

447CRL Clear Non-Silicone Release Liner



PRODUCT BULLETIN

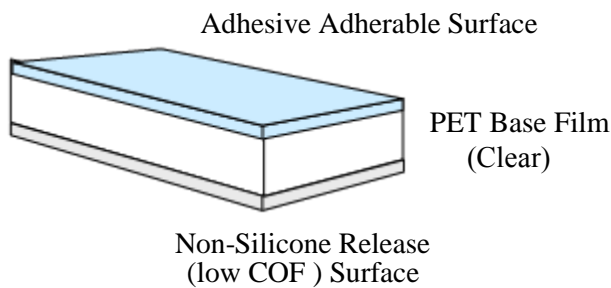
Description

Hostaphan® 447CRL polyester film is chemically primed on one side for adhesive release and low coefficient of friction (COF) and chemically primed on the opposite side for adhesion promotion. This product combines high strength and flexibility, good dimensional stability, and excellent chemical resistance for clear release film needs.

Performance

Hostaphan® 447CRL has excellent low slip friction properties and good dimensional stability over a wide temperature range. This product is designed specifically for use in self-wound cover tape applications.

Schematic of Hostaphan® 447CRL



Benefits

- Available in 92, 142, and 200 gauge
- Excellent handling characteristics
- High Clarity
- Non-Silicone Release
- Excellent for self-wound adhesive applications
- No powder generating from release side

Typical Properties of Hostaphan® 447CRL Film

The Hostaphan® 447CRL 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
Thickness Available		gauge microns	92, 142, 200 23, 36, 50	ASTM E 252
Area Yield		in ² •mil/lb m ² •mm/kg	19,800 717	ASTM D 4321
Tensile Strength	MD TD	psi psi	26,000 33,000	ASTM D 882
Ultimate Elongation	MD TD	% %	85 67	ASTM D 882
Modulus	MD TD	psi psi	617,000 542,000	ASTM D 882
Coefficient of Friction	Kinetic	--	Side 1: 2 0.15 - 0.55	ASTM D 1894
Shrinkage	MD TD	%	1.7 0.4	30 min. at 150°C
Density		g/cm ³	1.4	ASTM D 1505
Total Haze*		%	92 ga. 1.8 142 ga. 2.2 200 ga. 2.6	ASTM D-1003

*Values for reference data only. Contact a Mitsubishi Polyester Film Sales Representative for actual gauges available.

Approved KY 8/14



PO Box 1400 • Hood Road • Greer SC 29652 • 864-879-5000 • 864-879-5006 • www.m-petfilm.com

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