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AC5112LF

Revised: 3/2025 LEL

FSC® Platinum™ Semi-Gloss HR-51 3.2 mil CCK

Description		Applications and End Uses
Product	AC5112LF is a bright white semi-gloss coated litho construction with a removable adhesive and a 3.2 clay coated 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. 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

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)
TRA*	16 CFR1500.3(b)(5), (7)-(9) FHSA	C.R.C, c.931 sec (10)&(11)
Temperature Ranges		
Minimum Application	32° F (0°C)	CTM #45 Curwood Polyester Film Dry Surface
Service Ranges	-40 to +200° F (-40 to +93°C)	

Liner

A clay coated kraft 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)	44 +/- 10%	TAPPI T-410

Shelf Life

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

***TRA – Toxicological Risk Assessment**

Lay Flat Guarantee: Guaranteed to exhibit layflat properties of no greater than +/- ½" 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.

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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