

TECHNICAL DATA SHEET

Expanded PTFE Sheet (ePTFE)



Expanded PTFE Sheet is manufactured from 100% virgin PTFE resin through a special expansion process, forming a multidirectional fibrous structure with excellent compressibility, low creep, and outstanding chemical resistance.

Property	Specification
Temperature	-200°C to +280°C
Pressure	≤ 20 MPa
pH Range	0 – 14
Density	0.75 – 0.85 g/cm ³
Compressibility	45 ± 5 %
Recovery	≥ 10 %
Thickness	1 – 6 mm
Sheet Size	1500 × 1500 mm
Applications	Flanges, Valves, Pumps, Heat Exchangers

Advantages: Excellent chemical resistance • Low creep • Easy installation • Suitable for irregular flange surfaces.