

2US0N Shrink Film



PRODUCT BULLETIN

Description

Hostaphan® 2US0N is an untreated polyester film. It combines high strength, durability, and excellent chemical resistance with an unbalanced high shrinkage.

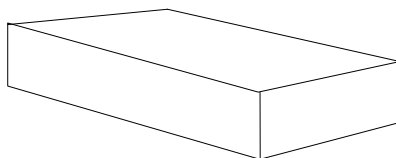
Performance

Hostaphan® 2US0N has excellent slip and handles well even in the thinnest gauges. It is designed for use in applications that require a high, unbalanced MD/TD shrinkage.

Benefits

- Unbalanced high shrinkage
- Excellent handling characteristics
- Available gauges: 120, 200, 300

Schematic of Hostaphan® 2US0N



PET Base Film
(Moderate Haze)

Typical Properties of Hostaphan® 2US0N Film

The Hostaphan® 2US0N 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	33,000 2,300	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm ²	14,000 1,000	ASTM D 882
Ultimate Elongation	MD TD	%	90 60	ASTM D 882
Modulus	MD	psi kg/cm ²	500,000 35,000	ASTM D 882
Coefficient of Friction A/B	Static Kinetic	--	0.40 0.36	ASTM D 1894
Shrinkage	MD	%	3.0	5 min. at 75°C
	TD		3.0	
	MD	%	20.0	5 min. at 105°C
	TD		30.0	
	MD	%	23.0	5 min. at 150°C
TD		38.0		
MD	%	25.0	5 min. at 175°C	
TD		40.0		
MD	%	27.0	5 min. at 190°C	
TD		42.0		
Density		g/cm ³	1.395	ASTM D 1505
Total Haze*		%	120 ga.	ASTM D-1003
			200 ga.	
			300 ga.	

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

Approved ZL 8/09



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