

## Dielectric Polymers NT-5511-2 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-5511-2-Masking-Tape-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Dielectric-Polymers-NT-5511-2-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                  | Yellow |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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