

ENVIRONMENTAL COMPOSITES

# FLUEFLEX 850 BF

**FLUEFLEX 850 BF** is a Versiv material based on a high strength woven fibreglass substrate with excellent mechanical strength and flexibility that is coated with a matrix of fluoropolymer resins and then laminated on one side with a multi-layer cast PTFE film for extra chemical and permeation resistance.

**TYPICAL PROPERTIES**

PROPERTY	METRIC		IMPERIAL		TEST METHOD
Standard Widths	1700	mm	66.9	in	-
Weight	1370	g/m <sup>2</sup>	40.4	oz/yd <sup>2</sup>	FTMS 191A-5041
Thickness	1.000	mm	39.4	mil	FTMS 191A-5030
Tensile Strength	840 x 700	N/cm	480 x 400	lb/in	FTMS 191A-5102
Trap Tear Strength	180 x 320	N	40.5 x 71.9	lb	FTMS 191A-5136
Temperature Resistance	-150 to +260	°C	-240 to +500	°F	-
PTFE Content	55 %				-

**FEATURES AND BENEFITS**

- Thermally stable from -150 to +300 °C
- Outstanding mechanical strength
- Zero porosity

This material is specifically designed for use in wet and dry flue gas conditions in flexible expansion joints.

**CONTACT US**

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IMPORTANT: Pictures shown are for illustration purpose only. The values presented are typical values and should not be used for specification purposes. Contact your representative for more information. It is the user's responsibility to ensure the suitability and safety of Versiv Composites products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Versiv Composites Limited assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication, or application of the products into which the materials are incorporated by purchaser and/or user.

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