

Dielectric Polymers NT-511C High Temperature Tape (discontinued **)

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

Material Notes:

Crosslinked silicone adhesive with polyester film backing. Features: Chemical resistant Temperature resistant Good conformability Applications: Splicing of silicone coated paper and film. For applications where elevated temperatures are present. Information provided by Dielectric Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dielectric-Polymers-NT-511C-High-Temperature-Tape-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Thickness	25.4 microns	1.00 mil	Backing
	25.4 microns	1.00 mil	Adhesive

Mechanical Properties	Metric	English	Comments
Elongation at Break	130 %	130 %	
Peel Strength	0.3287 kN/m	1.875 pli	Adhesion
	6.14 kN/m	35.0 pli	Tensile

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	
	>= 260 °C	>= 500 °F	Shear Adhesive Failure (polyester failure)
Minimum Service Temperature, Air	-51.1 °C	-60.0 °F	

Optical Properties	Metric	English	Comments
Transmission, Visible	80 %	80 %	Mfr. indicates clear but does not quantify

Descriptive Properties	Value	Comments
Color	Clear	

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