

Mitsubishi Chemical America, Inc.

Description

Hostaphan® W54B is a white opaque polyester film, two side chemically primed for enhanced adhesion to solvent based inks and coatings. It is characterized by high mechanical strength and good dimensional stability.

Performance

Hostaphan® W54B film is designed for markets requiring whiteness and opacity. The chemical primer provides enhanced adhesion to solvent based systems. It is used in many applications including labels, pre-paid cards, and imaging as a basis for ink jet film, and as a high-quality replacement for paper as a backing in blister packs.

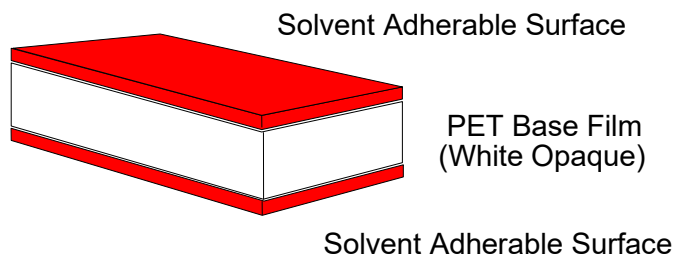
Benefits

- Whiteness and opacity
- High mechanical strength and good dimensional stability
- Enhanced adhesion for solvent based inks and coatings
- Excellent flatness

Restrictions - USA

Hostaphan® W Series films are not recommended for use with light sensitive coatings such as those containing silver halides, diazos or photopolymers without appropriate testing.

Schematic of Hostaphan® W54B



Typical Properties of Hostaphan® W54B Film

The Hostaphan® W54B 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. The following values are not binding specifications and may vary.

Property		Unit of Measure	Typical Value	Test Method
Tensile Strength	MD	psi N/mm ²	21,000 150	ASTM D 882
	TD	psi N/mm ²	31,000 240	
Yield Strength (F5)	MD	psi N/mm ²	13,000 90	ASTM D 882
	TD	psi N/mm ²	15,200 105	
Ultimate Elongation	MD	%	160	ASTM D 882
	TD		90	
Shrinkage	MD	%	1.0	DIN 40634 30 min. at 150°C
	TD		1.0	
Density		g/cm ³	1.42	ASTM D 1505
Transmission		%	200 gauge	ASTM D 1003
			700 " 4.0	
Luminance (L*)		-	200 gauge	DIN 5033
			700 " 96	
Yellowness Index		-	200 gauge	ASTM D 1925
			700 " -8.0	
Gloss		-	52	DIN 67530 Angle of measure 60°
Opacity		-	200 gauge	
			700 " 99	

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

Approved RC 5/2016

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