

Mitsubishi Chemical America, Inc.

Product Bulletin

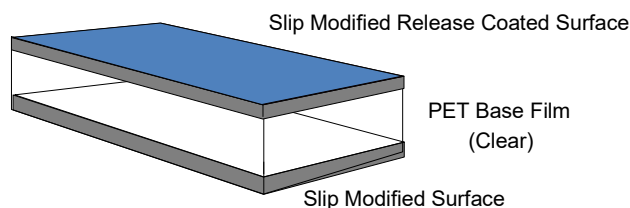
Description

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 ² /lb m ² /kg	23 µm (92 gauge) 149.5 30.6	ASTM D 4321
Tensile Strength	MD	psi kg/cm ²	30,000 2,100	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm ²	15,000 1,050	ASTM D 882
Ultimate Elongation	MD	%	115	ASTM D 882
Modulus	MD	psi kg/cm ²	490,000 34,500	ASTM D 882
Shrinkage	MD TD	%	2.1 0	30 min. at 150°C
Density		g/cm ³	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

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