

CHR® RU/R101

Rulon® Pressure Sensitive Adhesive Tape

CHR RU and RU101 are manufactured by **Saint-Gobain®** Performance Plastics Corporation, Tape Solutions business, and comes from skived, patented, filled PTFE film coated one side with pressure-sensitive adhesive that can sustain high heat ranges as noted in this data sheet.

Features/Benefits

Rulon backing is chemically inert and offers excellent high temperature resistance. **CHR** RU and RU101 tape construction is stable, non-toxic and weather resistant. The film surface is self-lubricating and the backing is conformable. Both tapes are supplied with a peel off release liner.

Availability

Factory stock for **CHR** RU is in master log form 16.5 m × 406 mm (18 yd × 16 in) width and for **CHR** RU101 16.5 m × 432 mm (18 yd × 17 in) width. Rolls can be slit 12.7 mm (0.5 in) wide to full width. Both are available with a liner.

Applications

CHR RU and RU101 combine a low coefficient of friction with the high temperature stability. They also offer outstanding abrasion resistance, which equates to a 500-fold increase in wear resistance over PTFE in rotating bearing tests.



CHR Rulon RU/R101 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	RU	RU101
Backing Material	Film-Rulon	Film-Rulon
Adhesive Type	Silicone	Acrylic
Total Thickness mm (mil)	0.254 (10.0)	0.262 (10.3)
Backing Thickness mm (mil)	0.203 (8.0)	0.203 (8.0)
Adhesive Thickness mm (mil)	0.051 (2.0)	0.058 (2.3)
Adhesion to Steel N/cm (oz/in)	2.7 (25)	2.2 (20)
Tensile Strength N/cm (lb/in)	35 (20)	35 (20)
Elongation (% at break)	225	225
Operating Temperature °C (°F)	-73 to +260 (-100 to +500)	-29 to +177 (-20 to +350)
Colour	Rose	Rose

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