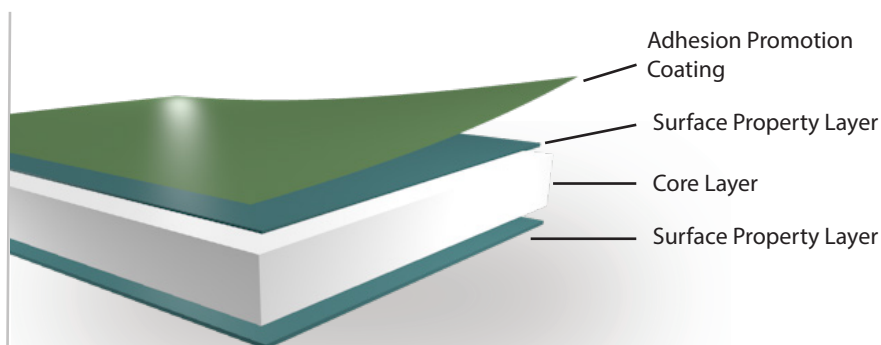


LUMIRROR[®] U503

Applications

- Solar window
- Graphic and optical
- Overlamine



ULTRA CLEAR THREE-LAYER
PET FILM, ONE SIDE COATED
FOR ADHESION PROMOTION

Summary

U503 is an ultra clear film with surface and optical properties that are strictly controlled by co-extrusion technology. One surface is in-line primer coated for adhesion promotion. This surface is hydrolysis resistant.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES
Thickness		-	0.00001"	92
Nominal Yield		-	in ² /lb	21,500
F-5	MD	ASTM D882	lb/in ²	15,200
	TD			14,500
Tensile Strength at Break	MD	ASTM D882	lb/in ²	30,900
	TD			34,700
Elongation at Break	MD	ASTM D882	%	160
	TD			140
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	1.2
	TD			0.7
Heat Shrinkage (190°C for 5 minutes)	MD	ASTM D1204	%	2.1
	TD			0.8
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ_s	0.4
			μ_b	0.4
Haze (1 sheet)		ASTM 1003	%	0.7

The product described is covered by one or more of the following patents or patents pending:
US 6706387, US 6709740

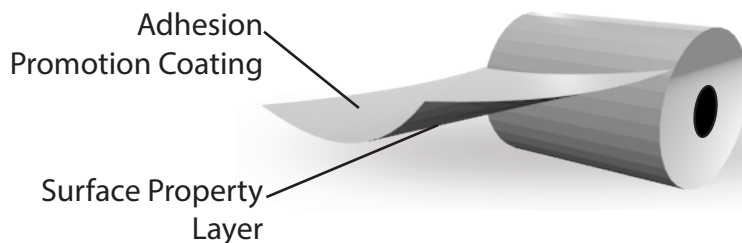
Key Features

- Co-extruded three-layer structure allows very low haze and friction
- In-line primer coating provides adhesion promotion for top coat

Similar Products

- U50
- U653

Winding Direction



* These values do not constitute specific binding specifications

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