

Description

Hostaphan® WECK is a white opaque polyester film, one side chemically primed for enhanced adhesion to solvent based inks and coatings, the other side silicone coated for premium release. It is characterized by high mechanical strength and good dimensional stability.

Performance

Hostaphan® WECK film is designed for markets requiring whiteness and opacity. The chemical primer provides enhanced adhesion to solvent based systems and the silicone coated side provides premium release.

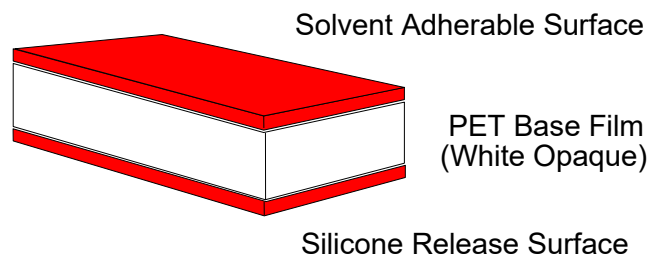
Restrictions - USA

Hostaphan® W Series films are not recommended for use with light sensitive coatings such as those containing silver halides, diazos or photopolymers without appropriate testing.

Benefits

- Whiteness and opacity
- High mechanical strength and good dimensional stability
- Enhanced adhesion for solvent based inks and coatings
- Silicone release

Schematic of Hostaphan® WECK



Typical Properties of Hostaphan® WECK Film

The Hostaphan® WECK 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 Polyester Film Sales Representative. The following values are not binding specifications and may vary.

Property		Unit of Measure	Typical Value	Test Method
Tensile Strength	MD	psi N/mm ²	21,000 150	ASTM D 882
	TD	psi N/mm ²	31,000 240	
Yield Strength (F5)	MD	psi N/mm ²	13,000 90	ASTM D 882
	TD	psi N/mm ²	15,200 105	
Ultimate Elongation	MD	%	160	ASTM D 882
	TD		90	
Shrinkage	MD	%	1.5	DIN 40634 30 min. at 150°C
	TD		0.5	
Density		g/cm ³	1.42	ASTM D 1505
Transmission		%	700 gauge 4.0	ASTM D 1003
Luminance (L*)		-	700 gauge 96	DIN 5033
Yellowness Index		-	700 gauge 8.0	ASTM D 1925
Opacity		-	700 gauge 99	
Release		g/in	15 – 25	FINAT FTM3 (TESA 7475 Tape)

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

Approved DJ 3/2023

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.

©2023 Mitsubishi Chemical America, Inc. All rights reserved.