

Mitsubishi Chemical America, Inc.

Product Bulletin

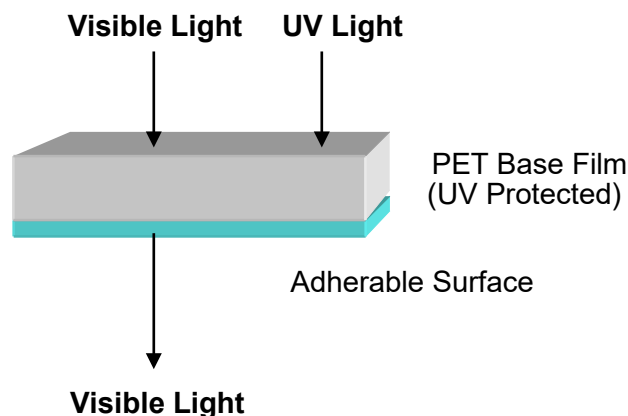
Description

Hostaphan® 7RUV is an ultra-clear polyester film that is chemically treated on one side to improve adhesion to a variety of coatings and adhesives. It combines high durability, optical clarity, and improved flatness after thermal processing. UV blocker is added to reduce UV transmission.

Performance

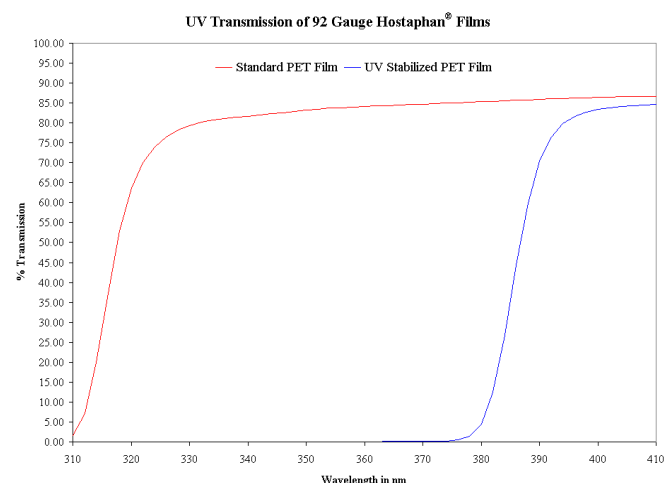
Hostaphan® 7RUV is designed for the distinct requirements of the lamination market. It is a glass-clear film with excellent color, exhibiting superior flatness through the reduction of corner-to-corner curl. 7RUV is chemically treated on one side to provide print adhesion.

Schematic of Hostaphan® 7RUV



Benefits

- Low corner to corner curl
- Superior base film flatness
- Excellent color and clarity
- Reduced potential for scratching in the laminating process



Typical Properties of Hostaphan® 7RUV Film

The Hostaphan® 7RUV 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 Polyester Film Sales Representative.

Property		Unit of Measure	Typical Value	Test Method
Area Yield		in ² •mil/lb m ² •µm/kg	19,800 717	ASTM D 4321
Tensile Strength	MD	psi kg/cm ²	30,000 2,110	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm ²	15,000 1,050	ASTM D 882
Ultimate Elongation	MD	%	150	ASTM D 882
Modulus	MD	psi kg/cm ²	500,000 35,200	ASTM D 882
Coefficient of Friction (A/B)	Kinetic	--	0.50	ASTM D 1894
Shrinkage	MD TD	%	1.2 1.5	30 min. at 150°C
Density		g/cm ³	1.395	ASTM D 1505
Total Haze*		%	92 gauge 1.2 200 " 2.0 300 " 2.8	ASTM D-1003

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

Approved SG 5/2009

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