

## P-905

### DOUBLE COATED SILICONE SPLICING TAPE

#### PRODUCT DESCRIPTION

This double-coated polyester silicone tape is designed for splicing of all silicone liners and papers making it ideal in the web processing industry.

#### FEATURES

- Provides great wetting and tack and also bonds quickly and permanently to silicone treated surfaces.
- This adhesive is firmly anchored to the tape backing, eliminating mass transfer upon removal.
- Silicone adhesive and PE backing provides built in high temperature, puncture and tear resistance.

#### PRODUCT CONSTRUCTION

SILICONE ADHESIVE
POLYESTER FILM
SILICONE ADHESIVE
LINER

#### APPLICATION

- Developed specifically for splicing silicone papers and/or interliners that normally defy adhesion.
- Recommended for use by paper converters and in silicone liner manufacturing operations.
- Ideal double-coated tape for a wide range of high-temperature mounting applications.

#### PROPERTIES, CERTIFICATIONS AND SPECIFICATIONS

<b>Backing Material</b>	Polyester film	
<b>Adhesive</b>	Silicone adhesive	
<b>Color</b>	Clear	
	<b>Imperial</b>	<b>Metric</b>
<b>Total Tape Thickness w/o liner</b>	3.7 mil	0.094 mm
<b>Total Tape Thickness w/liner</b>	5.7 mil	0.1448 mm
<b>Tensile Strength</b>	27 lb/in	47 N/10 mm
<b>Elongation</b>	100%	100%
<b>Adhesion to Steel</b>	40 oz/in	4.36 N/10 mm
<b>Adhesion to Liner</b>	2 oz/in	0.22 N/10 mm
<b>Adhesion to Silicone Liner</b>		
<b>Emulsion-coated</b>	20 oz/in	2.18 N/10 mm
<b>Solvent-coated</b>	15 oz/in	1.64 N/10 mm
<b>180° Shear Adhesion</b>		
<b>Emulsion-coated</b>	18 lb/in	31.5 N/10 mm
<b>Solvent-coated</b>	18.5 lb/in	32.4 N/10 mm

\*CAUTION: The above are typical values and should not be used in writing specifications. Customer is responsible to ensure product meets intended application requirements before approved for use.

RoHS Compliant.



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## GENERAL STORAGE CONDITIONS

Best stored between 50°F-80°F / 10°C-27°C, 25-50% relative humidity; out of direct sunlight.

## PRECAUTION REMINDER

Surface should be clean, free of oil, moisture and dirt before applying. Pressure-sensitive adhesive tapes may require pressure by roller, hand or press when applying. Not doing so may affect the general properties and appearance. Please inspect your surface prior to application; this tape may not adhere well to extremely uneven or distorted surfaces. Please remember to allow adequate time for full adhesive strength.

## WARRANTY INFORMATION

The following is made in lieu of all warranties, expressed or implied, including the warranty of merchantability and fitness for a particular or ordinary purpose. NITTO DENKO AMERICA warrants that its products meet the applicable specifications at the time of shipment from our warehouse and NITTO DENKO AMERICA's sole obligation shall be to replace any such quantity of the product which fails to meet NITTO DENKO AMERICA's specifications, or to issue a credit for such merchandise, for a period of six (6) months from the date of shipment.

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