



## PERFORMANCE GUIDE

### Represents Typical Values Only

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## TT2602

### Optiscan® 2C Thermal Transfer

Revised: 12/06 CRB

#### Description

Product	Applications and End Uses
TT2602 is a premium thermal transfer paper with an all temperature permanent adhesive and a 2.45 white calendared kraft liner.	Intended for thermal transfer label applications requiring an all temperature adhesive. *Compatible with most thermal transfer ribbons designed for coated papers.

#### Face

A premium bright white, coated facestock designed for high-speed thermal transfer printing. This smooth, smudge resistant face offers great thermal transfer printing and excellent flexo printing.

##### Physical Properties Without Adhesive

Caliper, inches	0.0029 +/- 10%	TAPPI T-411
Brightness % Reflectance at 75° angle	87	TAPPI T-452
Opacity	87	TAPPI T-426
Stiffness	150 MD 100 CD	TAPPI T-543
Tear, grams	40 MD 50 CD	TAPPI T-414
Tensile, lbs./in.	28 MD 17 CD	TAPPI T-494

#### Adhesive

An all temperature acrylic adhesive that performs well in normal to freezer temperature applications. 640AT exhibits open time on some substrates (please test) and develops a permanent bond to a wide variety of substrates. Complies with FDA 21 CFR 175.105

##### Physical Properties of Adhesive

Thickness, inches	0.0007 +/- 10%	
Peel Adhesion, lbs./in.	1.8	PSTC-2 (30 min. applied)
Temperature Ranges		
Minimum Application	-20° F (-29°C) on most surfaces	
Service Ranges	-65 to +200° F (-54 to +93°C)	

#### Liner

A semi-bleached calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll -to -roll applications.

Caliper, inches	0.00245 +/- 10%	TAPPI T-411
Basis Weight, lbs. (24" x 36"/500 sheets)	40 +/- 10%	TAPPI T-410

#### Shelf Life

One year when stored at 72° F and 50% R.H.

Optiscan is a registered trademark of Morgan Adhesives Company

This product complies with CONEG regulations. All MACTac Roll Label products meet the requirements of the Clean Air Act of 1990.

The user is responsible for determining the product's suitability for all aspects of the application. If there are any questions about applications, or regulatory compliances, please contact your MACTac sales representative to discuss your requirements for recommendations. If this is a printed Performance Guide, it is an uncontrolled document. Please check the MACTac website for the latest, most up-to-date version at [www.mactac.com](http://www.mactac.com).

**\* NOTE: Thermal transfer printing quality and bar code scannability are dependent upon the interworking of several elements; the ribbon, the printhead and the facestock. Please test all applications. Consult MACTac's Technical Marketing Department for guidelines regarding printer and ribbon compatibility.**

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