

# CHR® K100

## Polyimide Pressure Sensitive Adhesive Tape

**CHR** K100 is manufactured from polyimide film with high-temperature silicone adhesive on both sides.

### Features/Benefits

**CHR** K100 has excellent mechanical and electrical properties.

**CHR** K100 offers high temperature resistance and low moisture absorption. **CHR** K100 is used in high voltage insulation. The polyimide backing meets MIL-P-46112B.

### Availability

Factory stock for **CHR** K100 is in master log form 33 m x 711 mm (36 yd x 28 in) wide. Rolls can be slit 6.35 mm (0.25 in) to full width. **CHR** K100 is available with a liner.

### Applications

**CHR** K100 is constructed to fill the requirements of high performance thermo-plastic polyimide backing materials along with the high temperature resistance of the silicone adhesive for a broad range of electronic assembly and electrical insulation applications.



**CHR K100 Properties**

Performance tests are run using standard test procedures.

The values presented are typical values and should not be used for specification purposes.

Product Number	K100
Backing Material	Film-Polyimide
Adhesive Type	Silicone
Total Thickness mm (mil)	0.114 (4.5)
Backing Thickness mm (mil)	0.025 (1.0)
Adhesive Thickness mm (mil)	0.045 / 0.045 (1.8 / 1.8)
Adhesion to Steel N/cm (oz/in)	2.2 / 2.2 (20 / 20)
Tensile Strength N/cm (lb/in)	53 (30)
Elongation (% at break)	50
Dielectric Strength (volts)	7,500
Direct Electrolytic Corr.	1.0
Operating Temperature °C (°F)	-73 to +260 (-100 to +500)
Insulation Class (°C)	180
Colour	Amber

**Saint-Gobain Tape Solutions**

North America | South America | Europe | Asia

For a full list of locations, please visit  
[tapesolutions.saint-gobain.com/contact-us](https://www.tapesolutions.saint-gobain.com/contact-us)

**IMPORTANT:** It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

**WARRANTY:** For a period of 6 months, Saint-Gobain warrants this product(s) to be free from defects in manufacturing. The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. SAINT-GOBAIN DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Form #1117 | © Saint-Gobain January 2019 | **CHR** and **CHRTape** are trademarks of Saint-Gobain.