

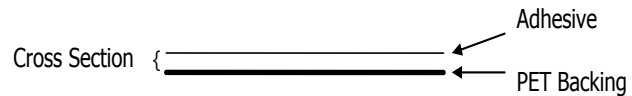
NT 581 | BLUE SILICONE ADHESIVE PLATERS TAPE | FILM TAPE

NT 581 is a blue polyester tape with controlled adhesion and good conformability. The controlled level of cross-linking assures a proper balance of adhesion to substrates and chemical resistance. Protection of printed circuit boards during plating process. Electrical insulation and splicing of silicone release coated papers and textiles.

FEATURES & BENEFITS

- Fume mask protection during plating
- Fine line definition
- Clean removal / No adhesive residue
- Chemical and Abrasion resistant
- Good conformability

CONSTRUCTION DIAGRAM



TYPICAL APPLICATIONS

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

CONSTRUCTION

| |
|---|
| 1 mil PET backing |
| 1 mil cross-linked silicone adhesive |
| Self wound |
| Blue |
| |

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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