



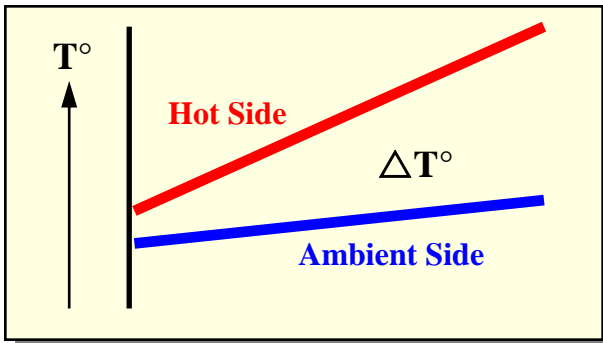
**THERMALAM™ EXPANSION JOINT MATERIALS**  
**INSULATION COMPONENT LAMINATED TO A PTFE/FIBERGLASS**  
**COMPOSITE ENGINEERED FOR SEVERE TEMPERATURE**  
**EXPOSURE**

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



**THERMALAM™ 100/1406 Description:**

This product is a high temperature expansion joint material designed for applications requiring a rugged woven insulation component with an upper use continuous operating temperature of 850°F (454°C). A 3/8", woven fiberglass is laminated to **TEXFILM™ 1406**. The laminated insulation component acquires strength and resiliency from the load bearing perfluoroplastic composite. The added integrity extends the life of the insulation and helps to prevent "hot spots" from forming on the belt. Installation also becomes easier with a laminated insulation component. This product can be fabricated into numerous expansion joint shapes and sizes.



*This plot shows the capability of **THERMALAM™ 100/1406** resting on a hot plate in an ambient temperature environment.*



**THERMALAM™ 100/1406 Properties:**

<b>Upper Use Temperature:</b>	850°F (454°C) Continuous Service
<b>Chemical Resistance:</b>	Excellent
<b>Weight:</b>	155 oz/yd <sup>2</sup> (5270 g/m <sup>2</sup> )
<b>Thickness:</b>	0.345" (8.76 mm)
<b>Width:</b>	60" (1524 mm); Special widths available
<b>Tensile Strength (Warp):</b>	1200 lbs/in (10724 N/50mm)
<b>Tensile Strength (Fill):</b>	1200 lbs/in (10724 N/50mm)

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