



# PERFORMANCE GUIDE

Represents Typical Values Only

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## AC5102

Revised: 03/2025 LEL

## FSC® Platinum™ Semi-Gloss HR51 2.4 mil SCK

Description	Applications and End Uses			
<b>Product</b>	AC5102 is a bright white semi-gloss coated litho construction with a removable adhesive and a 2.4 semi-bleached super calendared kraft liner.	For prime labeling applications requiring a removable adhesive.		
<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. FSC Certified. Certificate Number: SCS-COC-007635			
	<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	89	TAPPI T-425	
	Tear, grams	45 MD 55 CD	TAPPI T-414	
	Tensile, lbs./in.	34 MD 19 CD	TAPPI T-494	
	Basis Weight, lbs. (25" x 38"/500 sheets)	59 +/- 10%	TAPPI T-410	
<b>Adhesive</b>	HR-51 is a general-purpose acrylic based removable adhesive with excellent long-term removability from a wide variety of surfaces. Always pretest removable adhesives for suitability in each particular end use application.			
	<b>Physical Properties of Adhesive</b>			
	Thickness, inches	0.0007 +/- 10%		
	Peel Adhesion, lbs./in.	0.8	PSTC-101F (30 min. applied)	
	Temperature Ranges			
	Minimum Application	32° F (0°C)	CTM #45 Curwood	
	Service Ranges	-40 to +200° F (-40 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.			

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.

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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