

TT7802

Revised: 2/2025 EAS

FSC® Optiscan® 2C Thermal Transfer

Description		Applications and End Uses	
Product	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.
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	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.		
	Physical Properties of Adhesive		
	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
Liner	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
Shelf Life	One year when stored at 72° F and 50% R.H.		

Optiscan is a registered trademark of Morgan Adhesives Company.

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

CALL 1-800-548-3456 for additional product information

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