

TTL9302

Revised: 02/2025 EAS

FSC® Optiscan® L Thermal Transfer

Description		Applications and End Uses	
Product	TTL9302 is a thermal transfer paper with a permanent adhesive and a 2.4 semi-bleached super calendared kraft liner	Intended for thermal transfer corrugated box applications. *Compatible with most thermal transfer ribbons designed for coated papers.	
Face	A coated facestock designed for medium-speed thermal transfer printing. This smudge resistant face offers good thermal transfer printing. FSC Certified. Certification 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 40 CD	TAPPI T-414
	Tensile, lbs./in.	28 MD 17 CD	TAPPI T-494
Adhesive	MP930 is a general purpose permanent acrylic emulsion designed to adhere to corrugated substrates.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in.	1.9 or paper tear	PSTC-101F (30 min. applied)
	Minimum Application	+35°F (-4°C)	CTM #45 Curwood
	Service Ranges	-75°F to +200°F (-59°C to +93°C)	Polyester Film Dry Surface
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.		

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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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