

Dielectric Polymers NT-1020 Silicone/Acrylic Double Coated Tape (discontinued **)

Category : Polymer , Adhesive , Tape , Thermoset , Acrylic/Cyanoacrylate Adhesive , Silicone

Material Notes:

Crosslinked silicone and acrylic adhesive with 2 mil polyester film release liner backing on the silicone side and moisture stable PE coated kraft (60#) on the acrylic side. Features: Chemical resistant High Temperature resistant Good conformability High adhesion Solvent resistant Plasticizer migration resistant - acrylic side Bonds well to LSE substrates - silicone side Applications: Overlap splicing and laminating various silicone surfaces such as silicone foam, rubber and gaskets to non-silicone coated substrates. Information provided by Dielectric Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dielectric-Polymers-NT-1020-SiliconeAcrylic-Double-Coated-Tape-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Thickness	25.4 microns	1.00 mil	PET Carrier
	50.8 microns	2.00 mil	Acrylic
	50.8 microns	2.00 mil	Silicone

Mechanical Properties	Metric	English	Comments
Peel Strength	0.5040 kN/m	2.875 pli	Adhesion, acrylic side
	0.60259 kN/m	3.4375 pli	Adhesion, silicone side

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	177 °C	350 °F	Acrylic side
	232 °C	450 °F	Intermittent, acrylic side
	232 °C	450 °F	Shear Adhesive Failure (cohesive failure) - acrylic side
	>= 260 °C	>= 500 °F	Shear Adhesive Failure (polyester failure) - silicone side
	260 °C	500 °F	Silicone side
	371 °C	700 °F	Intermittent, silicone side
	Minimum Service Temperature, Air	-184 °C	-300 °F
	-40.0 °C	-40.0 °F	Acrylic side

Descriptive Properties	Value	Comments
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Color Descriptive Properties	Translucent Value	Comments
Tensile Strength	Room Temp. Shear, PET/e.s.: >167 hours - silicone side / 350°F shear: 1"x1"x1000 gr., PET/e.s.: >24 ours - acrylic side	

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