

# Technical data sheet



Product: NT-590-LC

Manufacturer: TMG SOLUTIONS

Product group: KLEBEBAND

Article group: EINSEITIG

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## NT-590 LC POLYIMIDE TAPE

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## NT-590-LC

POLYIMIDE / SILICONE HIGH ELECTRICAL TAPE

SINGLE COATED TAPE

NT-590-LC offers optimum performance in electrical and thermal insulation with a continuous service temperature range of -73° to 260° with short term, intermittent service up to 315°. Clean removal on high temperature masking applications.

### FEATURES & BENEFITS

- High temperature resistance
- Clean removal / No adhesive residue
- Chemical and abrasion resistance
- Good conformability

### PRODUCT CONFIGURATION

- 25,4  $\mu$  Polyimide Film
- 38,1  $\mu$  Silicone Adhesive
- Amber color

### PERFORMANCE

Breaking Strength:	53 N/cm
Elongation:	60%
Adhesion to steel (N/cm):	2,9 N/cm
Dielectric Strength:	7.500 Volts
Temperature Range:	-73° to 260° C (up to 315° short time)

### TYPICAL APPLICATIONS

- Flame resistant electrical insulation
- Wire / cable wrapping
- Wire Bundle Termination
- Splicing of high temperature reflective thermal insulating film
- Solder mask for circuit boards
- Release surface for heated platens in heat sealing/lamination

### CONSTRUCTION DIAGRAM

