

# Technical data sheet



Product: NT-590-LC

Manufacturer: TMG SOLUTIONS

Product group: KLEBEBAND

Article group: EINSEITIG

Download: 17.03.2026

## NT-590 LC POLYIMIDE TAPE

This data sheet was provided to you by Tewipack Uhl GmbH. The company tewipack Uhl GmbH assumes no responsibility for the topicality and the Accuracy of the information contained. The properties of the products can vary due to various influences such as composition and condition of the Substrate, impurities in or on the substrate, temperature and humidity at the Change storage and environmental conditions during use. Using this product in combination with other material, the customer is responsible for to check through our own tests whether the product is suitable for the planned combination and whether this combination delivers the expected results

Tewipack Uhl GmbH  
Industriestraße 15  
D-75382 Althengstett

Telephone:  
+49(0)7051/9297-0  
Fax:  
+49(0)7051/9297-99

E-Mail:  
info@tewipack.de  
Website:  
www.tewipack.de

Managing director:  
Alexander Uhl,  
Michael Uhl  
HRB 330424  
Amtsgericht  
Stuttgart

Bank details:  
Sparkasse  
Sindelfingen  
Pforzheim  
Calw  
BLZ 666 500  
85  
Konto 17 787

Commerzbank  
Sindelfingen  
BLZ 603 400 71  
Konto 8 001 166

Vereinigte  
Volksbank AG  
Böblingen  
BLZ 603 900 00  
Konto 80 089  
003

Postbank  
Stuttgart  
BLZ 600 100  
70  
Konto 146  
294 708

**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 μ Polyimide Film
- 38,1 μ 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**

