

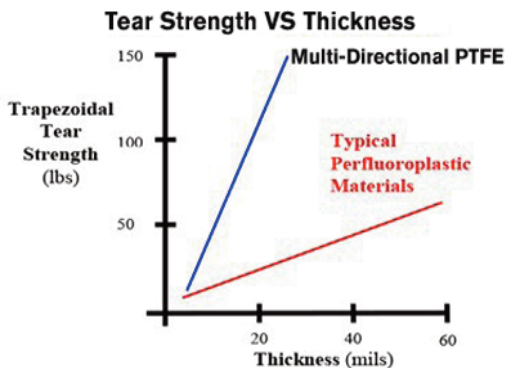


CORROSION LINER LAMINATED TO A PTFE/FIBERGLASS COMPOSITE ENGINEERED FOR WET AND CORROSIVE EXPOSURE:

TLFP 14-7 is a 0.009" (0.23mm) multi-directional PTFE material that is laminated to a T1400 load bearing component. The multi-directional PTFE is capable of resisting the stress-cracking caused by flexing and severe temperature fluctuation in expansion joint applications. The multi-directional strength and durability of TLFP 14-7 allows it to function as a thick PTFE barrier for corrosive chemicals while maintaining a crack-free and flexible surface. The toughness of the multi-directional PTFE is proven by the successful performance of the material in many industrial applications as a "stand-alone" product.

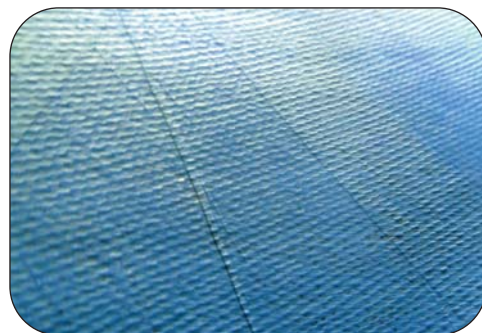
**Multi-Directional PTFE Technology:**

Breakthrough technology now permits thick PTFE liners to be used in expansion joint service without the fear of stress cracking due to severe operating conditions. Referring to the chart on the right, multi-directional PTFE is a different perfluoroplastic altogether.

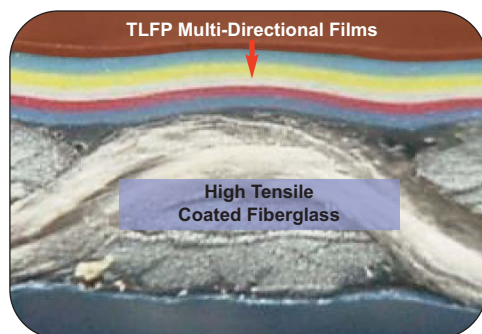


TLFP 14-7	
Weight	60 oz/yd <sup>2</sup> (2035 g/m <sup>2</sup> )
Thickness	0.047" (1.2 mm)
Width	56" (1422 mm) to 59" (1498 mm); Special Widths Available
Tensile Strength (Warp)	1200 lbs/in (10724 N/50 mm)
Tensile Strength (Fill)	1200 lbs/in (10724 N/50 mm)
Construction Materials	Woven Fiberglass; Fluoropolymer Resins
Upper Use Temperature	600°F (316°C) Continuous

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Thorburn's TLFP is made from 100% Multi-Directional PTFE resins which make it virtually chemically inert. The thermal stability of PTFE provides service temperatures up to 600°F.



This cross section photo with individually colored plies illustrates the multiple plies used to create TLFP 14-7 expansion joint material

Quality System Certified to

- SP N285.0 | B51
- U ASME "U" Stamp (Registered)
- ASME B31.1 | B31.3
- SGS ISO 9001: 2008
- NPT ASME "NPT" Stamp (In Progress)



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