



## LFP™ CrossFilm™ EXPANSION JOINT MATERIALS

100% PTFE CORROSION LINERS ENGINEERED FOR CORROSIVE CONDITIONS

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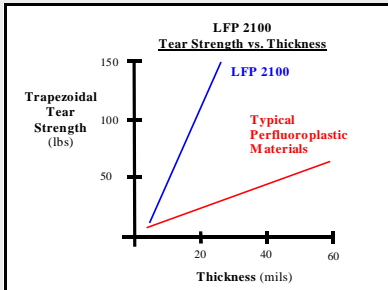


### LFP™ 2120 CrossFilm™ Description:

This 100% PTFE expansion joint material is designed for the most challenging applications in industry. LFP™ 2120 CrossFilm™ is a flexible, 0.020" (0.51 mm) thick, PTFE product. Because of its unique multidirectional strength and stress crack resistance, LFP™ 2120 CrossFilm™ is a self supporting material. No reinforcements, which are susceptible to chemical attack, are needed. LFP™ CrossFilm™ corrosion liners also have tremendous flexing capability, easily outlasting fiberglass reinforced materials and other PTFE products in flexing tests. LFP™ CrossFilm™ corrosion liners can be fabricated or molded into all shapes and sizes.

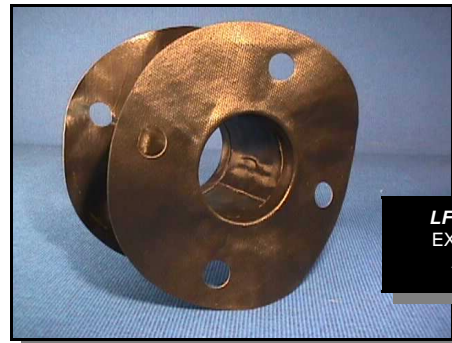
Since its introduction in 1993, LFP™ CrossFilm™ corrosion liners have replaced many fiberglass-reinforced expansion joint materials in very corrosive applications. LFP™ CrossFilm™ has always retained 100% of its physical properties. This even includes those applications in which the conventional expansion joint materials have lasted only a few months.

**LFP™ 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. It is easy to 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."

Ensure Safety! Use thick LFP™ CrossFilm™ technology.



LFP™ CrossFilm™ EXPANSION JOINT APPLICATION

### AWARDS

LFP™ CrossFilm™ is the winner of the 1995 Dupont Plunkett Award and Chemical Processing's Vaaler Award. Also, LFP™ CrossFilm™ has been specified by the U.S. Navy as a flexible chemical liner in the next generation of nuclear submarines.

## LFP™ 2120 CrossFilm™ Properties:

- Upper Use Temperature:** 600°F (316°C) Continuous Service
- Weight:** 29 oz/yd<sup>2</sup> (984 g/m<sup>2</sup>)
- Thickness:** 0.020" (0.51 mm)
- Width:** 40" (1016 mm) Typical; Special Widths Available
- Tensile Strength:** 87 lbs/in (778 N/50 mm)
- Tear Strength:** 65 lbs (295 N)

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