

4407 & 4507 Solvent Adherable Films



PRODUCT BULLETIN

Description

Hostaphan® 4407 and 4507 are ultra clear polyester films that are chemically primed to provide enhanced adhesion for solvent based inks, coatings and adhesives. They combine high durability, optical clarity and balanced shrinkage for improved flatness after thermal processing.

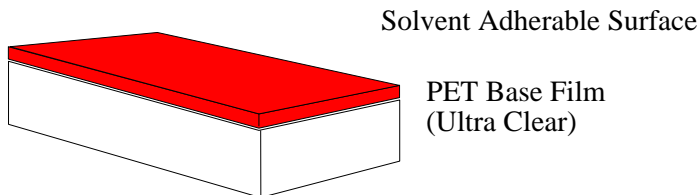
Performance

Hostaphan® 4407 and 4507 are designed for markets requiring glass-like clarity. One side or two side chemical primer provides the slip necessary to handle and wind an unfilled film. In addition, the chemical primer allows adhesion to solvent based coatings and inks. The products can be metallized, printed and coated. They perform well in a wide variety of enduses, such as labels, holographics, ID cards, printing plates, window films and reprographics.

Benefits

- Available in one side primed (4407), and two side primed (4507)
- Adhesion promotion for solvent systems
- Excellent flatness
- Excellent color and clarity

Schematic of Hostaphan® 4407



Typical Properties of Hostaphan® 4407 and 4507 Films

The Hostaphan® 4407 and 4507 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		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	%	1.0	30 min. at 150°C
	TD		1.0	
Density		g/cm ³	1.395	ASTM D 1505
Total Haze*		%		ASTM D-1003
		200 gauge	0.40	
		300 "	0.48	
		400 "	0.58	
		500 "	0.66	
	700 "	0.85		

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



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