



CHR[®] TAPE

CHR[®] 2300

Specialized for Extreme Conditions

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 x 610 mm. Rolls can be slit in widths from 6.35 mm to 610 mm. This product is supplied with a film inter-liner, which protects the adhesive, facilitates die cutting and peels off easily.

Applications

2300 tapes can be used to provide an abrasion-resistant, anti-stick, anti-friction surface at temperatures up to 107 °C. 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.



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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)	0.178	0.305
Backing Thickness (mm)	0.127	0.254
Adhesive Thickness (mm)	0.051	0.051
Adhesion to Steel (N/cm)	6.0	6.0
Tensile Strength (N/cm)	70	140
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)	-40 to +107	-40 to +107
Colour	Natural	Natural

CHR® is a registered trademark.



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