

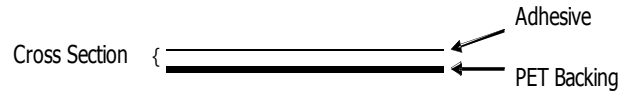
NT 582 | POLYSIL BLUE SILICONE ADHESIVE PLATERS TAPE | FILM TAPE

PolySil™ NT 582 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
2 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)	25 (.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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