

Mitsubishi Chemical America, Inc.

## Description

Hostaphan® MT0R is a matte polyester film with a medium gloss surface. It is chemically primed on one side for enhanced adhesion.

## Performance

Hostaphan® MT0R film is designed for markets requiring a matte surface. The primed surface provides enhanced adhesion to solvent based inks, coatings, and adhesives, as well as vacuum deposited metal. Printing fine detail images on MT0R can only be printed with flexographic printing, rotogravure printing of detailed images is not recommended on this film.

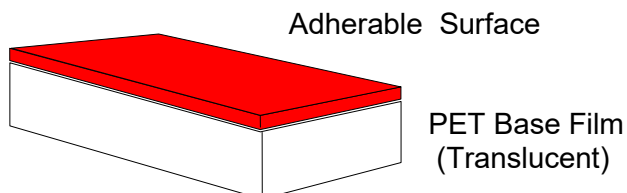
## FDA Status

Both sides of Hostaphan® MT0R can be used for direct food contact applications subject to limitations found in 21 CFR 177.1630. Contact a Polyester Film Sales Representative for more information.

## Benefits

- Medium gloss surface
- Good dimensional stability
- Excellent handling characteristics
- Low TD shrinkage
- Inks, barrier coatings, adhesives and metallization may be applied to the chemically primed side without additional priming or corona treatment.
- Standard gauge: 48

## Schematic of Hostaphan® MT0R



## Typical Properties of Hostaphan® MT0R Film

The Hostaphan® MT0R 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	48	ASTM E 252
Total Transmission		%	87	ASTM D 1003
60° Gloss		%	38	Gloss Meter
Area Yield		in <sup>2</sup> / lb	41254	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 65	ASTM D 882
Shrinkage	MD TD	%	1.9 0.4	30 min. at 150°C
Coefficient of Friction (A/B)	Static Kinetic	-- --	0.30 0.25	ASTM D 1894
Density		g/cm <sup>3</sup>	1.40	ASTM D 1505
Surface Energy		coated side	43	Internal test (contact angle)

\* Values for reference data only. Contact a Polyester Film Sales Representative for actual gauges available.  
Approved KE 5/2016

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