



PERFORMANCE GUIDE

Represents Typical Values Only

www.Mactac.com

NS1812-PJR MACcopy® Semi Gloss JR.

Revised: 02/2020 CNS

Product Description:

A semi-gloss, coated litho construction designed for excellent image quality and processing in most toner fusion printers. Roll-to-roll applications.

Face Description:

A 60#, high strength, semi-gloss, white, coated litho paper stock designed for quality printing and high speed converting and chosen for its toner fusion print capabilities.

Physical Properties Without Adhesive		
Test Property	Typical Values	Test Method
Tear, grams	45 MD 41CD	TAPPI T-414
Tensile, lbs./in.	36 CD 25CD	TAPPI T-494
Caliper, inches	0.0033 +/- 10%	TAPPI T-411
Basis Weight, lbs. (25" x 38"/500)	60/- 10%	TAPPI T-410
Brightness, %	90	TAPPI T-452
Smoothness, Sheffield Units	63	TAPPI T-538

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
Service Ranges	-75°F to 200°F (-60°C to 93°C)	Dry Surface

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 semi gloss finish, such as decorative address, craft, or food and beverage labels.

NS1812-PJR MACcopy Semi 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

IMPORTANT NOTICE: The information given, and the recommendations made herein are based on our research and are believed to be accurate, but no guarantee of their accuracy or completeness is made. In every case, user shall determine before using any product in full scale production, or in any way, whether such product is suitable for user's intended use 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 fitness for a particular purpose, or any other warranty, express or implied. No representative of ours has any authority to waive or change the foregoing provisions, and no statement or recommendation not contained herein shall have any force of effect unless in an agreement signed by the officers of seller and manufacturer. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without authority from the owner of the patent. The following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace or credit such quantity of the product proved to be defective at its discretion.

TM Trademark of Morgan Adhesives Company.

[®] Registered Trademark of Morgan Adhesives Company.

