

CHR[®] BROWN SGB6

PTFE Coated Fabric Pressure Sensitive Adhesive Tape

CHR Brown SGB6 is fibreglass fabric impregnated with PTFE, laminated to a proprietary PTFE film that is then coated on one side with high-temperature, silicone pressure-sensitive adhesive.

Features/Benefits

CHR SGB6 is a laminate construction offering a relatively thick and consistent layer of PTFE over the entire cloth surface. This makes it more durable and longer lasting than conventionally produced tapes. The combination of uniform thickness and pin-hole free construction enables **CHR** SGB6 tapes to outperform thicker, standard tapes. **CHR** SGB6 is dimensionally stable and resistant to tears, punctures, abrasion and wear.

Availability

Factory stock for **CHEMLAM**[®] Brown is in Master log form 33 m x 914 mm (36 yd x 38 in). Rolls can be slit to width on demand. The product is available with or without a liner.

Applications

CHR SGB6 is frequently used in the packaging industry as a release surface on heat sealers, blister formation and in form, fill and seal equipment where heavy production demands require the ultimate in release properties. The durability and anti-stick properties of SGB6 also make it an ideal material for the lining of guide rails, chutes and slides. The high temperature capabilities and non-stick properties allow it to perform as an excellent release surface in severe industrial environments for platen covers, dry can covers and in the composite moulding industry.



CHEMLAM Brown SGB6 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	SGB6-04	SGB6-06	SGB6-10
Backing Material	PTFE coated Fibreglass Fabric		
Adhesive Type	Silicone	Silicone	Silicone
Total Thickness mm (mil)	0.160 (6.3)	0.201 (7.9)	0.290 (11.4)
Backing Thickness mm (mil)	0.109 (4.3)	0.150 (5.9)	0.239 (9.4)
Adhesive Thickness mm (mil)	0.051 (2.0)	0.051 (2.0)	0.051 (2.0)
Adhesion to Steel N/cm (oz/in)	4.9 (45)	5.5 (50)	6.0 (55)
Elongation (% at break)	<5		
Operating Temperature °C (°F)	-73 to +260 (-100 to +500)		
Colour	Brown		

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