

TT2602

Revised: 2/2025

FSC® Optiscan® 2C Thermal Transfer

Description		Applications and End Uses	
Product	TT2602 is a premium thermal transfer paper with an all temperature permanent adhesive and a 2.4 white super 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. FSC Certified. Certificate Number: SCS-COC-007635		
	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.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in.	1.8	PSTC-101F (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 super calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll -to -roll applications.	
Caliper, inches		0.0024 +/- 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.

*** 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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