

Description	Applications and End Uses		
Product	TTV9552-7 is a premium thermal transfer vellum paper with a permanent acrylic emulsion adhesive and <b>Bloom® hi.impact™</b> 1.6 mil white glassine liner.		Intended for thermal transfer label applications. *Compatible with most thermal transfer ribbons designed for coated papers.
Face	A premium bright white, vellum facestock designed for high-speed thermal transfer printing. This smooth, smudge resistant face offers great thermal transfer printing and good flexo printing. FSC Certified. Certification Number: SCS-COC-007635		
Physical Properties Without Adhesive			
Caliper, inches	0.0025 +/- 10%		ISO 534
Brightness % Reflectance at 75° angle	88		ISO 2470
Opacity	87		ISO 2471
Tear, grams	39 MD 40 CD		ISO 1974
Tensile, lbs./in.	28.6 MD 13.7 CD		ISO 1924
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 stainless steel		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.impact 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 scanability 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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