

Mitsubishi Chemical America, Inc.

#### Description

Hostaphan® 3LD4 is a clear polyester film that is chemically primed on one side to promote adhesion to solvent based inks and coatings. It combines high strength and durability, good clarity, and excellent chemical resistance.

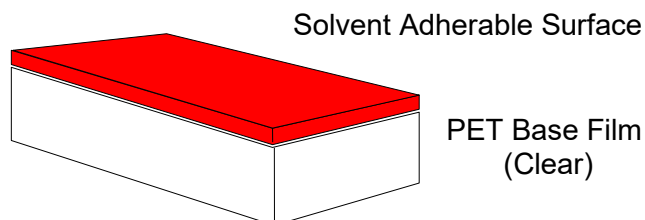
#### Performance

Hostaphan® 3LD4 is designed for markets requiring good clarity and solvent adherability. 3LD4 is designed for use in label and decal applications and can be metallized, printed, and coated.

#### Benefits

- Chemically primed on one side to promote adhesion of solvent-based inks and coatings
- Good clarity
- Good slip characteristics

#### Schematic of Hostaphan® 3LD4



## Typical Properties of Hostaphan® 3LD4 Film

The Hostaphan® 3LD4 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	%	150	ASTM D 882
Modulus	MD	psi kg/cm <sup>2</sup>	500,000 35,200	ASTM D 882
Coefficient of Friction (A/B)	Static Kinetic	--	0.36 0.34	ASTM D 1894
Shrinkage	MD TD	%	1.8 0.4	30 min. at 150°C
Density		g/cm <sup>3</sup>	1.395	ASTM D 1505
Total Haze*		%	92 gauge 1.6 142 " 2.1 200 " 2.7 300 " 3.4 400 " 4.1	ASTM D 1003

\* Values for reference data only. Contact a Polyester Film Sales Representative for actual gauges available.  
Approved RC 5/2016

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