



PERFORMANCE GUIDE

Represents Typical Values Only

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LHG1812-PJR MACcopy® High Gloss JR.

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Product Description:

A high gloss paper stock designed for excellent image quality and processing in most toner fusion printers. Roll-to-roll applications.

Face Description:

A 60# high gloss white facestock specially engineered for toner fusion. Bright whiteness, excellent gloss.

Physical Properties Without Adhesive		
Test Property	Typical Values	Test Method
Tear, grams	22 MD 30 CD	TAPPI T-414
Tensile, lbs./in.	35 MD 14 CD	TAPPI T-494
Caliper, inches	0.00367 +/- 10%	TAPPI T-411
Basis Weight, lbs. (25" x 38"/500)	57+/- 10%	TAPPI T-410
Opacity, %	86	TAPPI T-425
Brightness, %	86	TAPPI T-452
Gloss, % @ 75° Angle	83	TAPPI T-480

Adhesive Description

MP-910 adhesive is a patented formula designed to eliminate virtually all roll edge adhesive bleed. It is a general purpose, permanent acrylic emulsion adhesive, characterized by excellent ultimate adhesion to a wide variety of substrates.

Physical Properties of Adhesive		
Test Property	Typical Values	Test Method
Peel Adhesion, lbs./in.	1.7 or paper tear	PSTC-101F (30 min. applied)
Temperature Ranges		
Minimum Application	+25°F (-4°C)	CTM #45 Curwood Polyester Film Dry Surface
Service Ranges	-75°F to 200°F (-60°C to 93°C)	

Liner Description:

A clay coated kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll-to-roll applications

Physical Properties of Liner		
Test Property	Typical Values	Test Method
Caliper, inches	0.0032 +/- 10%	TAPPI T-411
Basis Weight, lbs. (24" x 36"/500 sheets)	44 +/- 10%	TAPPI T-410

Shelf Life:

Unconverted Product - one year when stored at 72°F and 50% R.H

APPLICATIONS AND USES

Typical applications include toner fusion printed labels that require a high gloss finish, such as decorative address, craft, or food and beverage labels.

LHG1812-PJR MACcopy High Gloss JR. is a short roll Precise program that is available at 1,250' on 3" cores. This product is designed to run smoothly in roll fed toner digital presses.

CONVERTING TIPS

Environment: Laser stocks are recommended to be converted under climate-controlled conditions (72°F/50% RH). Protect all unused roll material by wrapping in protective stretch wrap. Do not store directly on concrete floors.

Label Design: Many printer manufacturers have specific guidelines for label form designs, which may include and are not limited to, the amount of edge matrix removed, perforations, maximum caliper, etc. It is recommended the label design be within the printer manufacturer specifications and adequately tested before use.

Pre-Printing: The compatibility of preprint flexo inks with toner should be fully evaluated and the following should be avoided: large areas of ink, flood coating, over-drying the web, and powdering sheets. Use inks designed to process through toner fusion printers and accept toner.

Regulatory Information

This product complies with CONEG regulations. All Mactac Roll Label Products meet the requirements of the Clean Air Act of 1990.

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 at www.mactac.com

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

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