

Description

Hostaphan® 460L and 466L are ultra clear polyester films that are chemically primed to provide enhanced adhesion for both aqueous and solvent based inks, coatings and adhesives. They combine high durability, optical clarity and balanced shrinkage for improved flatness after thermal processing.

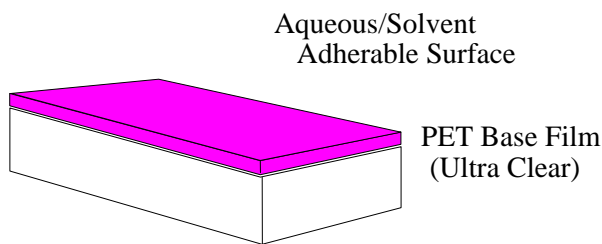
Performance

Hostaphan® 460L and 466L are designed to meet the needs of a changing market as more industries move to aqueous coating and printing systems. These are glass-clear products with one or two side chemical primer to provide the slip necessary to handle and wind an unfilled film. The chemical primer promotes adhesion to water based and solvent based coatings and inks. These products can be metallized, printed and coated for use in a wide variety of enduses, such as labels and reprographics.

Benefits

- Available in one side primed (460L) and two side primed (466L)
- Adhesion promotion for aqueous and solvent systems
- Excellent flatness
- Excellent color and clarity
- Environmentally friendly

Schematic of Hostaphan® 460L



Typical Properties of Hostaphan® 460L and 466L Films

The Hostaphan® 460L and 466L 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 2,110	ASTM D 882	
Yield Strength (F5)	MD	psi kg/cm ²	15,000 1,050	ASTM D 882	
Modulus	MD	psi kg/cm ²	500,000 35,200	ASTM D 882	
Coefficient of Friction (A/B)	Kinetic	--	0.45	ASTM D 1894	
Shrinkage	MD TD	%	1.0 0.0	30 min. at 150°C	
Density		g/cm ³	1.395	ASTM D 1505	
Total Haze*		%	142 gauge 200 " 380 " 460 " 650 "	0.35 0.40 0.50 0.60 0.70	ASTM D-1003

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



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