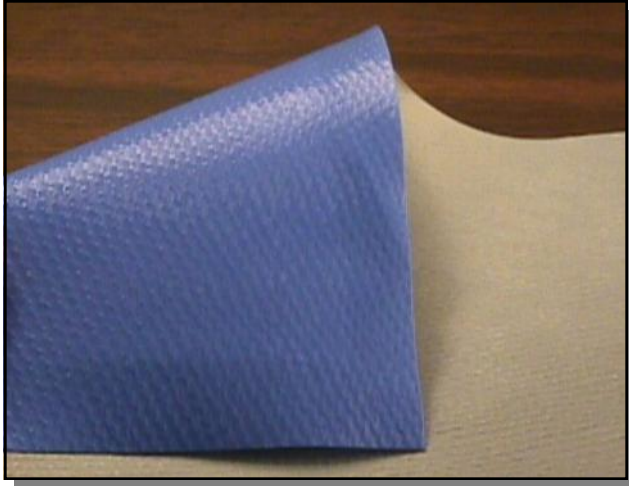




# TANK SEALING MATERIALS

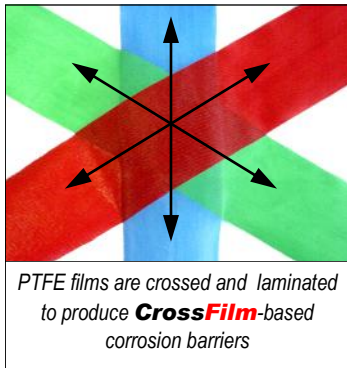
## LAMINATED PTFE MATERIALS ENGINEERED FOR TANK SEALING SERVICE

200 Bouchard Street Manchester, NH 03103 PHONE (603) 296-2221 FAX (603) 296-2248 [www.textilecoated.com](http://www.textilecoated.com)



***LFP™ 2112 CrossFilm™ Description:*** This 100% PTFE material is engineered for wet and dry service in above ground storage tanks.

- ⇒ Flexible, tear resistant, 100% PTFE material.
- ⇒ Proven to be unaffected by complete immersion in wet, chemical environments since its invention in 1993.
- ⇒ Color, thickness, conductivity, and width variations are available upon request.
- ⇒ Winner of a 1995 Dupont Plunkett Award and Chemical Processing Vaaler Award.



***LFP™ CrossFilm™ Technology:*** Breakthrough technology now permits all -PTFE materials to be used in tank sealing service without the fear of stress cracking or tearing. As witnessed by the chart, ***LFP™ CrossFilm™*** is a different perfluoroplastic altogether. Ensure material performance by using thick ***LFP™ CrossFilm™*** Technology and see why one judge for Chemical Processing's Vaaler Award concluded, "This is the first major improvement in the fluoroplastic industry since its introduction some 40-odd years ago."

Thickness (mils)	LFP 2100 Trapezoidal Tear Strength (lbs)	Typical Perfluoroplastic Materials Trapezoidal Tear Strength (lbs)
20	~100	~20
40	~150	~30
60	~200	~40

The graph shows that LFP 2100 materials have a significantly higher tear strength per unit thickness compared to typical perfluoroplastic materials. For example, at 20 mils thickness, LFP 2100 has a tear strength of approximately 100 lbs, while typical materials have only about 20 lbs.

### ***LFP™ 2112 CrossFilm™ Properties:***

<b><i>Upper Use Temperature:</i></b>	600°F (316°C)
<b><i>Weight:</i></b>	18 oz/yd <sup>2</sup> (610.5 g/m <sup>2</sup> )
<b><i>Thickness:</i></b>	0.012" (0.30 mm)
<b><i>Width:</i></b>	60" (1524 mm) Typical; Cut-To-Size Widths Available
<b><i>Tensile strength:</i></b>	40 lbs/in (357.5 N/50 mm)
<b><i>Tear strength:</i></b>	35 lbs (158.8 N)

***LFP™ CrossFilm™*** is a trademark of **TEXTILES COATED INCORPORATED**. Patents worldwide.

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