



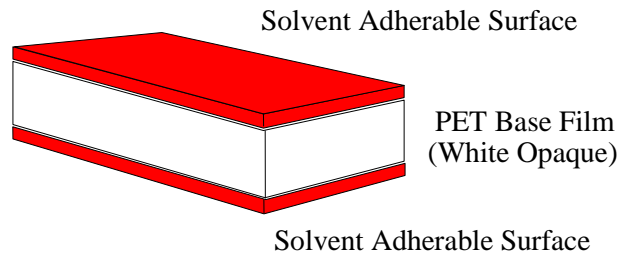
Description

Hostaphan® V54B is a translucent polyester film with a pearlescent appearance and high gloss surface. It is available two side chemically primed for enhanced adhesion to a variety of inks, coatings, and adhesives.

Performance

Hostaphan® V54B film is designed for markets requiring translucent film. This film is used in label applications, including metallized labels.

Schematic of Hostaphan® V54B



Benefits

- Pearlescent appearance
- High gloss surface
- Lower density allows higher area yield than conventional polyester film
- Good dimensional stability
- Excellent handling characteristics

Typical Properties of Hostaphan® V54B Film

The Hostaphan® V54B 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
Nominal Thickness*		gauge	200	ASTM E 252
		micron	50	
Total Transmission		%	62	ASTM D 1003
Optical Density		-	0.41	Densitometer
20° Gloss (side A) (side B)		%	78	Gloss Meter
			70	
60° Gloss (side A) (side B)		%	108	
			104	
Area Yield		1000 in ² /lb	10.1	ASTM D 4321
		m ² /kg	14.4	
Tensile Strength	MD	psi	27,000	ASTM D 882
		kg/cm ²	2,320	
	TD	psi	30,000	
		kg/cm ²	2,390	
Modulus	MD	psi	480,000	ASTM D 882
		kg/cm ²	33,750	
	TD	psi	560,000	
		kg/cm ²	39,370	
Ultimate Elongation	MD	%	160	ASTM D 882
	TD		100	
Shrinkage	MD	%	1.2	30 min. at 150°C
	TD		1.0	
Coefficient of Friction (A/B)	Kinetic	-	0.34	ASTM D 1894
	Static	-	0.34	
Density		g/cm ³	1.364	ASTM D 1505

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

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