



PERFORMANCE GUIDE

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LMC1810-PJR MACcopy® Matte Clear JR.

Product Description:

A 2 mil laser printable top coated matte clear polyester coated with permanent acrylic adhesive. Designed for excellent image quality and durability in demanding applications. for processing in most toner fusion printers. Roll-to-roll applications.

Face Description:

2 mil matte clear top coated polyester specially engineered to provide an excellent laser printable surface.

Physical Properties Without Adhesive		
Test Property	Typical Values	Test Method
Caliper, inches	0.0020 +/- 10%	ASTM D-2103
Tensile, lbs./in.	50 MD 62 CD	ASTM D-882
Elongation at Break, %	140 MD 85 CD	ASTM D-882
Smoothness	245	Sheffield Units

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.	1.6	PSTC-101F (30 min. applied)
Temperature Ranges		
Minimum Application	+25°F (-4°C)	CTM #45 Curwood
Service Ranges	-75°F to +200°F (-60°C to +93°C)	Polyester Film Dry Surface

Liner Description:

A coated one side 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	0.0034 +/- 10%	TAPPI T-411
Basis Weight, lbs. (24" x 36"/500 sheets)	50 +/- 10%	TAPPI T-410

Shelf Life:

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

APPLICATIONS AND USES

Typical used for durable labels and a wide variety of demanding indoor and outdoor labeling applications. Polyester labels offer excellent resistance to heat, humidity, UV light and abrasion.

MACcopy Clear PET 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

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

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