



CHR[®] H6595

Glass-Silicone (HVOF) Pressure Sensitive Adhesive Tape

CHR H6595 is a high temperature, heavy duty, pressure sensitive adhesive tape used for thermal spray masking. It is particularly recommended for HVOF applications. **CHR H6595** is manufactured by **Saint-Gobain[®]** Performance Plastics Corporation, Tape Solutions business by combining multiple layers of silicone rubber, aluminium foil and woven glass fabric and is coated with an aggressive silicone adhesive that can sustain high heat ranges as noted in this data sheet.



Features/Benefits

CHR H6595 has exceptional abrasion resistance and adhesion properties that allows the tape to wear well during the spraying process. The tape is also very conformable and can be used for many part configurations. **CHR H6595** can continuously withstand temperature up to 260°C.

Availability

Factory stock for **CHR H6595** is in Master Rolls 16.5 m in length by 914 mm (18 yd x 36 in) wide. Rolls can be slit in widths from 6.35 mm (0.25 in) up. All product is supplied on 76 mm (3 in) ID cores. The tape is supplied with a yellow dimpled liner for adhesive protection.

Applications

CHR H6595 is used as a high temperature masking tape in thermal spray and high velocity oxygenated fuel (HVOF) processes. The tape is intended to protect portions of the part being processed so that it is not exposed to spray. **CHR H6595** is used primarily in the aircraft industry in their repair shops as well as in other markets where thermal spraying is used.

CHR H6595 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	H6595
Backing Material	Silicone Rubber / Glass / Foil / Glass
Adhesive Type	Silicone
Total Thickness mm (mil)	0.508 (20.0)
Adhesion to Steel N/cm (oz/in)	5.5 (50)
Tensile Strength N/cm (lb/in)	220 (125)
Operating Temperature °C (°F)	-73 to +260 (-100 to +500)
Colour	Off-White

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