



PTFE CAST FILMS

VERSIV VB

VERSIV VB is a ultra-high temperature, highly conformable, and chemically inert vacuum bagging film. It is the most conformable film for complex contours at elevated temperatures due to its higher elongation.

TYPICAL PROPERTIES

PROPERTY	METRIC	IMPERIAL	TEST METHOD
Standard Width	1270 mm	50 in	-
Thickness	0.075 mm	3 mil	FTMS 191A-5030
Elastic Modulus	379 MPa	55,000 psi	ASTM D-882
Yield Stress	11 MPa	1,600 psi	ASTM D-882
Yield Strain	17.2 kPa	2.5 psi	ASTM D-1004
Elongation	400 %		ASTM D-882
Maximum Continuous Service Temperature	260 °C	500 °F	-
Coefficient of Linear Thermal Exp.	5.5 x 10 ⁻⁵ in./in. °F		ASTM D-696

FEATURES AND BENEFITS

- Successfully used up to 315°C (600°F)
NOTE: Adequate ventilation should be provided at temperatures above 280°C / 535°F
- Chemically inert
- Natural color
- Inherent unmatched drapability
- Receptive to adhesives and sealant tapes
- Free of pinholes
- Storable for indefinite time without special storage conditions

CONTACT US

☎ +353 65 90 80 170

✉ contact@versivcomposites.com

Versiv Composites Limited

Kilrush, Co. Clare, V15 NW27, Ireland

www.versivcomposites.com

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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