

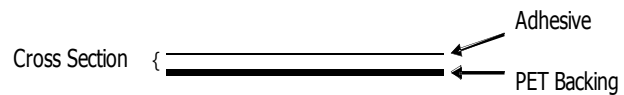
## NT 580 | POLYSIL RED SILICONE ADHESIVE PLATERS TAPE | FILM TAPE

**PolySil™ NT 580 is a red silicone polyester tape with controlled adhesion and good conformability for sharp line definition in etching and plating operations. The controlled level of cross-linking assures a proper balance of adhesion to substrates, chemical resistance and clean removal with no residue. The tape is unique in that the adhesive system is translucent on the polyester and allows the operator to make precision**

### FEATURES & BENEFITS

- Fine line definition
- Clean removal / No adhesive residue
- Chemical and Abrasion resistant
- Good conformability

### CONSTRUCTION DIAGRAM



### TYPICAL APPLICATIONS

- Solder Strip bath
- Precious metal plating
- Electrical insulations
- Splicing – silicone coated paper, films, textiles

### CONSTRUCTION

1 mil PET backing
3 mil cross-linked silicone adhesive
Self wound
Red

### PERFORMANCE

<b>Breaking Strength:</b> lbs./inch (kg/cm)	35 (6.3)
<b>Elongation:</b>	130 %
<b>Adhesion to steel:</b> oz./inch (kg/cm)	35 (.40)
<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.

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