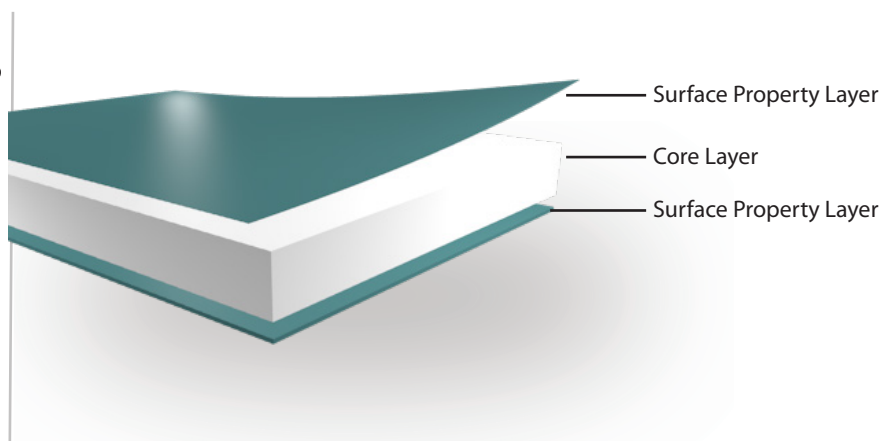


# Lumirror. U50

## Applications

- Solar window
- Graphic and optical
- Overlamine



Lumirror U50

## ULTRA CLEAR THREE LAYER PET FILM

## Summary

U50 is an ultra clear film with surface and optical properties that are strictly controlled by co-extrusion technology.

## Technical Data \*

PROPERTIES	METHOD	UNITS	TYPICAL VALUES			
Thickness	-	0.00001"	48	92	200	
Nominal Yield	-	in <sup>2</sup> /lb	41,200	21,500	9,900	
F-5	MD	ASTM D882	lb/in <sup>2</sup>	15,800	14,800	15,400
	TD			14,500	13,800	14,600
Tensile Strength at Break	MD	ASTM D882	lb/in <sup>2</sup>	39,400	29,700	26,900
	TD			36,700	32,700	31,400
Elongation at Break	MD	ASTM D882	%	120	170	170
	TD			130	150	130
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	1.6	1.2	1.0
	TD			0.8	0.4	0.8
Heat Shrinkage (190°C for 5 minutes)	MD	ASTM D1204	%	3.1	2.1	1.8
	TD			1.5	0.7	1.0
Coefficient of Friction	A-side vs. B-side	ASTM D1894	$\mu_s$	0.4	0.3	0.4
			$\mu_b$	0.5	0.4	0.4
Haze (1 sheet)		ASTM 1003	%	0.6	0.8	0.8

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

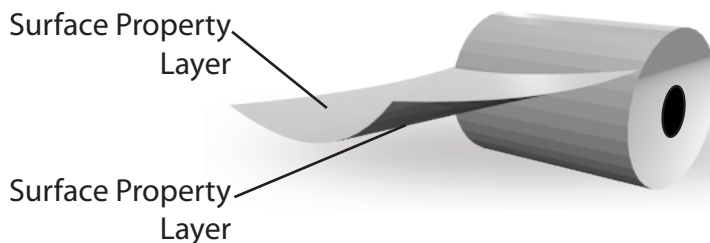
## Key Features

- Co-extruded three layer structure allows very low haze and friction

## Similar Products

- U60
- U65

## Winding Direction



\* These values do not constitute specific binding specifications

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