



CHR[®] TAPE

CHR[®] 2045

Specialized for Extreme Conditions

Skived PTFE Pressure Sensitive Adhesive Tape

CHR[®] 2045 is manufactured from skived PTFE film coated with high-temperature silicone adhesive.

Features/Benefits

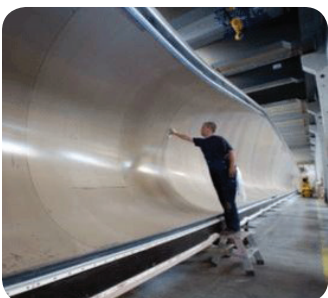
One side of 2045 has a silicone pressure sensitive adhesive and the other side offers low coefficient of friction PTFE film, which is thin and conformable. PTFE backing offers excellent high temperature resistance and is chemically inert. The tape construction is stable and non-toxic.

Availability

Factory stock for 2045 is in master roll form 33 m x 279 mm for 2045-2, 33 m x 432 mm for 2045-3, and 33 m x 584 mm for 2045-5 and 2045-10. Rolls can be slit 12.7 mm wide through 279 mm (2045-2), 432 mm (2045-3) and 584 mm (2045-5 and 2045-10). 2045 is available with and without a liner

Applications

CHR[®] 2045 is often used as an excellent release surface on packaging equipment and heat sealing machines, roll coverings on plastic extruders, guide rails, and angle bars in the graphic arts industry.



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CHR® 2045 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	2045-2	2045-3	2045-5	2045-10
Backing Material	Film-PTFE	Film-PTFE	Film-PTFE	Film-PTFE
Adhesive Type	Silicone	Silicone	Silicone	Silicone
Total Thickness (mm)	0.089	0.114	0.165	0.292
Backing Thickness (mm)	0.051	0.076	0.127	0.254
Adhesive Thickness (mm)	0.038	0.038	0.038	0.038
Adhesion to Steel (N/cm)	3.3	3.8	4.4	5.5
Tensile Strength (N/cm)	26	35	53	96
Dielectric Strength (volts)	7,500	9,500	13,000	19,500
Elongation (% at break)	325	350	400	450
Operating	-	7	7	7
Temperature (°C)	-73 to +260	-73 to +260	-73 to +260	-73 to +260
Colour	Grey	Grey	Grey	Grey

CHR® is a registered trademark.



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