

Fluorofoam Expanded PTFE (ePTFE) gasket tape is made using a proprietary process wherein soft, sealable properties are given to standard PTFE (Teflon).

Fluorofoam is made with 100% pure PTFE resins.

It is suitable for:

- use in steel and non-metallic flanges where a highly compressible gasket is required.
- sealing irregular surfaces; since it doesn't face the cold flow problems associated with virgin PTFE or the hardness problems of some other filled PTFE products.

Our ePTFE Joint Sealant Tapes come with a one-side adhesive backing and are available in all standard cross sections. Standard thicknesses go from 0.25mm up to 15mm with widths of 5mm up to 75mm. Customizable dimensions are also available on request.



- Low density
- High service temperature
- High sealing at low torque
- Excellent chemical resistance
- Does not allow combustion
- Easy installation

Why Poly Fluoro?

- Our end-to-end in-house manufacturing processes allow us to **customize** thickness, width, and even color, to **match client requirements**, while maintaining fundamental properties – such as specific gravity and compressibility.

- Poly Fluoro only uses the **best quality** resins in manufacturing films. We do not employ any reprocessed/recycled resins in our process. As a result, the end properties and consistency of our products are in line with **global standards**.

- Poly Fluoro also offers **value-added services** to have the gasket tape **pre-installed** into an assembly as per client requirements.

Typical properties of Fluorofoam	Standard	Value	Unit
Color:		White, branded	
Temperature Range:		-350 to 600°F (-212 to 316°C)	°C
Pressure (max):	ASTM F104	1850 psi	Bar
Fluid Services:		Steam, Strong Acids, Strong Caustics, Aqueous and Anhydrous Hydrogen Fluoride	
Density:	ASTM F104	0.75-0.85	g/cm ³
Compressibility, ASTM F36:	ASTM F36	55%	
Recovery ASTM F36:	ASTM F36	12%	
Sealability			
ASTM F37 (Fuel A):	ASTM F37	0.01	mL/hr
ASTM F37 (Nitrogen):		0.02	
DIN 3535 Gas Permeability:	DIN 3535	0.01	cc/min
Creep Relaxation ASTM F38:	ASTM F38	30%	

