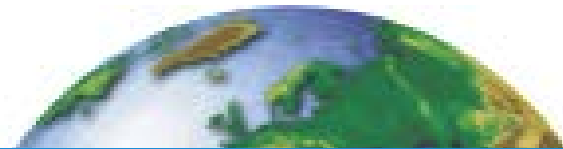


# 7333UV Clear UV Blocking Film



PRODUCT BULLETIN

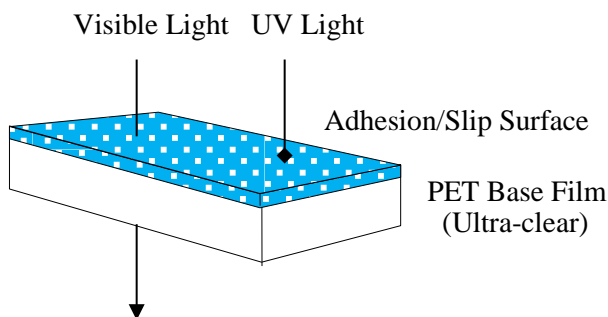
## Description

Hostaphan<sup>®</sup> 7333UV ultra-clear polyester film is chemically modified on one side for handleability and improved adhesion to acrylic hard coatings. This film is highly effective at blocking the transmission of UV radiation. It combines high strength and durability, good dimensional stability and excellent chemical resistance with very low haze.

## Performance

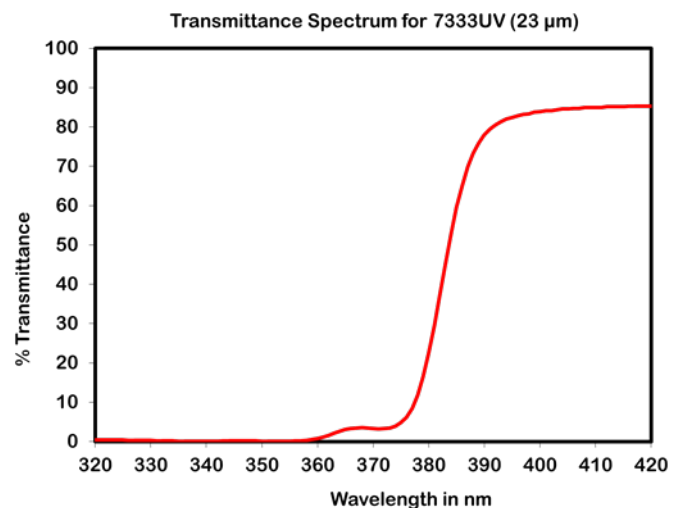
Hostaphan<sup>®</sup> 7333UV is designed for applications where UV protection with high clarity is required. This film is utilized in metallized products, solar control laminates and other applications that benefit from low haze, surface smoothness and brilliance.

## Schematic of Hostaphan<sup>®</sup> 7333UV



## Benefits

- Excellent clarity and color
- Modified surface for improved slip
- Enhanced adhesion to scratch-resistant coatings
- Reduced potential for scratching during web handling
- Retention of UV blocking capability for a least one year in outdoor applications\*
- Multiyear durability in outdoor applications\*



\* based on accelerated aging studies using QUV340 irradiation, average UV flux 78 W/m<sup>2</sup> (300-400nm integrated intensity), continuous exposure at 60°C.

## Typical Properties of Hostaphan® 7333UV Film

The Hostaphan® 7333UV property values below are typical measurements. Further guidance on series selection, functional behavior by end use, film processing, standard roll configuration and gauges is available through a Mitsubishi Polyester Film Sales Representative.

Property	Unit of Measure		Typical Value	Test Method	
Area Yield	ft <sup>2</sup> /lb	92 ga.	149.5	ASTM D 4321	
		m <sup>2</sup> /kg	30.6		
Tensile Strength	MD	psi	33,000	ASTM D 882	
		kg/cm <sup>2</sup>	2,320		
Yield Strength (F5)	MD	psi	15,500	ASTM D 882	
		kg/cm <sup>2</sup>	1,090		
Ultimate Elongation	MD	%	115	ASTM D 882	
Modulus	MD	psi	550,000	ASTM D 882	
		kg/cm <sup>2</sup>	38,700		
Coefficient of Friction (A/B)	Static	--	0.45	ASTM D 1894	
	Kinetic	--	0.40		
Shrinkage	MD	%	4.2	30 min. at 190°C	
	TD	%	1.7		
Density		g/cm <sup>3</sup>	1.395	ASTM D 1505	
Total Haze*		%	92 ga. (23 µm)	1.2	ASTM D-1003

\* Values for reference data only. Contact a Mitsubishi Polyester Film Sales Representative for actual gauges available.

Approved MG 5/16



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