

## Saint-Gobain CHR<sup>®</sup> SG03-05(R) Premium Glass-PTFE Backing Acrylic Adhesive Pressure Sensitive Tape

Category : Polymer , Adhesive , Tape , Thermoplastic , Acrylic (PMMA)

### Material Notes:

Description: PTFE glass provide dimensional stability, high tensile strength and edge tear, operates over a temperature range from -100°F to +500°F (-73°C to 260°C), and offers better abrasion resistance than uncoated glass cloth. The PTFE surface offers quick release and chemical resistance characteristics. Anti-static PTFE glass yields improved thermal conductivity and static dissipation. Available with silicone or acrylic adhesives, PTFE glass applications include heat sealing and low friction release surface liners for conveyors. This tape uses an acrylic adhesive system. Acrylic adhesives perform in continuous operating temperatures from -40°F to +375°F (-40°C to +188°C). Benefits include exceptional solvent resistance, excellent adhesion to metal, superior weathering and aging characteristics. Acrylics have an excellent shelf life, and when exposed to elevated temperatures, their ability to wet-out improves thus increasing both adhesion and tack properties. Specification Notes: 21CFR175.105 and 21CFR177.1550 compliant. All data based on a 0.0067 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-SG03-05R-Premium-Glass-PTFE-Backing-Acrylic-Adhesive-Pressure-Sensitive-Tape.php](http://www.lookpolymers.com/polymer_Saint-Gobain-CHR-SG03-05R-Premium-Glass-PTFE-Backing-Acrylic-Adhesive-Pressure-Sensitive-Tape.php)

Mechanical Properties	Metric	English	Comments
Elongation at Break	<= 5.0 %	<= 5.0 %	
Tear Strength	30.7 kN/m	175 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	23.6 kV/mm	600 kV/in	
Dielectric Breakdown	5000 V	5000 V	

Descriptive Properties	Value	Comments
Color	Brown	

## Contact Songhan Plastic Technology Co.,Ltd.

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