

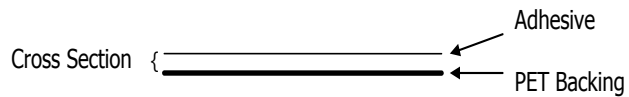
**NT 583 | WHITE SILICONE ADHESIVE PLATERS TAPE | FILM TAPE**

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**

<b>1 mil PET backing</b>
<b>3 mil blended silicone adhesive</b>
<b>Self wound</b>
<b>White</b>

**PERFORMANCE**

<b>Breaking Strength: lbs./inch (kg/cm)</b>	35 (6.3)
<b>Elongation:</b>	130 %
<b>Adhesion to steel: oz./inch (kg/cm)</b>	24 (.30)
<b>Dielectric Strength:</b>	5,400 Volts
<b>Temperature Range:</b>	-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.

**IMPORTANT NOTICE TO PURCHASER:** All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, expressed or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss, or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his or her intended use, and the user assumes all risk and liability whatsoever in connection therewith. No representative of ours has authority to waive or change the foregoing provisions, but, subject to such provisions, our engineers are available to assist purchasers in adapting our products to the needs and circumstances prevailing in their business. **ISO 9001 Registered Company.**