

Mitsubishi Chemical America, Inc.

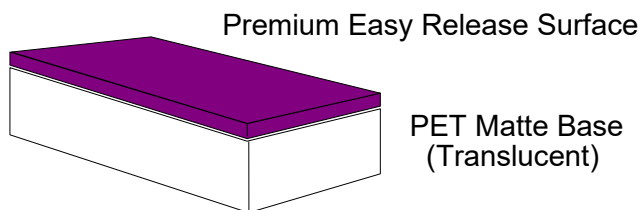
Description

Hostaphan® MTHLK polyester film is a single-side coated matte release film. Along with high strength, flexibility, and chemical resistance, this product provides excellent slip and good dimensional stability over a wide temperature range.

Performance

The release coating on Hostaphan® MTHLK has been designed for optimum easy release from typical solar control film pressure-sensitive adhesives.

Schematic of Hostaphan® MTHLK



Benefits

- Excellent handling characteristics
- Clear distortion free coating
- Ultra-thin, highly cured coating which does not smear
- Matte surface opposite release surface aids in roll formation of laminates using soft facestocks
- Low static, suitable for solvent coating environment
- Provides very consistent release
- Better than 95% subsequent adhesion
- Excellent flatness

Typical Properties of Hostaphan® MTHLK Film

The Hostaphan® MTHLK 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
Nominal Thickness*		gauge	142 200 350	ASTM E 252
Total Transmission		%	350 gauge 70	ASTM D 1003
60° Gloss		%	350 gauge 20-30	Gloss Meter
Area Yield		in ² / lb	92 gauge 21,524	ASTM D 4321
Tensile Strength	MD TD	psi psi	26,000 34,000	ASTM D 882
Modulus	MD TD	psi psi	450,000 470,000	ASTM D 882
Ultimate Elongation	MD TD	%	150 120	ASTM D 882
Shrinkage		MD TD	% 1.3 0.4	30 min. at 150°C
Density		g/cm ³	1.40	ASTM D 1505
Release		g/in	5.5	T-peel from laminate @ 20 in/min (non-aged)

* Values for reference data only. Contact a Polyester Film Sales Representative for actual gauges available.
Approved MG 6/2016

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