability	ASTM F37-B (nitrogen) @60psig	ml/hr	0.16
Density	-	g/cm ³	0.85

All information/applications contained in this publication are to the best of our product knowledge. Since condition of uses is beyond our control, users must satisfy themselves that products are suitable for the intended processes and uses. Failure of select the proper sealing products could result in property damage and/or serious personal injury. We reserve the right to change product information without notice.