



# CrossFilm™ 2160 Expansion Joint Material

## 100% PTFE PRODUCT ENGINEERED FOR CORROSIVE CONDITIONS

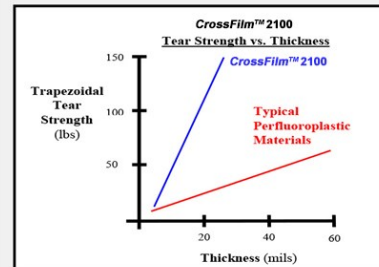
### **CrossFilm™ 2160 Expansion Joint Material:**

CrossFilm™ 2160 is a 100% PTFE laminate engineered for challenging chemical/thermal expansion joint applications. Since the material consists solely of PTFE resins, it is guaranteed to be corrosion-free. Unique multidirectional strength and stress crack resistance allow this flexible PTFE product to perform without the need for a fiberglass reinforcement, which is susceptible to chemical attack and fatigue failure.

When the concern for corrosion is eliminated in an expansion joint material, a key benefit is that the material's performance becomes more reliable and predictable. Costly and unplanned downtime from joint failure is minimized. CrossFilm™ 2160 has shown to be extremely durable, easily outlasting competitive PTFE composite products. The product can be fabricated or molded into many shapes and sizes. CrossFilm™ 2160 is available in numerous colors, as well as a conductive/anti-static condition.



**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, 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."



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## CROSSFILM™ 2160 PROPERTIES

<b>Upper Use Temperature:</b>	600°F (316°C) Continuous Service
<b>Overall Weight:</b>	90 oz/yd <sup>2</sup> (3052 g/m <sup>2</sup> )
<b>Thickness:</b>	0.060 inches (1.52 mm)
<b>Width:</b>	24 inches (600 mm); Special widths available
<b>Tensile Strength:</b>	190 lbs/inch (1664 N/50 mm)
<b>Tear Strength:</b>	152 lbs (676 N)

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