

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.

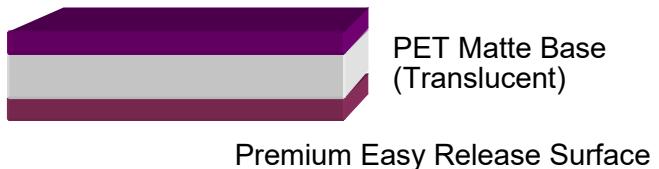
Performance

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



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/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.

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Mitsubishi Chemical America, Inc. • PO Box 1400 • 2001 Hood Road • Greer, SC 29652 • 864-879-5000 • 864-879-5006 • www.m-petfilm.com

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