

### TT9592

Revised: 07/2019 CNS

## Optiscan® 2C Thermal Transfer Opaque

Description	Applications and End Uses			
<b>Product</b>	TT9592 is a premium thermal transfer paper with a permanent adhesive and an opaque barrier on a 2.4 mil semi-bleached super calendared kraft liner.	Intended for thermal transfer label applications requiring a block out barrier. *Compatible with most thermal transfer ribbons designed for coated papers.		
<b>Face</b>	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.			
	<b>Physical Properties Without Adhesive</b>			
	Caliper, inches	0.0029 +/- 10%	TAPPI T-411	
	Brightness % Reflectance at 75° angle	87	TAPPI T-452	
	Opacity	99	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	
<b>Adhesive</b>	ST95 is a permanent acrylic emulsion with aggressive initial tack, excellent ultimate adhesion and mandrel hold. Very good adhesion to corrugated, glass and various plastic substrates. Considered to be latex glove friendly for use in some healthcare applications.			
	<b>Physical Properties of Adhesive</b>			
	Thickness, inches	0.0007 +/- 10%		
	Peel Adhesion, lbs./in.	1.9 or paper tear	PSTC-101F (30 min. applied)	
	Temperature Ranges			
	Minimum Application	+25°F (-4°C)	CTM #45 Curwood	
	Service Ranges	-75°F to +200°F (-59°C to +93°C)	Polyester Film Dry Surface	
<b>Liner</b>	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	
<b>Shelf Life</b>	One year when stored at 72° F and 50% R.H.			

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The user is responsible for determining the product's suitability for all aspects of the application. If there are any questions about applications, 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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