MT022K
Matte Release Liner

Mitsubishi Chemical America, Inc.

Product Bulletin

Description

Hostaphan™ MT022K is a two-side silicone coated matte polyester release film with a medium gloss surface. The film is designed to give low release force from both sides with extremely low silicone transfer on a controlled shrink base for use with high temperature and pressure applications.

Performance

Hostaphan™ MT022K film is designed for markets requiring a matte surface, translucent opacity for optical detection, low release from both sides, low silicone transfer, and controlled shrink at high temperature.

Benefits

- Medium gloss surface
- Good dimensional stability
- Excellent handling characteristics
- Low TD shrinkage
- 2-side premium release
- Low silicone transfer
- Standard gauge: 92 (23 µm)

Schematic of Hostaphan™ MT022K

Premium Easy Release Surface

PET Matte Base
(Translucent)

Premium Easy Release Surface

Typical Properties of Hostaphan™ MT022K Film

The Hostaphan™ MT022K 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.

Property		Unit of Measure		Typical Value	Test Method
Nominal Thickness*		gauge		92	ASTM E 252
Total Transmission		%	92 gauge	86	ASTM D 1003
60° Gloss		%	92 gauge.	35	Gloss Meter
Area Yield		in^2/ lb	92 gauge	21,524	ASTM D 4321
Tensile Strength	MD TD	psi psi		26,000 34,000	ASTM D 882
Modulus	MD TD	psi psi		440,000 560,000	ASTM D 882
Ultimate Elongation	MD TD	%		120 100	ASTM D 882
Shrinkage		MD TD	%	1.0 -0.4	30 min. at 150°C
Density		g/cm^3		1.40	ASTM D 1505
Release		g_f/in		15 - 30	T-peel from Tesa 7475 @ 20 in./min.

* Values for reference data only. Contact a Polyester Film Sales Representative for actual gauges available.
Approved DJ 4/2024

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, 2014, 2021, 2022, 2024 Mitsubishi Chemical America, Inc. All rights reserved.