



PTFE-COATED FABRIC ADHESIVE TAPES

CLPSA 4 S

CLPSA 4 S is a flexible, non-porous laminated composite that combines the features of multi-layer fluoropolymer cast films with the mechanical properties of fibreglass reinforced fabrics. It incorporates these features with a high performance, silicone pressure-sensitive adhesive system for use in many demanding high temperature or chemically aggressive environments.

This product is used as the ultimate self-adhesive, PTFE release surface in composite moulding and in many industrial applications.

TYPICAL PROPERTIES

PROPERTY	METRIC		IMPERIAL		TEST METHOD
Standard Widths	1010	mm	39.8	in	-
Base PTFE Fabric Weight	210	g/m ²	6.2	oz/yd ²	FTMS 191A-5041
Base Thickness	0.110	mm	4.3	mil	FTMS 191A-5030
Adhesive Thickness	0.045	mm	1.8	mil	FTMS 191A-5030
Tensile Strength	150 x 120	N/cm	85 x 70	lb/in	FTMS 191A-5102
180° Peel Adhesion Strength	4.7	N/cm	3	lb/in	ASTM D3330-83
Temperature Resistance	-73 to +260	°C	-99 to +500	°F	-
PTFE Content	77 %				-
Adhesive Type	Silicone				-

FEATURES AND BENEFITS

- Thermally stable from -73 to +260 °C
- Excellent release properties
- Resistant to tears, punctures and abrasion
- Excellent non-stick performance

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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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