

## 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.

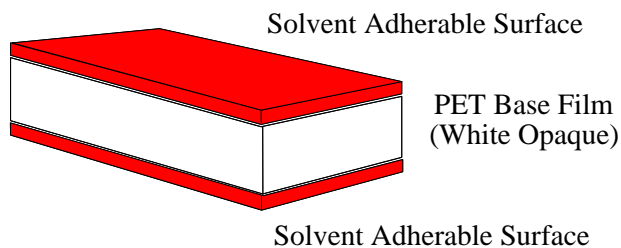
## Restrictions - USA

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.

## Benefits

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

## 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 Mitsubishi Polyester Film Sales Representative.

Property		Unit of Measure	Typical Value	Test Method
Tensile Strength	MD	psi N/mm <sup>2</sup>	21,000 150	ASTM D 882
	TD	psi N/mm <sup>2</sup>	31,000 240	
Yield Strength (F5)	MD	psi N/mm <sup>2</sup>	13,000 90	ASTM D 882
	TD	psi N/mm <sup>2</sup>	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 <sup>3</sup>	1.42	ASTM D 1505
Transmission		%	200 ga. 700	ASTM D 1003
			20.0 4.0	
Luminance (L*)		-	200 ga. 700	DIN 5033
			95 96	
Yellowness Index		-	200 ga. 700	ASTM D 1925
			-13.0 -11.0	
Gloss		-	52	DIN 67530 Angle of measure 60°
Opacity		-	200 ga. 700 ga.	90 99

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

Approved KT 8/10



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