

Mitsubishi Chemical America, Inc.

### Description

Hostaphan® 4WB5 is an ultra-clear polyester film that is chemically primed on both sides to promote adhesion to solvent-based inks and coatings. It combines high strength and durability, optical clarity, and excellent chemical resistance.

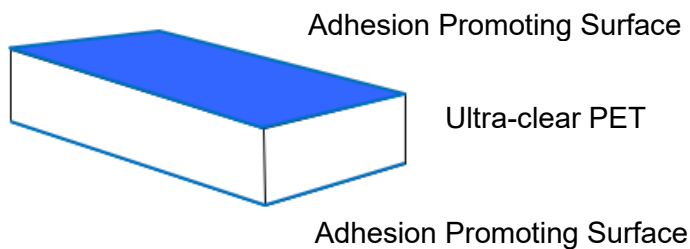
### Performance

Hostaphan® 4WB5 is designed for markets requiring high clarity, brilliance and enhanced adhesion to solvent-based inks and coatings. 4WB5 is used in window box applications.

### Benefits

- Chemically primed on both sides to promote adhesion of solvent-based inks and coatings
- Excellent clarity and gloss

### Schematic of Hostaphan® 4WB5



## Typical Properties of Hostaphan® 4WB5 Film

The Hostaphan® 4WB5 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 <sup>2</sup> •mil/lb m <sup>2</sup> •µm/kg	19,800 717	ASTM D 4321
Tensile Strength	MD	psi kg/cm <sup>2</sup>	31,000 2,180	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm <sup>2</sup>	15,500 1,090	ASTM D 882
Ultimate Elongation	MD	%	115	ASTM D 882
Modulus	MD	psi kg/cm <sup>2</sup>	550,000 38,700	ASTM D 882
Coefficient of Friction (A/B)	Static	--	0.40	ASTM D 1894
	Kinetic	--	0.36	
Shrinkage	MD	%	2.5 max.	30 min. at 150°C
	TD		2.5 max.	
Density		g/cm <sup>3</sup>	1.395	ASTM D 1505
Total Haze*		%	142 gauge	ASTM D-1003
			200	
			300	
			400	
			500	
			700	

\* 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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