

# CHR<sup>®</sup> 2905-7R

## Glass-Cloth Pressure Sensitive Adhesive Tape

**CHR** 2905-7R is manufactured by **Saint-Gobain**<sup>®</sup> Performance Plastics Corporation, Tape Solutions business, and comes with heat-resistant fibreglass cloth backing coated with silicone adhesive on both sides that can sustain high heat ranges as noted in this data sheet.

### Features/Benefits

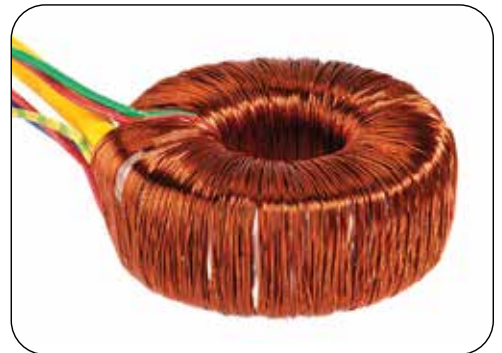
**CHR** 2905-7R is exceptionally stable at high temperatures, allowing it to withstand temperatures up to 260°C. A non-corrosive product, 2905-7R is used in a variety of critical electrical applications. Other characteristics include excellent abrasion and edge tear resistance and exceptional flex strength. **CHR** 2905-7R is available in both 0.178 mm and 0.254 mm thicknesses, the 0.254 mm (2905-10R) being a more abrasive-resistant, heavy-duty product.

### Availability

Factory stock for 2905-7R is in master rolls 33 m × 914 mm wide (36 yd × 36 in). Rolls can be slit in widths ranging from 6.35 mm to 914 mm (0.25 in to 36 in). Both products are supplied with a release liner.

### Applications

**CHR** 2905-7R has a wide variety of uses in the industrial and electrical markets. It is most widely used as a high temperature masking tape for metalising or plasma spray coatings. **CHR** 2905-7R is also used as a holding tape for components on circuit boards, inner wraps for coils and transformers and high temperature splicing.



## CHR 2905-7R 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	2905-7R	2905-10R
Backing Material	Glass-Cloth	Glass-Cloth
Adhesive Type	Silicone	Silicone
Total Thickness mm (mil)	0.178 (7)	0.267 (10.5)
Backing Thickness mm (mil)	0.114 (4.5)	0.165 (6.5)
Adhesive Thickness mm (mil)	0.032 / 0.032 (1.25 / 1.25)	0.051 / 0.051 (2.0 / 2.0)
Adhesion to Steel N/cm (oz/in)	4.4 (40)	2.7 (25)
Tensile Strength N/cm (lb/in)	307 (175)	394 (225)
Dielectric Strength (volts)	-	8000
Elongation (% at break)	<10	<10
Operating Temperature °C (°F)	-73 to +260 (-100 to +500)	-73 to +260 (-100 to +500)
Colour	White	White

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