

## Saint-Gobain CHR<sup>®</sup> RU101 Rulon Film Backing Acrylic Adhesive Pressure Sensitive Tape

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

### Material Notes:

Description: Rulon<sup>®</sup> films offer superior abrasion resistance when compared to conventional PTFE films. Service temperatures range from -100<sup>°</sup>F to 500<sup>°</sup>F (-73<sup>°</sup>C to +260<sup>°</sup>C). In rotating bearing tests, it provided a 500-fold increase in wear resistance over standard PTFE.

Applications include bearing liners, chute and guide rail coverings. This tape uses an acrylic adhesive system. Acrylic adhesives perform in continuous operating temperatures from -40<sup>°</sup>F to +375<sup>°</sup>F (-40<sup>°</sup>C to +188<sup>°</sup>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. All data based on a 0.0103 inch test sample. (Thickness given is for both backing and adhesive. Backing thickness is .008 inches.) Information provided by Saint Gobain Performance Products.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Saint-Gobain-CHR-RU101-Rulon-Film-Backing-Acrylic-Adhesive-Pressure-Sensitive-Tape.php](http://www.lookpolymers.com/polymer_Saint-Gobain-CHR-RU101-Rulon-Film-Backing-Acrylic-Adhesive-Pressure-Sensitive-Tape.php)

Mechanical Properties	Metric	English	Comments
Elongation at Break	225 %	225 %	
Tear Strength	3.51 kN/m	20.0 pli	Initial Tear Strength

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	177 <sup>°</sup> C	350 <sup>°</sup> F	
Minimum Service Temperature, Air	-28.9 <sup>°</sup> C	-20.0 <sup>°</sup> F	

Descriptive Properties	Value	Comments
Color	Rose	

## Contact Songhan Plastic Technology Co.,Ltd.

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