

Expanded PTFE Datasheet

Temperature Range: -180°C to +260°C

Ph Range: 0 – 14 except molten alkali metals & elemental fluorine

Expanded PTFE Sheet is a high performance sheet gasket material made of multi directionally virgin PTFE. It is a soft, form-in-place gasket material that conforms to almost any sealing surface. It is capable of withstanding a wide range of pressure, temperature and chemical environments. Due to its highly fibrillated microstructure, it has excellent creep resistance compared with other PTFE products.

Properties	Specification	Mechanical Properties	Value
Appearance	SHEET FORM	Compression Ratio,%	≤61
Material Type	Standard PTFE	Elastic Resilience Ratio %	≥7
Filler	none	Density	0.6-0.9
Filler Content by weight	100.00%	Sealability,cm3/s (Astmf-37B)	≤1.0x10-4
Colour	white	Compression Deformation Ratio (Astmf-38)	≤41

Special Features:

- best adaptation on uneven surfaces and affected sealing faces
- for sealing of stress sensitive material like glass lined steel, glass etc
- long lasting gasket solution for extreme aggressive Media

<p>Suitable for use against :</p> <p>Acids Alkalis Corrosive Fluids Oils Solvents</p>	<p>For use in the following industries</p> <p>Food & Beverage Pharmaceutical Chemical Petrochemical Distillery Marine Power Generation Paper</p>
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