

Saint-Gobain CHR® 2345-2 Polyimide Film Backing Silicone Adhesive Pressure Sensitive Tape

Category : Polymer , Tape , Thermoset , Polyimide, TS , Silicone

Material Notes:

Description: Polyimide films are employed because of their extreme heat resistance. Service temperatures range from -100°F to 500°F (-73°C to 260°C). These flame retardant films exhibit high tensile strength and conformability, good solvent resistance, excellent dielectric strength and good abrasion resistance. Polyimide tape applications include electrical insulation, capacitor, transformer and coil wrapping, electronic assembly, and wave solder protection. This tape uses a silicone adhesive system. Perfect for extreme temperature applications, silicone adhesives perform in continuous operating temperatures from -100°F to 500°F (-73°C to 260°C). Silicone-based adhesive systems exhibit good chemical resistance, retain electrical properties, and remove cleanly with little or no residue. Specification Notes: UL510 E6639. All data based on a 0.0035 inch test sample. (Thickness given is for both backing and adhesive. Backing thickness is .002 inches.) Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-CHR-2345-2-Polyimide-Film-Backing-Silicone-Adhesive-Pressure-Sensitive-Tape.php

Mechanical Properties	Metric	English	Comments
Elongation at Break	75 %	75 %	
Tear Strength	8.77 kN/m	50.0 pli	Initial Tear Strength

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-73.3 °C	-100 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	112 kV/mm	2850 kV/in	
Dielectric Breakdown	10000 V	10000 V	

Descriptive Properties	Value	Comments
Color	Amber	

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