

Description

Hostaphan[®] 4407 is an ultra-clear polyester film that is chemically treated for enhanced adhesion to solvent-based inks, coatings or adhesives along with outstanding handling and winding characteristics. It combines high durability and optical clarity with balanced shrink for excellent flatness after thermal processing.

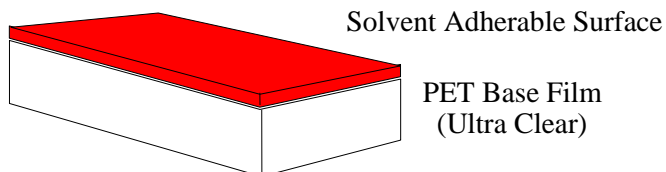
Performance

Hostaphan[®] 4407 is designed for applications requiring glass-like clarity. The chemical treatment also improves slip for enhanced handling and windability. Hostaphan[®] 4407 demonstrates excellent adhesion to solvent-based inks, coatings, and adhesives. It is used in a wide variety of applications such as labels, metallized film, ID cards, holographics, printing plates, and reprographics.

Benefits

- Ultra-clear unfilled PET film, chemically treated on one side for adhesion to solvent-based systems
- Class leading handling and winding properties in ultra-clear PET films
- Exceptional flatness
- Excellent color and clarity

Schematic of Hostaphan[®] 4407



Typical Properties of Hostaphan® 4407 Film

The Hostaphan® 4407 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	27,000 1,900	ASTM D 882
Yield Strength (F5)	MD	psi kg/cm ²	15,000 1,050	ASTM D 882
Ultimate Elongation	MD	%	150	ASTM D 882
Modulus	MD	psi kg/cm ²	400,000 28,100	ASTM D 882
Coefficient of Friction (A/B)	Kinetic	--	0.35	ASTM D 1894
Shrinkage	MD TD	%	1.0 1.0	30 min. at 150°C
Density		g/cm ³	1.395	ASTM D 1505
Total Haze*		%	200 gauge 0.45 300 " 0.50 400 " 0.55 500 " 0.65 700 " 1.0	ASTM D-1003

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

Approved MG 5/2016



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

Hostaphan is a registered trademark of Hoechst AG and is licensed to Mitsubishi Polyester Film, Inc. The information contained herein is believed to be true and accurate, but all data, recommendations and suggestions are provided without guarantee, since the conditions of use are beyond our control and can affect the performance and properties of our products. The user is solely responsible for confirming that our product is suitable for the intended end use, and for compliance with all legal regulations and patents. Other than compliance with published Mitsubishi Polyester Film, Inc. specifications for one year following purchase, and except as required by law, MITSUBISHI POLYESTER FILM, INC. MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If a product is found to be defective during the warranty period, user's sole remedy and our sole obligation is, at our option, replacement of the affected product or refund of the purchase price. Except as required by law, we are not liable for any damage, harm or loss resulting from our product, whether direct, indirect, consequential, incidental or special, and irrespective of legal theory asserted, including strict liability, contract, warranty, or negligence.

©2012 – 2014, 2016 Mitsubishi Polyester Film, Inc. All rights reserved.