versiv
FILMS

PTFE CAST FILMS

TYPE C

TYPE C is a series of ultra thin, isotropic, multilayer cast PTFE films produced using a proprietary process.

Versiv PTFE cast films are made up of very thin layers which have been individually deposited, sintered and fused together to produce a material with more uniform properties than what can be achieved by any other manufacturing process.

TYPICAL PROPERTIES

PROPERTY	METRIC		IMPERIAL		TEST METHOD
Maximum Width	1170	mm	46	in	-
Thickness Available	0.009 to 0.018	mm	0.375 to 0.75	mil	FTMS 191A-5030
Tensile Strength	29.6	MPa	4,300	psi	ASTM D-882
Elastic Modulus	413	MPa	60,000	psi	ASTM D-882
Elongation	400 %				ASTM D-882
Power Dissipation	< 0.0001				ASTM D-150
Dielectric Strength	4200 volts/mil				ASTM D-257
Surface Arc Resistivity	Does not arc				ASTM D-495

FEATURES AND BENEFITS

- Ultra thin gauge PTFE
- Multilayer construction reduces pinhole risk
- Uniform tensile properties in machine and traverse direction
- Isotropic properties
- Superior performance in a wide range of chemical thermal, and electrical environments
- Colors and customisation available on request

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.

WARRANTY: We warranty specifications at delivery and honour claims for such breach of warranty for six (6) months after delivery. The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential arising out of the use, misuse or inability to use this product(s). VERSIV COMPOSITES LIMITED DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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