

Mitsubishi Chemical America, Inc.

## Description

Hostaphan® 3901 is a clear polyester film, chemically treated on one side to reduce potential for scratching and improve handleability and roll quality. It combines high strength and durability, optical clarity, and excellent chemical resistance.

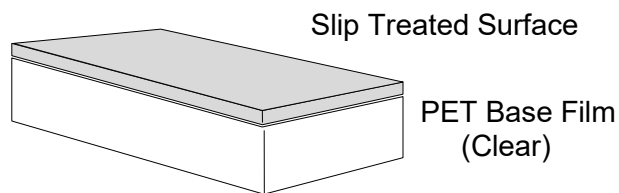
## Performance

Hostaphan® 3901 provides a unique balance between clarity and handling characteristics. It can be metallized, printed and dyed. It is used in a wide variety of enduses, such as labels, copier belts, laminating, and drafting film.

## Benefits

- Good handling characteristics
- Good clarity
- Reduced potential for scratching
- Good dimensional stability

## Schematic of Hostaphan® 3901



## Typical Properties of Hostaphan® 3901 Film

The Hostaphan® 3901 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>	30,000 2110	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm <sup>2</sup>	15,000 1050	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)	Kinetic	--	0.40	ASTM D 1894
Shrinkage	MD TD	%	1.2 0.4	30 min. at 150°C
Density		g/cm <sup>3</sup>	1.395	ASTM D 1505
Total Haze*		%	200 gauge 2.1 300 " 2.5 400 " 2.9 500 " 3.3	ASTM D-1003

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