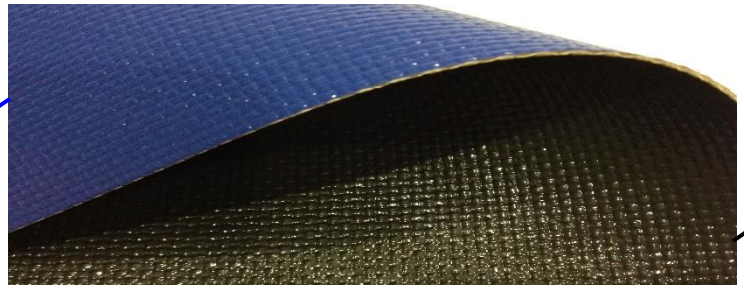
FIBERFLON®

PRODUCT SPECIFICATION

FIBERLAM 20M1



Product	Product category	Lamination
FABRIC EXPANSION JOINT MATERIAL	FIBERLAM SERIES	BOTH SIDE PTFE FILM

Properties	Metric		Imperial	
Standard width(s) *Please ask for other widths*	1.600	mm	63	inches
Nominal thickness	1,20	mm	0.0472	inches
Weight	1.875	gr/m²	55.30	oz/sq yd
PTFE content	42	%	42	%
Tear strength - diagonal	2.100	N	472	Ibs
Tear strength - warp x weft	1.200 x 1.200	N	270 x 270	Ibs
Tensile strength - warp x weft	11.000 x 10.000	N/5 cm	1256 x 1142	Ibs/inches
Temperature resistance	-150 to +316	°C	-238 to +600	°F

Fiberlam fabric expansion joint laminates
High quality woven fiberglass fabrics coated with a specially formulated fluoropolymer coating designed to provide enhanced flex properties and excellent high temperature performance, and then laminated with PTFE (Teflon) multilayer films to provide superior gas barrier properties.
Laminated barrier PTFE films reduce permeation of potentially damaging flue gases.

Permeation resistance
0.0 µg/cm2/minute - The FIBERLAM composite was investigated for permeation by an independent laboratory. Sulfuric acid 2N at 5 psig was used as the test medium. The FIBERLAM composite exhibited zero breakthrough and/or permeation. Test reports available upon request.

The product does not contain banned substances as described in RoHS directive and will not affect RoHS compliance.

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: ±0,1 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.