

## Saint-Gobain CHR<sup>Â</sup>® C665 Copper Foil Backing Acrylic Adhesive Pressure Sensitive Tape

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

### Material Notes:

Description: Aluminum and copper foil tapes offer high conformability, conductivity, and reflectivity at elevated temperatures. Aluminum is available with a fiberglass laminate for applications requiring higher tear strengths. Service temperatures range from -100<sup>Â</sup>F to +500<sup>Â</sup>F (-73<sup>Â</sup>C to +260<sup>Â</sup>C). Applications include thermal spray, aircraft repainting, EMI/RFI shielding, and electroplating. This tape uses an acrylic adhesive system. Acrylic adhesives perform in continuous operating temperatures from -40<sup>Â</sup>F to +375<sup>Â</sup>F (-40<sup>Â</sup>C to +188<sup>Â</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. Specification Notes: UL Guide OANZ2, File E51201, UL510, Conductive Adhesive. All data based on a 0.0035 inch test sample. (Thickness given is for both backing and adhesive. Backing thickness is .0015 inches.) Information provided by Saint Gobain Performance Products.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Saint-Gobain-CHR-C665-Copper-Foil-Backing-Acrylic-Adhesive-Pressure-Sensitive-Tape.php](http://www.lookpolymers.com/polymer_Saint-Gobain-CHR-C665-Copper-Foil-Backing-Acrylic-Adhesive-Pressure-Sensitive-Tape.php)

Mechanical Properties	Metric	English	Comments
Tear Strength	15.8 kN/m	90.0 pli	Initial Tear Strength

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 <sup>Â</sup> C	250 <sup>Â</sup> F	
Minimum Service Temperature, Air	-40.0 <sup>Â</sup> C	-40.0 <sup>Â</sup> F	

Descriptive Properties	Value	Comments
Color	Copper	

## Contact Songhan Plastic Technology Co.,Ltd.

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