

CHR[®] 2925/2995

Glass-Foil Pressure Sensitive Adhesive Tape

CHR 2925 and 2995-11R are manufactured by **Saint-Gobain**[®] Performance Plastics Corporation, Tape Solutions business, and come with aluminium foil laminated to fibreglass cloth with silicone adhesive on one side that can sustain high heat ranges as noted in this data sheet.

Features/Benefits

CHR 2925's silicone adhesive that can sustain high heat ranges as noted in this data sheet allows the product to withstand continuous high temperatures, and prevents tape slippage after application. **CHR** 2995-11R is formed by laminating 0.127 mm (5.0 mil), dead soft aluminium foil to fibreglass fabric and applying a special blend of high-temperature silicone adhesives. The backing provides an excellent combination of strength, flexibility and heat resistance. Both 2925 and 2995-11R have excellent strength and flexibility, which provides easy wrapping of complex shapes and minimizes wrinkling.

Availability

CHR 2925 is available in 0.178 mm (7.0 mil) and 0.279 mm (11.0 mil) thicknesses, factory stock is in master rolls 33 m × 914 mm (36 yd × 36 in), and rolls can be slit in widths ranging from 6.35 mm to 914 mm (0.25 in to 36 in). **CHR** 2925 is available with or without a liner. **CHR** 2995-11R is supplied on a clear polyester release liner. It unwinds easily, can be die-cut, and each roll is started with a pull-tab. Factory stock for 2995-11R is in master rolls 33 m × 914 mm (36 yd × 36 in), and rolls can be slit in widths ranging from 12.7 mm to 914 mm (0.5 in to 36 in).

Applications

CHR 2925 performs as a plasma or flame spray masking tape, allowing areas to be free of grit blasting and the plasma spray coating. Its high heat resistance range noted in this data sheet makes it ideal for heat and reflectant tapes, and it is used in aerospace and automotive markets as a wire harness bundling tape in engine components. **CHR** 2925 also is used as a sound and vibration dampening product. **CHR** 2995-11R is intended for extremely high demand thermal spray applications, such as HVOF and High Detonation Systems. It is intended to provide excellent abrasion and temperature resistance and conforms very well to a wide variety of surface configurations. The extremely aggressive adhesive system assures the tape stays in place throughout the entire coating process and will release cleanly after use, reducing the cleaning of the coated parts.



CHR 2925/2995 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	2925-7	2925-11	2995-11R
Backing Material	Glass-Foil	Glass-Foil	Glass-Foil
Adhesive Type	Silicone	Silicone	Silicone
Total Thickness mm (mil)	0.178 (7.0)	0.279 (11.0)	0.305 (12.0)
Backing Thickness mm (mil)	0.064 (2.5)	0.191 (7.5)	0.178 (7.0)
Adhesive Thickness mm (mil)	0.114 (4.5)	0.089 (3.5)	0.127 (5.0)
Adhesion to Steel N/cm (oz/in)	6.6 (60)	8.2 (75)	4.9 (45)
Tensile Strength N/cm (lb/in)	228 (130)	350 (200)	263 (150)
Elongation (% at break)	7	7	5
Operating Temperature °C (°F)	-73 to +260 (-100 to +500)	-73 to +260 (-100 to +500)	-73 to +260 (-100 to +500)
Colour	Aluminium	Aluminium	Aluminium

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