

CHR® 06004/06005

Glass-Foil Pressure Sensitive Adhesive Tape

CHR 06004 and **06005** are manufactured from a laminate of aluminium foil and silicone adhesive impregnated fibreglass cloth.

Features/Benefits

CHR 06004 offers excellent abrasion resistance and is very conformable. The specially formulated silicone adhesive system provides an excellent bond to the part being masked and holds the tape firmly in place throughout the entire spraying process. It also removes cleanly reducing cleaning of the part.

Availability

CHR 06004 and **06005** are available in roll form and are supplied on a 76.2 mm (3 in) ID core. Standard roll length is 33 m (36 yd). Widths available are 6.35 mm to 914 mm (0.25 in to 36 in).

Applications

CHR 06004 and **06005** are used in applications where high temperatures and/or abrasion resistance is needed. **CHR 06004** is used to mask parts during thermal spray applications, and because of the abrasion resistance of the aluminium foil, is effective when used in the HVOF process.



CHR 06004 and 06005 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	06004	06005
Backing Material	Glass-Foil	Glass-Foil
Adhesive Type	Silicone	Silicone
Total Thickness mm (mil)	0.203 (8.0)	0.203 (8.0)
Backing Thickness mm (mil)	0.063 (2.5)	0.063 (2.5)
Foil Thickness mm (mil)	0.051 (2.0)	0.051 (2.0)
Adhesive Thickness mm (mil)	0.089 (3.5)	0.089 (3.5)
Adhesion to Steel N/cm (oz/in)	6.6 (60)	7.7 (70)
Adhesion to Aluminium N/cm (oz/in)	6.6 (60)	7.7 (70)
Tensile Strength N/cm (lb/in)	272 (155)	263 (150)
Elongation (% at break)	-	7
Operating Temperature °C (°F)	-73 to +260 (-100 to +500)	-73 to +260 (-100 to +500)
Colour	Aluminium	Aluminium



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