Saint-Gobain CHRÂ® M66 Polyester Film Backing Silicone Adhesive Pressure Sensitive Tape

Category : Polymer , Adhesive , Tape , Thermoset , Silicone

Material Notes:

Description: Polyester films have excellent dimensional stability, high tensile, tear, and impact strengths, and ultimate elongation up to 120% of its original dimensions. These films exhibit low water absorption and good resistance to oils, greases, strong acids, and organic solvents. They also retain electrical properties, dielectric strength, and dielectric constant in continuous operating temperatures from -100Â°F to 350Â°F (-73Â°C to 177Â°C). Applications include transformer and capacitor wrapping, printed circuit board fabrication, splicing tapes, composite bonding protection, and low-cost masking. This tape uses a silicone adhesive system. Perfect for extreme temperature applications, silicone adhesives perform in continuous operating temperatures from -100Â°F to 500Â° (-73Â°C to 260Â°C). Silicone-based adhesive systems exhibit good chemical resistance, retain electrical properties, and remove cleanly with little or no residue. All data based on a 0.0025 inch test sample.(Thickness given is for both backing and adhesive. Backing thickness is .001 inches.) Information provided by Saint Gobain Performance Products.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Saint-Gobain-CHR-M66-Polyester-Film-Backing-Silicone-Adhesive-Pressure-Sensitive-Tape.php

Mechanical Properties	Metric	English	Comments
Elongation at Break	100 %	100 %	
Tear Strength	4.38 kN/m	25.0 pli	Initial Tear Strength

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	177 Â°C	350 Â°F	
Minimum Service Temperature, Air	-73.3 Â°C	-100 Â°F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	78.7 kV/mm	2000 kV/in	
Dielectric Breakdown	5000 V	5000 V	

Descriptive Properties	Value	Comments
Color	Green	

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