



S590HT-DC2

POLYSIL DOUBLE COATED LINERED SILICONE ADHESIVE TAPE

PRODUCT DESCRIPTION

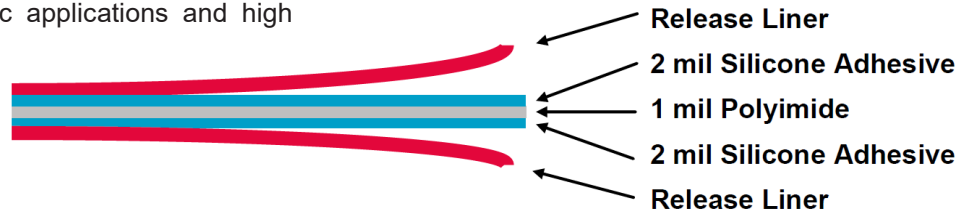
Double Coated Tape with Two Liners

PolySil™ SP590HT-DC2 offers optimum performance in electrical and thermal insulation with a continuous service temperature range of -100oF to 500oF (-73oC to 260oC) with short term, intermittent service to 600oF (315oC). The high tack adhesive is excellent for quick and secure attachment.

Typical applications: electronic applications and high temp splicing and

FEATURES & BENEFITS

- 500F continuous service temperature, with 600F short term intermittent service temperature
- 1mil Polyimide carrier, 2mils silicone adhesive each side
- 40oz/in peel adhesion



PRODUCT SAMPLES



PRICING

PRODUCT SPECIFICATIONS

PROPERTIES					
TEST	METHOD	TYPICAL VALUE IMPERIAL	UNITS	TYPICAL VALUE METRIC	UNITS
Peel Adhesion	PSTC-101	40	oz/in	0.436	N/mm
Shear Adhesion	PSTC-107	>20160	Minutes @ 2.2 psi	>20160	Minutes @ 15.2 kPa
Tack	ASTM D2979	43	oz	1220	gram
Minimum Application Temperature		-100	°F	-73	°C
Maximum Continuous Use Temperature		500	°F	260	°C

For maximum adhesion, bonding surfaces should be clean, dry, and free from grease and oils. The firmer the application pressure and the greater the contact area, the stronger the bond. Bond strengths will increase as a function of time as the adhesive continues to wet out the bonding surfaces.

