

4TL0N High Clarity Slip Modified Film



PRODUCT BULLETIN

Description

Hostaphan® 4TL0N is a very clear polyester film that is slip modified on both sides for improved handling and windability. It combines high strength and durability with good dimensional stability and excellent chemical resistance.

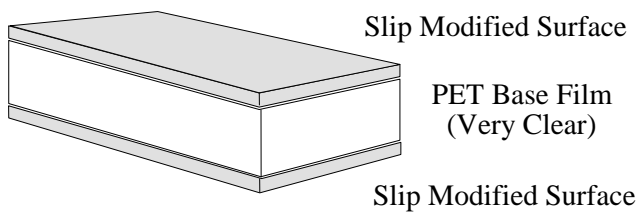
Performance

Hostaphan® 4TL0N is designed for use in thermal laminations where optical properties, flatness and machineability are critical.

Benefits

- Good clarity and color
- Modified surface for improved slip
- Good flatness for low cross corner curl
- Reduced potential for scratching

Schematic of Hostaphan® 4TL0N



Typical Properties of Hostaphan® 4TL0N Film

The Hostaphan® 4TL0N 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 •mm/kg	19,800 717	ASTM D 4321
Tensile Strength	MD	psi kg/cm ²	28,000 1,970	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm ²	15,500 1,090	ASTM D 882
Ultimate Elongation	MD	%	125	ASTM D 882
Modulus	MD	psi kg/cm ²	460,000 32,300	ASTM D 882
Coefficient of Friction (A/B)	Static Kinetic	--	0.40 0.35	ASTM D 1894
Shrinkage	MD TD	%	1.5 1.5	30 min. at 150°C
Density		g/cm ³	1.395	ASTM D 1505
Total Haze*		%	92 gauge 200 “ 265 “	1.8 2.7 3.3 ASTM D-1003

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

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