



# PERFORMANCE GUIDE

## Represents Typical Values Only

www.Mactac.com

**AC8402**

Revised:03/2025 LEL

**FSC® Platinum™ Semi-Gloss MR840 2.4 mil SCK**

Description		Applications and End Uses	
Product	AC8402 is a bright white semi-gloss coated litho construction with an ultra removable adhesive and a 2.4 semi-bleached super calendared kraft liner. Demonstrates long term, clean removability across a wide variety of substrates.	Applications include point of sale promotions, information processing, work-in-process labels, pricing and promotion on mirrors, house wares, office supplies, software, automotive products, toys, crafts, lawn and garden products etc.	
Face	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		
	Physical Properties Without Adhesive		
	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
Adhesive	MR840 is an ultra removable acrylic emulsion adhesive characterized by low ultimate adhesion to most substrates. Not recommended for curved surfaces or Corrugated. Testing is highly recommended.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in.	PSTC-101F (7 days applied)	
		Stainless Steel: .22	
		Glass: .2	
		HDPE: .31	
		PVC: .35	
	Temperature Ranges		
	Minimum Application	+25° F (-4°C) on most surfaces	CTM #45 Curwood
	Service Ranges	-40 to +200° F (-40 to +93°C)	Polyester Film Dry Surface
Liner	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.		

Sample rolls are available from your MACTac Customer Service Representative.

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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