

Description	Applications and End Uses			
Product	TT9552-7 is a premium thermal transfer paper with a high tack permanent adhesive and Bloom® hi.mpact™ 1.6mil glassine liner	Intended for thermal transfer label applications. *Compatible with most thermal transfer ribbons designed for coated papers.		
Face	A premium bright white, coated face stock 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	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.			
	Physical Properties of Adhesive			
	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	
Liner	Bloom hi.mpact is a glassine liner excellent for die cutting, stripping and label dispensing. Primarily for roll -to -roll applications.			
	Caliper, inches	0.0016 +/- 10%	TAPPI T-411	
	Basis Weight, lbs. (24" x 36"/500 sheets)	27.7 +/- 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.**

IMPORTANT NOTICE: The information given, and recommendations made herein are based on our research and are believed to be accurate. In every case, user shall determine before using any product in full scale production, whether such product is suitable for their particular purpose under their own operating conditions. User assumes all risk and liability whatsoever in connection with their use of any product. The products discussed herein are sold without any warranty as to merchantability or any other warranty, expressed or implied. No representative of ours has any authority to waive or change the foregoing provisions unless in a specific agreement signed by the officers of seller and manufacturer. Ultimately, sellers and manufacturers only obligation shall be to replace or credit such quantity of the product proved to be defective at its discretion.

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