

Mitsubishi Chemical America, Inc.

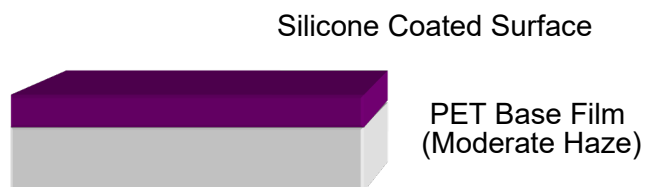
Description

Hostaphan® 215KN polyester film is silicone coated on one side. This special silicone coating is formulated to give premium release from selected solvent-based adhesives. Along with high strength, flexibility, and chemical resistance, this product provides excellent slip and good dimensional stability over a wide temperature range.

Performance

The silicone coating on Hostaphan® 215KN is specially treated prior to winding. This silicone formulation provides premium release from certain solvent-based adhesives.

Schematic of Hostaphan® 215KN



Benefits

- Minimum silicone rub-off
- Provides very consistent release level with aging
- Excellent handling characteristics
- Clear distortion free coating
- Ultra-thin, highly cured coating which does not smear
- Better than 95% subsequent adhesion
- No static induced defects (Newton Rings)

WARNING:

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

Typical Properties of Hostaphan® 215KN Film

The Hostaphan® 215KN 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	%	115	ASTM D 882
Modulus	MD	psi kg/cm ²	550,000 38,700	ASTM D 882
Coefficient of Friction A/B	Kinetic	--	0.20	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*		%	106 gauge 118 " 4.0 142 " 4.5 300 " 8.0	ASTM D-1003

SILICONE FUNCTIONALITY

Release		g/in	< 20	T-peel from TESA 7475 tape
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 3/2016

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