

CHR[®] G SERIES

Glass-Cloth Pressure Sensitive Adhesive Tape

CHR G551, G561, G565 and G569 are manufactured from electrical grade fibreglass cloth backing coated with clear pressure-sensitive adhesive.

Features/Benefits

CHR G551, G561, G565 and G569 feature a tough abrasion resistance and excellent mechanical and electrical properties. They are also highly conformable and non-corrosive. **CHR** G565 and G569 meet Underwriters Laboratories Guide OANZ2, and File E51201 specifications. They are manufactured with non-halogen materials.

Availability

Factory stock for **CHR** G551 is in master rolls 33 m and 55 m x 1194 mm wide (36 yd and 60 yd x 47 in) wide, G561 in 33 m x 610 mm (36 yd x 24 in) wide, G565 in 33 m and 55 m lengths x 610 mm (36 yd and 60 yd x 24 in) wide and **CHR** G569 in 55 m and 33 m lengths x 584 mm (60 yd and 36 yd x 23 in) wide. Rolls can be slit in widths ranging from 6.35 mm (0.25 in) to full width. They are available with or without a liner.

Applications

CHR G551, G561, G565 and G569 are constructed to offer excellent solvent and flagging resistance. The high conformance and strength/ weight ratio makes **CHR** G551, G561, G565 and G569 good candidates for oil and motor applications.



CHR G Series

CHR G Series 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 | G551 | G561 | G565 | G569 |
|--------------------------------|----------------------------|-------------------------------|-------------------------------|------------------------------|
| Backing Material | Glass-Cloth | Glass-Cloth | Glass-Cloth | Glass-Cloth |
| Adhesive Type | Thermosetting Rubber | Silicone | Silicone | Acrylic |
| Total Thickness mm (mil) | 0.178 (7.0) | 0.178 (7.0) | 0.178 (7.0) | 0.178 (7.0) |
| Backing Thickness mm (mil) | 0.114 (4.5) | 0.114 (4.5) | 0.114 (4.5) | 0.114 (4.5) |
| Adhesive Thickness mm (mil) | 0.064 (2.0) | 0.064 (2.0) | 0.064 (2.0) | 0.064 (2.0) |
| Adhesion to Steel N/cm (oz/in) | 5.5 (50) | 3.8 (35) | 3.8 (35) | 3.3 (30) |
| Tensile Strength N/cm (lb/in) | 263 (150) | 263 (150) | 263 (150) | 263 (150) |
| Dielectric Strength (volts) | 3,500 | 4,500 | 4,500 | 3,000 |
| Direct Electric Corr. | 1.0 | 1.0 | 1.0 | 1.0 |
| Operating Temperature °C (°F) | -18 to +177 (0 to +350) | -73 to +260 (-100 to +500) | -73 to +260 (-100 to +500) | -29 to +177 (-20 to +350) |
| Insulation Class °C | 130 | 180 | 180 | 155 |
| Chlorides | - | - | - | <50 |
| Colour | White | White | White | White |



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IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain Performance Plastics 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 Performance Plastics 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 PERFORMANCE PLASTICS DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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