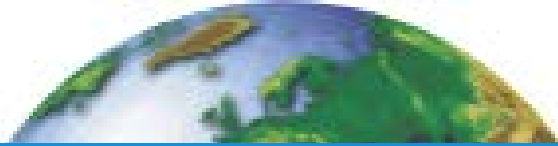


# 215KN Premium Release Silicone Coated Film



## PRODUCT BULLETIN

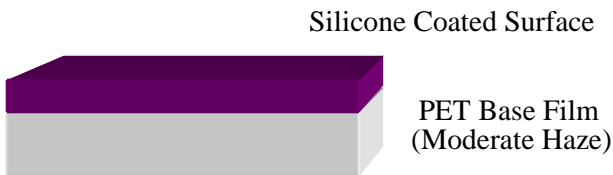
### Description

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 Mitsubishi Polyester Film Sales Representative.

Property		Unit of Measure	Typical Value	Test Method
Area Yield		in <sup>2</sup> •mil/lb m <sup>2</sup> •µm/kg	19,800 717	ASTM D 4321
Tensile Strength	MD	psi kg/cm <sup>2</sup>	30,000 2,100	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm <sup>2</sup>	15,000 1,050	ASTM D 882
Ultimate Elongation	MD	%	115	ASTM D 882
Modulus	MD	psi kg/cm <sup>2</sup>	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 <sup>3</sup>	1.395	ASTM D 1505
Total Haze*		%	106 ga. 3.7 118 " 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 Mitsubishi Polyester Film Sales Representative for actual gauges available.

Approved RC 3/2016



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