

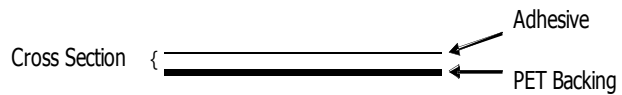
NT 583 | POLYSIL WHITE SILICONE ADHESIVE PLATERS TAPE | FILM TAPE

PolySil™ NT 583 is a white opaque polyester film tape with a blended silicone adhesive, specifically compounded to resist plating bath chemicals in solder stripping and precious metal plating of finger contacts. The tape conforms to high circuit density patterns to provide clean line definition and resist undercutting. The tape can be removed without leaving adhesive residue, thereby eliminating the need for subsequent solvent scrubbing.

FEATURES & BENEFITS

- **Excellent chemical resistance**
- **Fine line definition**
- **Clean removal / No adhesive residue**
- **Good conformability**

CONSTRUCTION DIAGRAM



TYPICAL APPLICATIONS

- Masking of printed circuit board during plating
- Precious metal plating
- Electrical insulation
- Splicing – silicone coated papers, films, textiles

CONSTRUCTION

1 mil PET backing
3 mil blended silicone adhesive
Self wound
White

PERFORMANCE

Breaking Strength: lbs./inch (kg/cm)	35 (6.3)
Elongation:	130 %
Adhesion to steel: oz./inch (kg/cm)	24 (.30)
Dielectric Strength:	5,400 Volts
Temperature Range:	-60°F to 350°F (-51°C to 177°C)

Conformance to circuit board requires application of firm pressure with rubber covered rollers by hand or machine. A heat assist may be employed in laminating. Components requiring critical alignment can be machine laminated after hand alignment.

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