

Expanded PTFE Tape (Joint Sealant)



SPECIFICATION SHEET

PTFE Joint Sealant is an inorganic sealant for static applications manufactured from 100% PTFE (Teflon). This tape comes with adhesive on one side, is flexible, has excellent corrosion-resistance, high tensile strength and tough properties making it the ideal economic sealing gasket offering superior performance.

Service:

Flanges; fume ducts; concrete lids; glass joints; heat exchangers; fibreglass reinforced plastic vessels; pump & compressor housing flanges; manhole covers; ceramic joints; hydraulic & pneumatic systems; water systems; ventilation ducts & fan housings

TECHNICAL DATA

Working Temperature	-100°C to +260°C
pH Range	0 – 14 (unaffected by common chemicals)
Standards	FDA21 CFR177.1550; RoHS, REACH
Working Pressure	Gas : 1.6 Mpa Liquid : 6.4 Mpa
Tensile Strength	≥8.0 Mpa
Density	0.70-1.0 g/cm ³
Volatile Content	≤1.0%
Melting Point	327°C

Installation:

- Choose joint sealant tape that is 1/3 to 1/2 of the sealing face
- Clean all grease, debris and dirt from flange
- Peel off release paper and apply tape around the flange inside the bolt circle
- Overlap end approx. 3/4" at a bolt hold
- Fit the flange to the component and tighten each bolt uniformly (follow standard tightening sequence)

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