

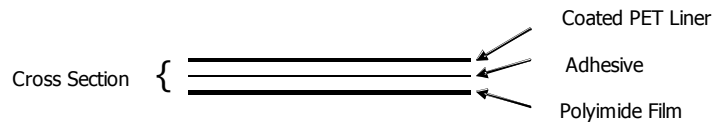
NT 590DL | POLYSIL LINERED POLYIMIDE SILICONE ADHESIVE TAPE | FILM TAPE

PolySil™ NT 590-DL is a lined polyimide film tape coated with a high temperature silicone adhesive. The highly cross-linked adhesive is well anchored to the polyimide film to eliminate legging and provide clean removal in high temperature masking applications. Designed for precision die cutting/masking applications where temperature resistance is a critical requirement. Silicone adhesive is formulated to provide secure protection for powder coating, anodizing, wave soldering and plating applications. Die cut discs/shapes are easy to apply and remove from the release liner.

FEATURES & BENEFITS

- High Temperature resistant
- Clean removal / No adhesive residue
- Chemical and Abrasion resistant
- Good conformability

CONSTRUCTION DIAGRAM



TYPICAL APPLICATIONS

- Die cutting
- Powder coating
- Wave soldering
- High Temperature Masking

CONSTRUCTION

1 mil polyimide backing
1.5 mil cross-linked silicone adhesive
2 mil fluorosilicone coated PET liner
Amber (polyimide film color)

PERFORMANCE

Breaking Strength: lbs./inch (kg/cm)	30 (5.4)
Elongation:	60 %
Adhesion to steel: oz./inch (kg/cm)	26 (.30)
Dielectric Strength:	7,500 Volts
Insulation Class:	356°F (180°C)

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