7RUV
UV Adherable Film

Mitsubishi Chemical America, Inc.

Product Bulletin

Description

Hostaphan™ 7RUV is an ultra-clear polyester film that is chemically treated on one side to improve adhesion to a variety of coatings and adhesives. It combines high durability, optical clarity, and improved flatness after thermal processing. UV blocker is added to reduce UV transmission.

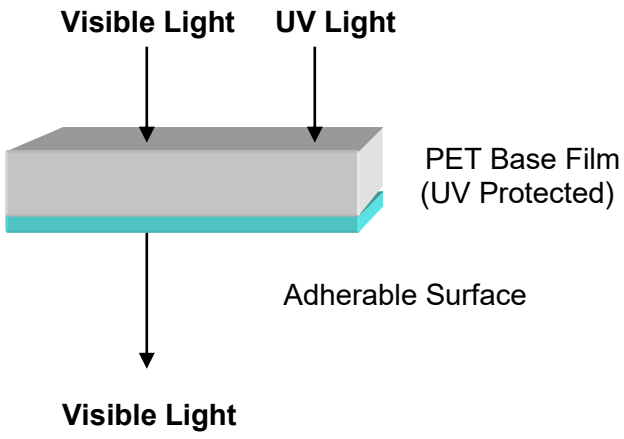
Performance

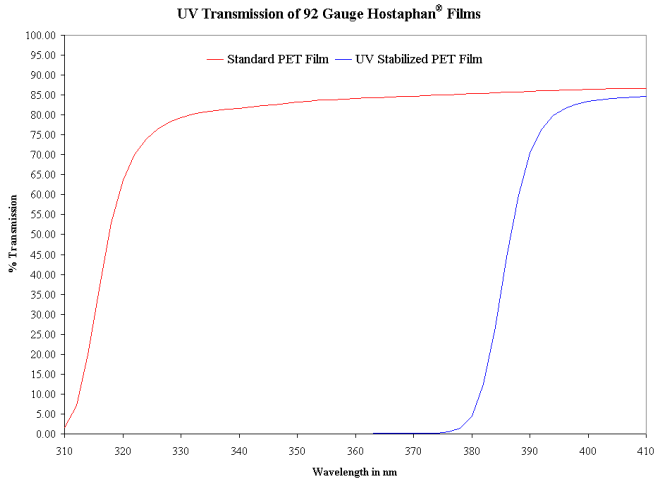
Hostaphan™ 7RUV is designed for the distinct requirements of the lamination market. It is a glass-clear film with excellent color, exhibiting superior flatness through the reduction of corner-to-corner curl. 7RUV is chemically treated on one side to provide print adhesion.

Benefits

- Low corner to corner curl
- Superior base film flatness
- Excellent color and clarity
- Reduced potential for scratching in the laminating process

Schematic of Hostaphan™ 7RUV





Typical Properties of Hostaphan™ 7RUV Film

The Hostaphan™ 7RUV 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 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
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	--	0.50	ASTM D 1894
Shrinkage	MD TD	%	1.2 1.5	30 min. at 150°C
Density		g/cm^3	1.395	ASTM D 1505
Total Haze*		%	92 gauge 1.2 200 " 2.0 300 " 2.8	ASTM D-1003

* Values for reference data only. Contact a Polyester Film Sales Representative for actual gauges available.
Approved SG 5/2009

Mitsubishi Chemical America, Inc. • PO Box 1400 • 2001 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 Chemical America, 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 Chemical America, Inc. specifications for one year following purchase, if properly handled, and except as required by law, MITSUBISHI CHEMICAL AMERICA, 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 non-conforming 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.

©2000, 2008, 2021, 2022 Mitsubishi Chemical America, Inc. All rights reserved.