FIBERFLON®

PRODUCT SPECIFICATION

FIBERLAM 2001 GM

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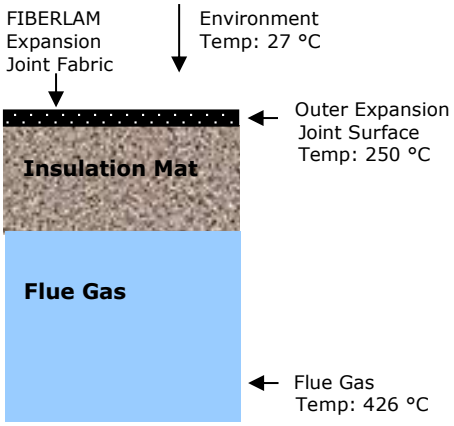
INSULATION MAT

High temperature expansion joint material for applications up to 550°C / 1022°F. Fiberglass insulation mat laminated to the hot side of the expansion joint composite increases the continuous service temperature of the product extremely. Below drawing shows how insulation mat protects the expansion joint fabric from much of the heat in the flue gas flow. In this example, PTFE glass fabric application temperature is 250°C / 482°F when exposed to a flue gas at 426°C / 799°F and an 27°C / 81°F environment temperature. Careful attention must be paid to protection of the expansion joint fabric in the clamping area and to the prevention of flue gas condensation in the insulation or on the fabric.

Product	Product category	Lamination
PTFE GLASS FLEXIBLE COMPOSITE WITH FIBERGLASS INSULATION MAT	FIBERLAM SERIES	PTFE CAST FILM / INSULATION MAT



Properties	Metric		Imperial	
Standard width	1.500	mm	59.1	inches
Nominal thickness	12	mm	0.4724	inches
Weight	4.000	gr/m²	117.97	oz/sq yd
Tensile strength	11.000	N/5 cm	1256	Ibs/inches
Temperature resistance	+550	°C	+1022	°F

This product has been manufactured in a facility certified by ISO 9001 Quality Management System.

Note: Nominal thickness, weight and tensile strength values are typical and are not intended as a specification minimum.
Nominal thickness tolerance: ±0,03 mm - Weight tolerance g/m² = ±%5 - Tensile strength tolerance -%10
All technical data are based on average values. These values are not intended for use in preparing specifications. Technical information contained herein are based on test results FIBERFLON believes to be reliable, but they are not to be construed in any manner as warranties expressed.
All data is subject to change without notice.