

# 2300

## FILM-UHMW

Saint-Gobain Performance Plastics CHR® 2300 is manufactured from UHMW (Ultra High Molecular Weight) polyolefin film coated with rubber adhesive.

### Typical Properties

Product Number	2300-5R	2300-10R
Backing Material	Film-UHMW	Film-UHMW
Adhesive Type	Thermosetting Rubber	Thermosetting Rubber
Total Thickness (in.)	.0070	.0120
Backing Thickness (in.)	.0050	.0100
Adhesive Thickness (in.)	.0020	.0020
Adhesion to Steel (oz./in.)	55	55
Tensile Strength (lbs./in.)	40	80
Elongation (% at break)	350	400
Taber Abrasion Resistance (Mg.)	0.4 Max. @ 1000 gm. Load & 1000 Revolutions	0.4 Max. @ 1000 gm. Load & 1000 Revolutions
Coefficient of Kinetic Friction	0.11-0.25	0.11-0.25
Operating Temperature (°F)	-40 to 225	-40 to 225
Color	Natural	Natural

Values shown are typical. Certified test reports for writing specifications are available.

**Applications**—2300 tapes can be used to provide an abrasion-resistant, anti-stick, anti-friction surface at temperatures up to 225°F. 2300 is frequently used to line chutes and conveyors. 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.

**Features/Benefits**—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. 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**—2300 is available in 5 and 10 mil thicknesses. Factory stock for 2300 is in master rolls 36 yards by 24". Rolls can be slit in widths from 1/4" to 24". This product is supplied with a film inter-liner, which protects the adhesive, facilitates die cutting and peels off easily.

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