

# CHR<sup>®</sup> A2005

## PTFE-Glass Pressure Sensitive Adhesive Tape

**CHR** A2005 is manufactured by **Saint-Gobain**<sup>®</sup> Performance Plastics Corporation, Tape Solutions business, and comes with fibreglass fabric impregnated with PTFE dispersion and coated with pressure-sensitive silicone adhesive that can sustain high heat ranges as noted in this data sheet.

### Features/Benefits

**CHR** A2005 is a very durable and versatile product. The combination of PTFE, fibreglass and a high temperature silicone adhesive allows A2005 to perform in continuous temperatures up to 260°C (500°F). A2005 is dimensionally stable and resistant to tears, punctures, abrasion and wear. It will not “cold flow” under heavy loads.

### Availability

**CHR** A2005 is available in widths from 6.35 mm to 991 mm (0.25 in to 39 in) wide. Standard roll length is 16.5 m or 33 m (18 yd or 36 yd). **CHR** A2005 is available with or without a liner.

### Applications

**CHR** A2005 is frequently used by the packaging industry as a release surface on heat sealers, blister formation and form-fill-seal equipment. The durability and anti-stick properties of **CHR** A2005 also make it an ideal material for the lining of guide rails, chutes and slides. The high temperature capabilities and non-stick properties of **CHR** A2005 allow it to perform as an excellent release surface in the composite aircraft industry.



## CHR A2005 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	A2005
Backing Material	PTFE-Coated Fibreglass Fabric
Adhesive Type	Silicone
Total Thickness mm (mil)	0.140 (5.5)
Backing Thickness mm (mil)	0.076 (3.0)
Adhesive Thickness mm (mil)	0.064 (2.5)
Adhesion to Steel N/cm (oz/in)	5.5 (50)
Tensile Strength N/cm (lb/in)	158 (90)
Elongation (% at break)	<5
Operating Temperature °C (°F)	-73 to +260 (-100 to +500)
Colour	Natural

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