

Dielectric Polymers NT-8511-2 Masking Tape (discontinued **)

Category : Polymer , Adhesive , Tape , Thermoset , Polyester , TS , Silicone

Material Notes:

Crosslinked silicone adhesive with polyester film backing. Features: Fine line definition Clean tape removal Good conformability High temperature resistant Applications: For automotive and other masking applications. Information provided by Dielectric Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dielectric-Polymers-NT-8511-2-Masking-Tape-nbspdiscontinued-.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------|----------|----------|
| Thickness | 25.4 microns | 1.00 mil | Backing |
| | 38.1 microns | 1.50 mil | Adhesive |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|------------|----------|----------|
| Elongation at Break | 130 % | 130 % | |
| Peel Strength | 0.438 kN/m | 2.50 pli | Adhesion |
| | 6.14 kN/m | 35.0 pli | Tensile |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|-----------|-----------|--|
| Maximum Service Temperature, Air | 177 °C | 350 °F | |
| | >= 260 °C | >= 500 °F | Shear Adhesive Failure (polyester failure) |
| Minimum Service Temperature, Air | -51.1 °C | -60.0 °F | |

| Electrical Properties | Metric | English | Comments |
|-----------------------|--------|---------|---------------------|
| Dielectric Breakdown | 5400 V | 5400 V | Dielectric Strength |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Color | Green | |

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