

# CHR® K104

## 0.5 Mil Polyimide Pressure Sensitive Adhesive Tape

**CHR** K104 is manufactured by **Saint-Gobain**® Performance Plastics Corporation, Tape Solutions business, and comes with polyimide film with high-temperature silicone adhesive.

### Features/Benefits

**CHR** K104 has excellent mechanical and electrical properties as well as a high conformability. **CHR** K104 offers outstanding resistance to cut-through, and is impact and abrasion resistant. They also offer excellent dielectric strength, while the burning of the adhesive forms a non-conductive ash. The polyimide backing meets MIL-P-46112B.

### Availability

Factory stock for **CHR** K104 is in master log form 33 m × 432 mm (36 yd × 17 in) wide. Rolls can be slit 6.35 mm to 432 mm (0.25 in to 17 in) wide. **CHR** K104 is available with or without a liner.

### Applications

**CHR** K104 is constructed to fill the requirements of a high performance thermoplastic polyimide backing materials. **CHR** K104 is intended to fill the various needs of electrical insulation requirements.



## CHR K104 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	K104
Backing Material	Film-Polyimide
Adhesive Type	Silicone
Total Thickness mm (mil)	0.038 (1.5)
Backing Thickness mm (mil)	0.013 (0.5)
Adhesive Thickness mm (mil)	0.025 (1.0)
Adhesion to Steel N/cm (oz/in)	1.6 (15)
Tensile Strength N/cm (lb/in)	18 (10)
Elongation (% at break)	25
Dielectric Strength (volts)	4,000
Direct Electrolytic Corr.	1.0
Operating Temperature °C (°F)	-73 to +260 (-100 to +500)
Insulation Class (°C)	180
Colour	Amber

**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 your actions or inactions, including your use, design, fabrication or application of the products into which the materials are incorporated.

**WARRANTY:** This document should not be considered a warranty or a guarantee. The descriptions of the Product provided hereinabove may vary based on specifications requested and testing protocols. Typically, Saint-Gobain warrants that product(s) will meet mutually agreed specifications at delivery and Saint-Gobain honors any breach of warranty claims for six (6) months from delivery of the products. If a product is determined to be nonconforming with its warranty, Saint-Gobain's sole obligation is, at its option, to either replace the nonconforming products or reimburse the purchase price for the same.

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 OTHER EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE.

Form #1116 | © Saint-Gobain April 2025 | All the mentioned trademarks are registered trademarks of Saint-Gobain Tape Solutions or affiliates, part of Saint-Gobain group.



**TAPE SOLUTIONS**

North America | South America  
Europe | Asia

For more information, please visit  
[tapesolutions.saint-gobain.com](http://tapesolutions.saint-gobain.com)