

# CHR® RU/R101

## Rulon® Pressure Sensitive Adhesive Tape

**CHR** RU and RU101 are manufactured from skived, patented, filled PTFE film coated one side with high-temperature pressure-sensitive adhesive.

### 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 x 406 mm (18 yd x 16 in) width and for **CHR** RU101 16.5 m x 432 mm (18 yd x 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<br>(-100 to +500) | -29 to +177<br>(-20 to +350) |
| Colour                         | Rose                          | Rose                         |

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