

## Saint-Gobain CHR<sup>®</sup> 2285-5 Extruded 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 -100<sup>°</sup>F to +500<sup>°</sup>F (-73<sup>°</sup>C to 260<sup>°</sup>C). This tape uses a silicone adhesive system. Perfect for extreme temperature applications, silicone adhesives perform in continuous operating temperatures from -100<sup>°</sup>F to 500<sup>°</sup>F (-73<sup>°</sup>C to 260<sup>°</sup>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 0.0065 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-2285-5-Extruded-PTFE-Film-Backing-Silicone-Adhesive-Pressure-Sensitive-Tape.php](http://www.lookpolymers.com/polymer_Saint-Gobain-CHR-2285-5-Extruded-PTFE-Film-Backing-Silicone-Adhesive-Pressure-Sensitive-Tape.php)

Mechanical Properties	Metric	English	Comments
Elongation at Break	200 %	200 %	
Tear Strength	13.1 kN/m	75.0 pli	Initial Tear Strength

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

Electrical Properties	Metric	English	Comments
Dielectric Strength	96.9 kV/mm	2460 kV/in	
Dielectric Breakdown	16000 V	16000 V	

Descriptive Properties	Value	Comments
Color	Rust	

## Contact Songhan Plastic Technology Co.,Ltd.

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