



# THERMALAM™ 50/1406 Expansion Joint Material

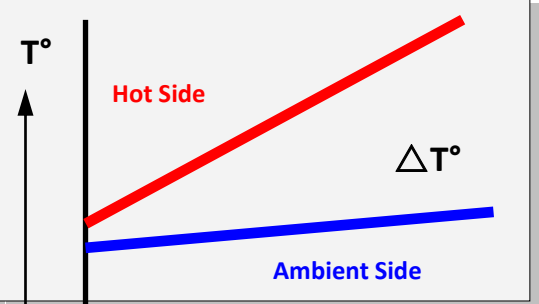
SINGLE MEMBRANE PTFE/FIBERGLASS LAMINATED COMPOSITE ENGINEERED FOR HIGH TEMPERATURE FLUE GAS SERVICE

## **THERMALAM™ 50/1406 Description:**

This product is a high temperature expansion joint material designed for applications requiring an upper use continuous temperature of 1000°F (538°C). A ½", nonwoven insulation mat 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 50/1406 resting on a hot plate in an ambient temperature environment.*



## **THERMALAM™ 50/1406 PROPERTIES**

<b>Upper Use Temperature:</b>	1000°F (538°C) Continuous Service
<b>Weight:</b>	121 oz/yd <sup>2</sup> (4104 g/m <sup>2</sup> )
<b>Thickness:</b>	0.540" (13.7 mm)
<b>Width:</b>	60" (1524 mm); Special widths available
<b>Tensile Strength (Warp):</b>	1200 lbs/in (10724 N/50 mm)
<b>Tensile Strength (Fill):</b>	1200 lbs/in (10724 N/50 mm)

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