



Product Data Sheet

S8512-2 | POLYSIL GREEN SILICONE ADHESIVE TAPE

PolySil™ S8512-2 is a green high tack polyester (PET) tape with controlled adhesion and good conformability. The controlled level of crosslinking assures a proper balance of adhesion to substrates and chemical and temperature resistance.

Typical applications: Powder coating, high temperature masking and splicing – silicone coated papers, films and textiles

CONSTRUCTION DIAGRAM



FEATURES & BENEFITS

- Fine line definition
- Clean removal / no adhesive residue
- Chemical and abrasion resistant
- Good conformability

PROPERTIES

TEST	METHOD	TYPICAL VALUE IMPERIAL	UNITS	TYPICAL VALUE METRIC	UNITS
Peel Adhesion	PSTC-101	35	oz/in	0.3815	N/mm
Shear Adhesion	PSTC-107	>20160	Minutes @ 2.2 psi	>20160	Minutes @ 15.2 kPa
Tack	ASTM D2979	48	oz	1376	gram
Minimum Application Temperature		-60	°F	-51	°C
Maximum Continuous Use Temperature		350	°F	177	°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.

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