

CHR® GL SERIES

Glass Cloth Pressure Sensitive Adhesive Tape

CHR GL.95, GL.94, GL.97, and GL.99 are manufactured by **Saint-Gobain®** Performance Plastics Corporation, Tape Solutions business, and come with high performance glass cloth with pressure sensitive adhesive, including Thermosetting Rubber, Acrylic or Silicone.

Features/Benefits

Abrasion, puncture and tear resistant along with superior tensile strength makes these tapes ideal for all applications where mechanical and thermal resistance are required. Outstanding flexibility and conformability. Thermal class is related to adhesive performance and ranges from Class B (130°C) up to Class H (180°C).

CHR GL.94, GL.95, and GL.99 meet the Underwriters Laboratories, Inc. Guide File OANZ2.E178430 and are recognized by UL Electrical Insulating Systems. **CHR** GL.99 complies with UL 510 for flame retardance.

Options are available in black for **CHR** GL.94 and GL.95 upon request for transformer outer wrap aesthetics/appearance.

Availability

CHR GL.94, GL.95 and GL.99 are available in master rolls 1200 mm × 55 m (47 in × 60 yd).

CHR GL.97 is available in master rolls 1280 mm × 55 m (50 in × 60 yd).

CHR GL.99 is available in master rolls 1200 mm × 33 m (47 in × 36 yd).

Rolls can be slit down to widths of 6.35 mm (0.25 in).

Applications

CHR GL.95, GL.94, GL.97, and GL.99 are intended for coil wrapping motors and transformers, cable harnesses, and all applications where mechanical and thermal resistance are required.



CHR GL.95, GL.94, GL.97, and GL.99 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	GL.95	GL.94	GL.97	GL.99
Backing Material	Glass Cloth	Glass Cloth	Glass Cloth	Glass Cloth
Adhesive Type	Rubber-TS	Acrylic	Acrylic	Silicone
Backing Thickness mil (μm)	4.7 (120)	4.7 (120)	5.1 (130)	4.7 (120)
Adhesive Thickness mil (μm)	2.0 (50)	1.8 (45)	1.9 (48)	1.8 (45)
Overall Thickness mil (μm)	6.7 (170)	6.5 (165)	7.0 (178)	6.5 (165)
Adhesion Strength* oz/in (N/cm)	32 (3.5)	37 (4)	39 (4.3)	20 (2.2)
Tensile Strength lbs/in (N/cm)	171 (300)	171 (300)	228 (400)	143 (250)
Elongation (% at break)	5	5	5	5
Dielectric kv	2.5	2.5	3	2.5
UL File	E178430	E178430	—	E178430
Insulation Class °C	130	155	155	180
Short Time °C	160	180	180	280
Log Width inches (mm)	47 (1200)	47 (1200)	50 (1280)	47 (1200)
Color	White (black upon request)	White (black upon request)	White	White

*Peel adhesion at 180 degrees on steel.

Shelf Life

12 months from date of sale when stored in original packaging at 21°C (70°F) and 50% relative humidity.

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.

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