



PERFORMANCE GUIDE

Represents Typical Values Only

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AC5112LF

Platinum™ Semi-Gloss

Revised: 06/2019 RDF

Description	Applications and End Uses		
Product	AC5112LF is a bright white semi-gloss coated litho construction with a removable adhesive and a 3.2 semi-bleached calendared kraft liner.		For prime labeling applications requiring a removable adhesive.
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.		
	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	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.		
	Physical Properties of Adhesive		
	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
Liner	A semi-bleached machine calendared lay flat liner for use in roll-to-sheet applications.		
	Caliper, inches	0.0032 +/- 10%	TAPPI T-411
	Basis Weight, lbs. (24" x 36"/500 sheets)	53 +/- 10%	TAPPI T-410
Shelf Life	One year when stored at 72° F and 50% R.H.		

Lay Flat Guarantee: Guaranteed to exhibit layflat properties of no greater than +/- 1/2" when evaluating an 8-1/2" x 11" sheet on a flat surface, face up orientation in a climate controlled (72° F / 50% RH) environment. It is recommended that this material be produced using 6" O. D. core to prevent core related roll set curl. Any products supplied on or rewound on other than 6" cores do not carry the layflat guarantee. Allow the material to acclimate to the environment for 72 hours before printing and converting.

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 products suitability for all aspects of the applications. If there are any questions about applications or regulatory compliances, please contact your Mactac 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 Mactac.com

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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