

Mitsubishi Chemical America, Inc.

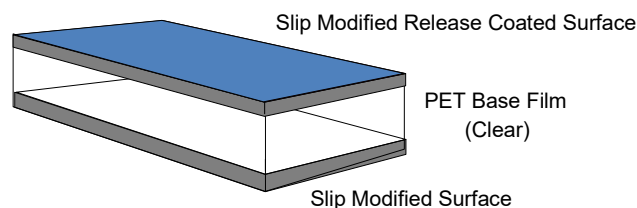
### Description

Hostaphan® 4365NK polyester film is release coated on one side. Along with high strength, flexibility, and chemical resistance, this product provides excellent slip and good dimensional stability over a wide temperature range. FDA end uses are not permitted since this product has not been tested for food and drug use applications.

### Performance

The release coating on Hostaphan® 4365NK has been designed for optimum release from typical window liner adhesives.

### Schematic of Hostaphan® 4365NK



### Product Safety Information

#### **WARNING:**

Release coated film is very slippery. Do not discard scrap film on the floor. Injury may result if stepped on.

### Benefits

- Excellent handling characteristics
- Clear distortion free coating
- Ultra-thin, highly cured coating which does not smear
- Low static, suitable for solvent coating environment
- Excellent clarity and color
- Provides very consistent release
- Better than 95% subsequent adhesion
- Excellent flatness
- Release surface suitable for adhesive transfer coating

## Typical Properties of Hostaphan® 4365NK Film

The Hostaphan® 4365NK 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		ft <sup>2</sup> /lb m <sup>2</sup> /kg	23 µm (92 gauge) 149.5 30.6	ASTM D 4321
Tensile Strength	MD	psi kg/cm <sup>2</sup>	30,000 2,100	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm <sup>2</sup>	15,000 1,050	ASTM D 882
Ultimate Elongation	MD	%	115	ASTM D 882
Modulus	MD	psi kg/cm <sup>2</sup>	490,000 34,500	ASTM D 882
Shrinkage	MD TD	%	2.1 0	30 min. at 150°C
Density		g/cm <sup>3</sup>	1.395	ASTM D 1505
Total Haze		%	23 µm (92 gauge) 2.0	ASTM D-1003
Release from Coated Side		g/in	4.5	T-Peel from proprietary acrylic @ 20 in/min (non-aged)
Smear		--	None	Haze observed when rubbed once with index finger
Rub-off		--	None	Coating removed when rubbed hard with index finger

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

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)

Hostaphan is a registered trademark of Hoechst AG and is licensed to Mitsubishi Chemical America, Inc. The information contained herein is believed to be true and accurate, but all data, recommendations and suggestions are provided without guarantee, since the conditions of use are beyond our control and can affect the performance and properties of our products. The user is solely responsible for confirming that our product is suitable for the intended end use, and for compliance with all legal regulations and patents. Other than compliance with published Mitsubishi Chemical America, Inc. specifications for one year following purchase, if properly handled, and except as required by law, MITSUBISHI CHEMICAL AMERICA, INC. MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If a product is found to be non-conforming during the warranty period, user's sole remedy and our sole obligation is, at our option, replacement of the affected product or refund of the purchase price. Except as required by law, we are not liable for any damage, harm or loss resulting from our product, whether direct, indirect, consequential, incidental or special, and irrespective of legal theory asserted, including strict liability, contract, warranty, or negligence.

©2000 – 2008, 2016, 2021, 2022 Mitsubishi Chemical America Inc. All rights reserved.