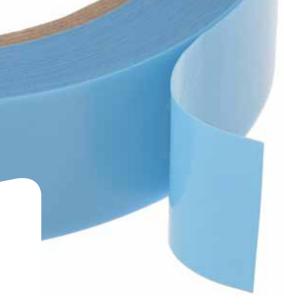
## CHRTAPE. 💋



# CHR<sup>®</sup> 2300

#### **UHMW Pressure Sensitive Adhesive Tape**

**CHR** 2300 is manufactured from UHMW (Ultra High Molecular Weight) polyolefin film coated with rubber adhesive.

#### **Features/Benefits**

**CHR** 2300 exhibits excellent abrasion resistance and it has a low coefficient of friction, making it an excellent protection for surfaces or bearings that experience heavy wear. **CHR** 2300 is more economical than PTFE tapes. The high-temperature, high-tack rubber adhesive adheres readily to most dry, clean surfaces, firmly anchoring the product in place.



### **Availability**

Factory stock for 2300 is in master rolls 33 m  $\times$  610 mm (36 yd  $\times$  24 in). Rolls can be slit in widths from 6.35 mm to 610 mm (0.25 in to 24 in). This product is supplied with a film inter-liner, which protects the adhesive, facilitates die cutting and peels off easily.

### **Applications**

**CHR** 2300 tapes can be used to provide an abrasion-resistant, anti-stick, anti-friction surface at temperatures up to 107°C (225°F). **CHR** 2300 is frequently used to line chutes and conveyors. **CHR** 2300 is often applied to guide rails to reduce noise levels in glass bottling plants. This tape is also used to replace desk drawer bearings to provide silky smooth, friction-free drawer movement.



#### **CHR** 2300 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	2300-5R	2300-10R
Backing Material	Film-UHMW	Film-UHMW
Adhesive Type	Thermosetting Rubber	Thermosetting Rubber
Total Thickness mm (mil)	0.178 (7.0)	0.305 (12.0)
Backing Thickness mm (mil)	0.127 (5.0)	0.254 (10.0)
Adhesive Thickness mm (mil)	0.051 (2.0)	0.051 (2.0)
Adhesion to Steel N/cm (oz/in)	6.0 (55)	6.0 (55)
Tensile Strength N/cm (lb/in)	70 (40)	140 (80)
Elongation (% at break)	350	425
Taber Abrasion Resistance (Mg.)	0.4 Max. @ 1000 gm. Load and 1000 Revolutions	0.4 Max. @ 1000 gm. Load and 1000 Revolutions
Coefficient of Kinetic Friction	0.11 to 0.25	0.11 to 0.25
Operating Temperature °C (°F)	-40 to +107 (-40 to +225)	-40 to +107 (-40 to +225)
Colour	Natural	Natural



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IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: For a period of 6 months, Saint-Gobain warrants this product(s) to be free from defects in manufacturing. The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. SAINT-GOBAIN DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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