4375K Very Clear Release Liner Film

Mitsubishi Chemical America, Inc.

Product Bulletin

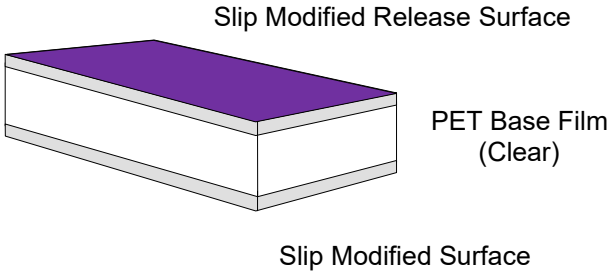
Description

Hostaphan™ 4375K polyester film is silicone coated on one side for easy release. 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™ 4375K has been designed for optimum release from typical window film adhesives.

Schematic of Hostaphan™ 4375K



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
- Excellent flatness
- Release surface suitable for adhesive transfer coating

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™ 4375K Film

The Hostaphan™ 4375K 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	%		130	ASTM D 882
Modulus	MD	psi kg/cm^2		500,000 35,150	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	1.8	ASTM D-1003
Release from Coated Side (Non-aged)		g/in		4.5	T-Peel from Laminate @ 20 in/min (0.5 m/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.
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