

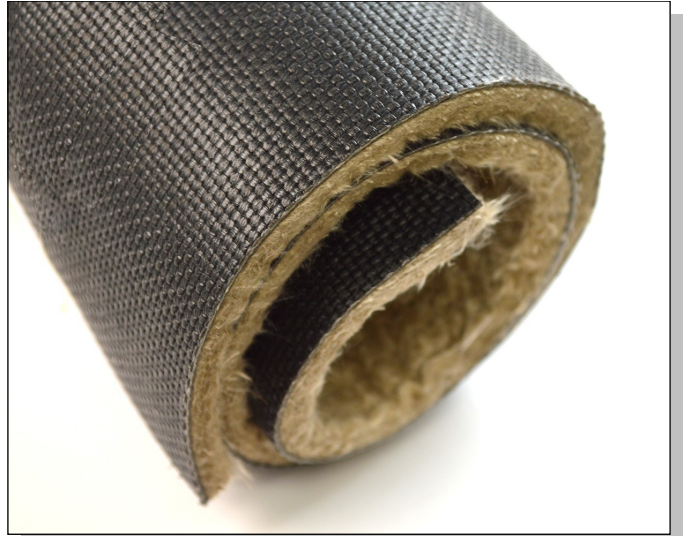


THERMALAM™ 50/1406 Expansion Joint Material

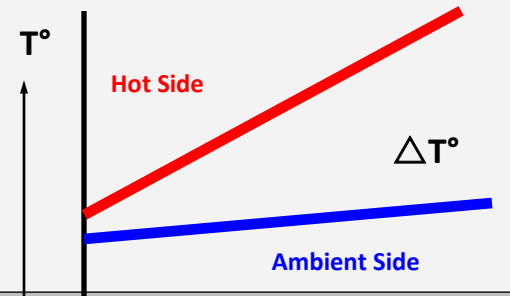
SINGLE MEMBRANE PTFE/FIBERGLASS LAMINATED COMPOSITE ENGINEERED FOR HIGH-TEMPERATURE FLUE GAS SERVICE

THERMALAM™ 50/1406 Expansion Joint Material:

This product is a high temperature expansion joint material designed for applications requiring an upper use continuous temperature of 1000°F (538°C). A 1/2", nonwoven insulation mat is laminated to TEXTFILM™ 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 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 a room temperature environment.



THERMALAM™ 50/1406 PROPERTIES

Upper Use Temperature:	1000°F (538°C) Continuous Service
Weight:	121 oz/yd ² (4104 g/m ²)
Thickness:	1/2" (12 mm) nominal
Width:	60" (1524 mm); Special widths available
Tensile Strength (Warp):	1200 lbs/in (10724 N/50 mm)
Tensile Strength (Fill):	1200 lbs/in (10724 N/50 mm)

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