

Mitsubishi Chemical America, Inc.

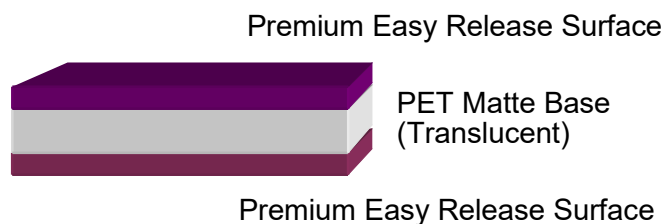
Product Bulletin

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.

Schematic of Hostaphan® MT022K**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)

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		in²/ 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/cm³		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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