

## CHR® GL SERIES

### Glass Cloth Pressure Sensitive Adhesive Tape

**CHR** GL.94, GL.95, and GL.99 are manufactured from 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.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.94, GL.95, and GL.99 are designed for coil wrapping motors and transformers, cable harnesses, and all applications where mechanical and thermal resistance are required.



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



### Saint-Gobain Tape Solutions

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**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.

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