



# PERFORMANCE GUIDE

Represents Typical Values Only

www.Mactac.com

## AI9502 8 pt. C1S Tag

Revised: 06/2019 RDF

Description	Applications and End Uses			
<b>Product</b>	AI9502 is a high strength white C1S matte tag stock with a general-purpose permanent adhesive and a 2.4 semi-bleached super calendared kraft liner. Face and adhesive comply with Toy Safety (ASTM F963-96a).	Labeling applications requiring a stiff facestock with high internal strength.		
<b>Face</b>	A white coated one side matte tag stock. Excellent for applications requiring a stiffer or more durable facestock. Meets the ANSI/NISO Z39.48 for permanence and contains an alkaline reserve of at least 2%.			
	<b>Physical Properties Without Adhesive</b>			
	Caliper, inches	0.0080 +/- 10%	TAPPI T-411	
	Brightness % Reflectance at 75° angle	91	TAPPI T-452	
	Gloss % Reflectance at 75° angle	50	TAPPI T-480	
	Tear, grams	90 MD 165 CD	TAPPI T-414	
	Tensile, lbs./in.	62 MD 28 CD	TAPPI T-494	
	pH of face stock	+7	TAPPI T-509	
	Lignin	Less than 1%	ANSI /NISO Z39.48-1992	
	Basis Weight, lbs. per 24x36 ream	108 +/- 10%	TAPPI T-410	
<b>Adhesive</b>	ST95 is a permanent acrylic emulsion with aggressive initial tack, excellent ultimate adhesion and mandrel hold. Very good adhesion to corrugate, paper, glass and various plastic substrates.			
	<b>Physical Properties of Adhesive</b>			
	Thickness, inches	0.0007 +/- 10%		
	Peel Adhesion, lbs./in.	2.6	PSTC-101F (30 min. applied)	
	pH of adhesive	+7*	Measured in liquid form	
	Photographic Activity Test	Passes	ISO 14523	
	Toy Safety	Complies ASTM F963-96a & Hasbro SRS-012 Rev F		
	LHAMA	16 CFR 1500.14(b)(8)	ASTM D4236	
	TRA	16 CFR 1500.3(b)(5) and (8)		
	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	
<b>Liner</b>	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	
<b>Shelf Life</b>	One year when stored at 72° F and 50% R.H.			

LHAMA Labeling of Hazardous Art Materials Act TRA - Toxicological Risk Assessment This product complies with CONEG regulations. All MACTac Roll Label products meet the requirements of the Clean Air Act of 1990.

**Note:** 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](http://www.mactac.com)

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



[www.Mactac.com](http://www.Mactac.com)

# PERFORMANCE GUIDE

Represents Typical Values Only

---

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

**IMPORTANT NOTICE:** The information given and the recommendations made herein are based on our research and are believed to be accurate, but no guarantee of their accuracy or completeness is made. In every case, user shall determine before using any product in full scale production, or in any way, whether such product is suitable for user's intended use 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 fitness for a particular purpose, or any other warranty, express or implied. No representative of ours has any authority to waive or change the foregoing provisions, and no statement or recommendation not contained herein shall have any force of effect unless in an agreement signed by the officers of seller and manufacturer. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without authority from the owner of the patent. The following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace or credit such quantity of the product proved to be defective at its discretion.

<sup>TM</sup> Trademark of Morgan Adhesives Company.

® Registered Trademark of Morgan Adhesives Company.

