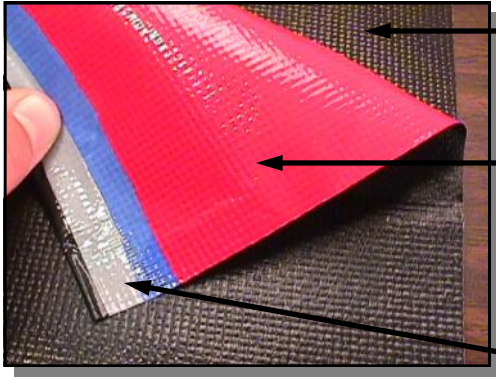




## TEX-LFP™ 14-12 **CrossFilm™** EXPANSION JOINT MATERIALS

**LFP™ CORROSION LINER LAMINATED TO A PTFE/FIBERGLASS COMPOSITE ENGINEERED FOR WET AND CORROSIVE EXPOSURE**

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



**TEXCOAT™ 1400** : PTFE/Fiberglass composite with success in expansion joint service since 1987.

**LFP™ 2112 CrossFilm™** Corrosion Liner

**Physical Properties:**

Weight: 18 oz/yd<sup>2</sup> (610 g/m<sup>2</sup>)  
Thickness: 0.012" (0.30 mm)  
Tensile Strength: 40 lb/in (357.5 N/50 mm)  
Tear Strength: 35 lb (158.8 N)



\* Cross-section picture.  
\*\* Different colored plies are used with the **TEX-LFP™ 14-12** Expansion Joint material for clarity in the photo.

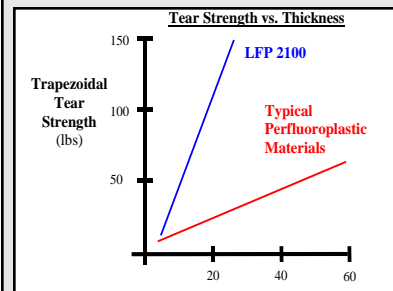
Each film ply in this picture has been given a different color to emphasize the multi-directional layering of the **CrossFilm™**.

### **TEX-LFP™ 14-12 CrossFilm™**

#### **Description:**

An award-winning 0.012" (0.30 mm) **LFP™ CrossFilm™** is laminated to a **TEXCOAT™ 1400** Load Bearing Component. The **LFP™ CrossFilm™** is a 100% PTFE material that 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 **LFP™ CrossFilm™** allows it to function as a thick PTFE barrier for corrosive chemicals while maintaining a crack-free and flexible surface. The pictures above show the two components not laminated for half the sample. The toughness of the **LFP™ CrossFilm™** is proven by the successful performance of the material in many industrial applications as a "stand-alone" product.

**CrossFilm™ 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. As witnessed by the chart,



**LFP™ CrossFilm™** is a different perfluoroplastic altogether. Ensure safety 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."

### **TEX-LFP™ 14-12 CrossFilm™ Properties:**

<b>Materials of Construction:</b>	Woven Fiberglass; Fluoropolymer Resins
<b>Upper Use Temperature:</b>	600°F (316°C) Continuous
<b>Chemical Resistance:</b>	Excellent
<b>Weight:</b>	66 oz/yd <sup>2</sup> (2238 g/m <sup>2</sup> )
<b>Thickness:</b>	0.052" (1.3 mm)
<b>Width:</b>	56" (1422 mm) to 59" (1498 mm); Special Widths Available
<b>Tensile Strength:</b>	Warp- 1200 lbs/in (10724 N/50 mm) Fill- 1200 lbs/in (10724 N/50 mm)

**LFP**, **TEX-LFP**, **CrossFilm**, and **TEXCOAT** are trademarks of **TEXTILES COATED INCORPORATED**.

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