3400 Solvent Adherable Film

Mitsubishi Chemical America, Inc.

Product Bulletin

Description

Hostaphan® 3400 is a clear polyester film that is chemically primed to provide enhanced adhesion for solvent based inks, coatings and adhesives. It provides high strength and durability, good clarity, and excellent chemical resistance.

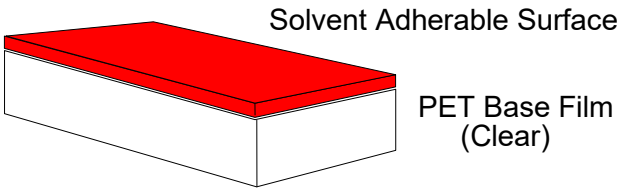
Performance

Hostaphan® 3400 is designed for markets requiring good clarity. The one side chemical primer provides slip and handling. In addition, the chemical primer allows adhesion to solvent based coatings and inks. The product can be metallized, printed and coated. It performs well in a wide variety of end-uses.

Benefits

- Adhesion promotion for solvent systems
- Good handling characteristics
- Good clarity
- Good dimensional stability

Schematic of Hostaphan® 3400



Typical Properties of Hostaphan® 3400 Film

The Hostaphan® 3400 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 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	--		0.45	ASTM D 1894
Shrinkage	MD TD	%		1.2 0.4	30 min. at 150°C
Density		g/cm^3		1.395	ASTM D 1505
Total Haze*		%	200 gauge 460 “	2.10 3.50	ASTM D-1003

* Values for reference data only. Contact a Polyester Film Sales Representative for actual gauges available.
Approved RC 12/2013

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