Saint-Gobain CHR® HM650 High Modulus PTFE Film Backing Silicone Adhesive Pressure Sensitive Tape

Category : Polymer , Adhesive , Tape , Thermoset , Silicone

Material Notes:

Description: PTFE films provide a conformable release surface and exhibit a remarkably low coefficient of friction and non-stick properties. PTFE films have high temperature resistance and are virtually unaffected by all chemicals. At elevated temperatures, PTFE film still retains excellent tensile strength. Service temperatures range from -100Â°F to +500Â°F (-73Â°C to 260Â°C). 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.Specification Notes: MIL-I-123594C Type 1, Class 1, A-A-59474. All data based on a 0.0065 inch test sample.(Thickness given is for both backing and adhesive. Backing thickness is .005 inches.) Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-CHR-HM650-High-Modulus-PTFE-Film-Backing-Silicone-Adhesive-Pressure-Sensitive-Tape.php

Mechanical Properties	Metric	English	Comments
Elongation at Break	200 %	200 %	
Tear Strength	7.89 kN/m	45.0 pli	Initial Tear Strength

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

Electrical Properties	Metric	English	Comments
Dielectric Strength	81.69 kV/mm	2075 kV/in	
Dielectric Breakdown	13500 V	13500 V	

Descriptive Properties	Value	Comments
Color	White	

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