

Mitsubishi Chemical America, Inc.

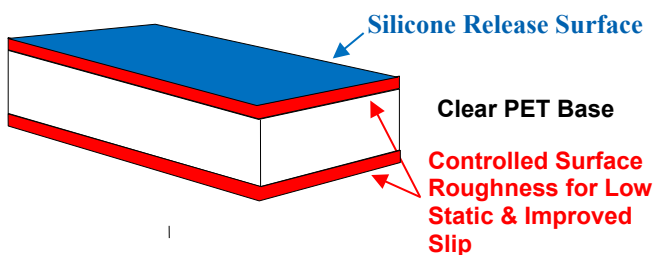
Description

Hostaphan[®] 43MLK polyester film is release coated on one side and designed for tight release from solar control film adhesives. 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[®] 43MLK has been designed for optimum, tight release from solar control film adhesives.

Schematic of Hostaphan[®] 43MLK



Benefits

- Excellent handling characteristics
- 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

Product Safety Information

WARNING:

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

Typical Properties of Hostaphan® 43MLK Film

The Hostaphan® 43MLK 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 ² •mil/lb m ² •µm/kg	19,800 717	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	%	120	ASTM D 882
Modulus	MD	psi kg/cm ²	550,000 38,700	ASTM D 882
Shrinkage	MD TD	%	2.0 0.0	30 min. at 150°C
Density		g/cm ³	1.395	ASTM D 1505
Total Haze		% 92 gauge	2.5	ASTM D-1003
Release from Coated Side		g/in	50	TESA 7475 unsupported T-peel @ 12 in/min
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 6/2016

Mitsubishi Chemical America, Inc. • PO Box 1400 • 2001 Hood Road • Greer, SC 29652 • 864-879-5000 • 864-879-5006 • www.m-petfilm.com

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