

Mitsubishi Chemical America, Inc.

## Product Bulletin

### Description

Hostaphan® WECK is a white opaque polyester film, one side chemically primed for enhanced adhesion to solvent based inks and coatings, the other side silicone coated for premium release. It is characterized by high mechanical strength and good dimensional stability.

### Performance

Hostaphan® WECK film is designed for markets requiring whiteness and opacity. The chemical primer provides enhanced adhesion to solvent based systems and the silicone coated side provides premium release.

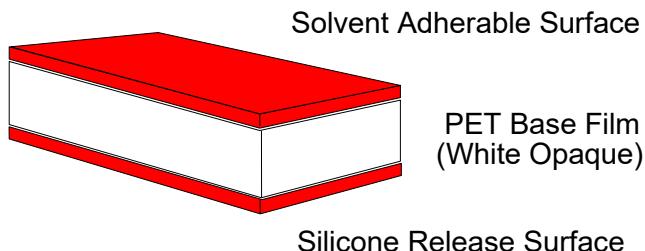
### Benefits

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

### 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® WECK



## Typical Properties of Hostaphan® WECK Film

The Hostaphan® WECK 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 <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	%	1.5	DIN 40634 30 min. at 150°C
	TD	%	0.5	
Density		g/cm <sup>3</sup>	1.42	ASTM D 1505
Transmission		%	700 gauge	4.0
Luminance (L*)		-	700 gauge	96
Yellowness Index		-	700 gauge	8.0
Opacity		-	700 gauge	99
Release		g/in	15 – 25	FINAT FTM3 (TESA 7475 Tape)

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

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Mitsubishi Chemical America, Inc. • PO Box 1400 • 2001 Hood Road • Greer, SC 29652 • 864-879-5000 • 864-879-5006 • [www.m-petfilm.com](http://www.m-petfilm.com)

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