



UHMW TAPES

- Extremely low coefficient of friction
- Excellent abrasion resistance
- More economical than PTFE tapes

TYPICAL APPLICATIONS

■ BOTTLE AND CAN CONVEYING SYSTEMS

Benefits: UHMW's smooth surface prevents the clogging of bottles and cans on conveyor systems and eliminates surface damage to labels.

■ FURNITURE ASSEMBLY

Benefits: Small widths of UHMW tape are used to line areas that rollers and drawers glide on. It can also be used as an anti-friction release surface or bearing product.

■ CHUTES AND HOPPER LINERS

Benefits: UHMW tapes prevent heavy wear of chutes and hoppers while providing noise reduction.

2302 FILM – UHMW

OVERVIEW

Curbell Specialty Products 2302 is manufactured from an UHMW (Ultra High Molecular Weight) polyolefin film coated with a pressure sensitive acrylic or rubber adhesive.

APPLICATIONS

- Chute liners
- Conveyor liners
- Guide rails in glass bottling plants
- Replace desk drawer bearings

FEATURES

- Excellent abrasion resistance
- Adheres readily to most dry, clean surfaces
- Low coefficient of friction
- More economical than PTFE tapes

PERFORMANCE

PROPERTY	UNITS	2302-5R	2302-10R	2302-20R
Backing Material		Film-UHMW	Film-UHMW	Film-UHMW
Adhesive Type		Acrylic	Acrylic	Acrylic
Total Thickness	inches	.0065	.0115	.0215
Backing Thickness	inches	.0050	.0100	.0200
Adhesive Thickness	inches	.0015	.0015	.0015
Adhesion to Steel	oz/inch	45	50	50
Elongation	% at break	350	425	500
Operating Temperature	°F	-40°-225°	-40°-225°	-40°-225°
Break Strength	lbs/in	40	80	145
Dielectric Strength	volts	N/A	N/A	N/A
Color		Natural	Natural	Natural

* Values shown are typical