

# NT-790

POLYIMIDE SILICONE HIGH ELECTRICAL TAPE

SINGLE COATED TAPE

NT-790 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
- Insulation class UL 510 (H / 200 °C)

## PRODUCT CONFIGURATION

- 25 μ - Polyimide Film
- 64 μ - Silicone Adhesive
- Amber color

## PERFORMANCE

<b>Adhesion strength: (N/cm)</b>	2,8 N/cm
<b>Elongation:</b>	70%
<b>Tensile Strength: (N/cm)</b>	45,2 N/cm
<b>Dielectric Strength:</b>	5.500 volts
<b>Temperature Range</b>	-73°C to 260°C (up to 315°C 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

