

39RL Release Film



PRODUCT BULLETIN

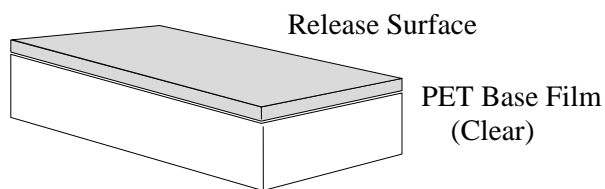
Description

Hostaphan® 39RL is a clear polyester film, chemically treated on one side to provide a non-silicone release surface and improve handleability and roll quality. It combines high strength and durability, optical clarity and excellent chemical resistance.

Performance

Hostaphan® 39RL provides a unique balance between clarity and handling characteristics. It is designed for use in applications that require release without backside transfer.

Schematic of Hostaphan® 39RL



Benefits

- Non-Silicone release
- Good handling characteristics
- Good clarity
- Reduced potential for scratching
- Good dimensional stability
- Available gauges: 200, 300

Typical Properties of Hostaphan® 39RL Film

The Hostaphan® 39RL 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 ² •mil/lb m ² •µm/kg	19,800 717	ASTM D 4321	
Tensile Strength	MD	psi kg/cm ²	30,000 2110	ASTM D 882	
Yield Strength (F5)	MD	psi kg/cm ²	15,000 1050	ASTM D 882	
Ultimate Elongation	MD	%	150	ASTM D 882	
Modulus	MD	psi kg/cm ²	500,000 35,200	ASTM D 882	
Coefficient of Friction (A/B)	Kinetic	--	0.40	ASTM D 1894	
Shrinkage	MD TD	%	1.2 0.4	30 min. at 150°C	
Density		g/cm ³	1.395	ASTM D 1505	
Total Haze*		%	200 gauge 300 "	2.2 2.5	ASTM D-1003

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

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