

SP590HT-DC2

POLYSIL DOUBLE COATED SILICONE ADHESIVE TAPE

PRODUCT DESCRIPTION

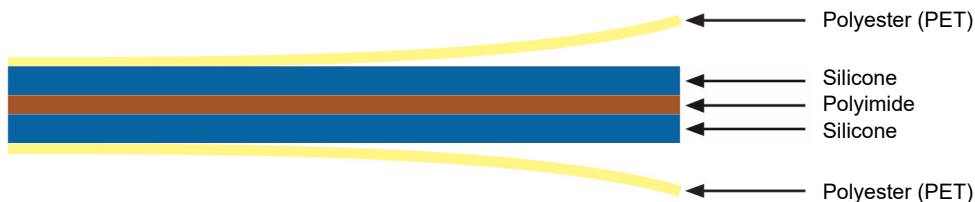
Double Coated Tape with Two Liners

PolySil™ SP590HT-DC2 offers optimum performance in electrical and thermal insulation. Continuous service temperature range is -100°F to 500°F (-73°C to 260°C) with short term, intermittent service to 600°F (315°C). SP590HT-DC2 high tack adhesive is excellent for quick and secure attachment and provides clean removal in high temperature masking applications. The product is supplied with two fluorosilicone coated release liners.

FEATURES & BENEFITS

- High temperature resistance
- High tack provides quick, secure attachment
- Clean removal
- Strong adhesion to silicone based materials
- Meets ASTM D5213 type 1 item A

PRODUCT CONSTRUCTION



PRODUCT SPECIFICATIONS

Test	Typical Value		Typical Value (Metric)		Test Method
Product Thickness (Total)	5.00	mils	0.127	mm	PSTC-133
Adhesive Thickness (Liner Side)	2.00	mils	0.051	mm	PSTC-133
Carrier Thickness	1.00	mils	0.025	mm	PSTC-133
Adhesive Thickness (Exposed Side)	2.00	mils	0.051	mm	PSTC-133
Peel Adhesion	45	oz/in	12.50	N/25mm	PSTC-101
Tack	43	oz	1219	g	ASTM D 2979
Shear Adhesion	168	hrs @ 2.2 psi	168	hrs @15.2 kPa	PSTC-107
Tensile Strength	24	lb/in	105	N/25mm	PSTC-131
Elongation	60	%	60	%	
Minimum Service Temperature	-100	°F	-73	°C	
Maximum Service Temperature	500	°F	260	°C	

Tested values are typical under standard conditions and are not intended to be used for specification development. Technical data is believed to be true and accurate; Adhesive Applications recommends that the purchaser test for performance and fitness of use in all applications.

Adhesive Applications - The Adhesive Solutions Company

41 O'Neill Street
Easthampton, MA 01027

413-527-7120 Main
800-356-3572 Toll Free U.S.

www.adhesiveapps.com

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