

### TT7802

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### Optiscan® 2C Thermal Transfer

Description	Applications and End Uses			
<b>Product</b>	TT7802 is a premium thermal transfer paper with a quick tack all temp permanent adhesive and a 2.4 super semi-bleached calendared kraft liner.	Intended for thermal transfer label applications. Ideal for cold damp substrates. 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	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	
<b>Adhesive</b>	Chill is an All Temp permanent, rubber-based adhesive that performs well in normal to freezer temperature applications. Chill has excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications.			
	<b>Physical Properties of Adhesive</b>			
	Thickness, inches	0.0007 +/- 10%		
	Peel Adhesion, lbs./in.	HDPE: 1.4 Stainless Steel: 2.6	PSTC-101F (30 min. applied)	
	Loop Tack (1"), lbs./in.	HDPE: 2.6 Stainless Steel: 4.1	PSTC-16	
	Temperature Ranges			
	Minimum Application	-10°F (-23.3°C)	CTM #45 Curwood	
	Service Ranges	-65°F to +150°F (-54°C to +65.6°C)	Polyester Film Dry Surface	
<b>Liner</b>	A 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)	39.5 +/- 10%	TAPPI T-410	
<b>Shelf Life</b>	One year when stored at 72° F and 50% R.H.			

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

*Note: The user is responsible for determining the product's suitability for all aspects of the applications. 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*

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