

Mitsubishi Chemical America, Inc.

Description

Hostaphan® 3ACK 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.

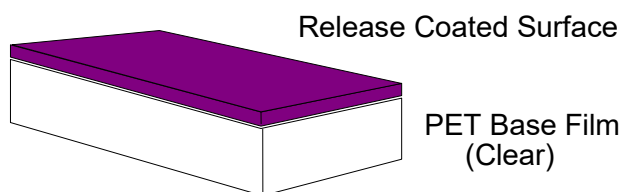
Performance

The release coating on Hostaphan® 3ACK has been uniquely designed to release aqueous ceramic cast coatings commonly used in the electronics industry.

Benefits

- Excellent handling characteristics
- Clear distortion free coating
- Ultra-thin, highly cured coating which does not smear

Schematic of Hostaphan® 3ACK



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® 3ACK Film

The Hostaphan® 3ACK 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 •mm/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	%	115	ASTM D 882	
Modulus	MD	psi kg/cm ²	550,000 38,700	ASTM D 882	
Coefficient of Friction	Kinetic	--	0.4	ASTM D 1894	
Shrinkage	MD TD	%	1.5 0.4	30 min. at 150°C	
Density		g/cm ³	1.395	ASTM D 1505	
Total Haze		%	200 gauge	2.8	ASTM D-1003
Release from Coated Side		g/in	< 500	T-peel from proprietary acrylic adhesive	
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 RC 6/2018

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