

CHR[®] 5304/5604

Glass-Silicone Pressure Sensitive Adhesive Tape

CHR 5304 and **5604** Tape are manufactured by **Saint-Gobain[®]** Performance Plastics Corporation, Tape Solutions business, and come with 1 and 2 mil PET film with 1.4 mils of pressure-sensitive silicone adhesive.

Features/Benefits

CHR 5304 and **5604** are manufactured from polyester film, coated with high performance silicone adhesive. Polyester has good chemical resistance and resists attack from many reagents, even at elevated temperatures. The use of silicone adhesive ensures excellent and complete release following use at high temperatures. **CHR 5304** and **5604** are a dependable and economical solution for masking in various applications including flash masking in composite molding processes.

Availability

CHR 5304 and **5604** are available in rolls 66 m (72 yd) long and 1000 mm (39 in) wide. Slit widths are available on request as narrow as 6.4 mm (0.25 in). The material is self-wound (i.e., no liner) and comes on a durable, plastic core.

Applications

Intended to work as an all-purpose adhesive flash and tool masking tape in composite molding (also referred to as “Flashing Masking Tape” or “Flash Breaker Tape”) that can sustain high heat ranges as noted in this data sheet. If resin leaks out during the process, remove the tape and it removes the overage (also called “flash”). **CHR 5304** and **5604** offer an economical method to hold, insulate and protect various materials. **CHR 5604** may be preferred over **5304** due to additional film thickness and strength for removal.



APPLICATIONS

- Composite Molding
Flash Masking
- Composite Molding
Tool Masking

CHR 5304/5604 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	5304	5604
Backing Material	PET	PET
Adhesive Type	Silicone	Silicone
Total Thickness mm (mil)	0.060 (2.4)	0.085 (3.4)
Backing Thickness mm (mil)	0.023 (1.0)	0.050 (2.0)
Adhesive Thickness mm (mil)	0.037 (1.4)	0.035 (1.4)
Adhesion to Steel N/cm (oz/in)	3.0 (27)	3.8 (35)
Tensile Strength N/cm (lb/in)	40 (23)	70 (40)
Elongation (% at break)	80	100
Operating Temperature °C (°F)	-73 to +177 (-100 to +350)	-73 to +177 (-100 to +350)
Color	Blue	Blue

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 #1588 | © Saint-Gobain February 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