



# PERFORMANCE GUIDE

## Represents Typical Values Only

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### AC4502 Platinum™ Semi-Gloss

Revised: 06/2017 KSM

Description	Applications and End Uses			
<b>Product</b>	AC4502 is a bright white semi-gloss coated litho construction with a high tack aggressive permanent adhesive and a 2.4 semi-bleached super calendared kraft liner.	For demanding applications requiring an extremely aggressive permanent adhesive. Especially suited to rough textured surfaces.		
<b>Face</b>	Platinum Semi-Gloss is a very bright, white semi-gloss coated sheet with exceptional ink receptivity and high internal strength characteristics for high speed printing and converting.			
	<b>Physical Properties Without Adhesive</b>			
	Caliper, inches	0.0030 +/- 10%	TAPPI T-411	
	Brightness % Reflectance at 75° angle	89	TAPPI T-452	
	Gloss % Reflectance at 75° angle	75	TAPPI T-480	
	Opacity	86	TAPPI T-425	
	Tear, grams	42 MD 50 CD	TAPPI T-414	
	Tensile, lbs./in.	36 MD 16 CD	TAPPI T-494	
	Basis Weight, lbs. (25" x 38"/500 sheets)	59 +/- 10%	TAPPI T-410	
<b>Adhesive</b>	705VHP is a high-tack rubber-based permanent adhesive formulated to provide excellent adhesion to many difficult substrates. The heavier coat weight of adhesive allows for good flow characteristics which permit adhesion to most rough textured surfaces. Suitable for cold, damp labeling applications.			
	<b>Physical Properties of Adhesive</b>			
	Thickness, inches	0.0014 +/- 10%		
	90° Peel Adhesion, lbs./in.	HDPE: 2.0	PSTC-2 (30 min. applied)	
		Wood: 1.7	PSTC-2 (30 min. applied)	
		Cement Block: 0.7	PSTC-2 (30 min. applied)	
		Stainless Steel: 3.0	PSTC-2 (30 min. applied)	
	Loop Tack (1"), lbs./in.	HDPE: 3.5	CTM-25	
		Wood: 0.9	CTM-25	
	Temperature Ranges			
	Minimum Application	20° F (-6.6°C)	CTM #45 Curwood	
	Service Ranges	-65 to +150° F (-54 to +66°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	

**Shelf Life** One year when stored at 72° F and 50% R.H.

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.

\* Values given are typical for unprocessed product and are not for use as specifications. Processing may change the values.

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

**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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