



PERFORMANCE GUIDE

Represents Typical Values Only

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IML1802 INDIE® Matte Litho

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Description

Applications and End Uses

Product IML1802 is a 60# Indigo printable matte litho facestock with a patented formula non-ooze acrylic adhesive and a 2.45 semi-bleached calendared kraft liner. For prime labeling applications requiring a matte litho paper. Markets include: Food, cosmetic, toiletries and more.

HP Indigo Certification 3 Stars
RI4050-12-2489 & RI6000-12-2489

Face 60# Indigo matte litho, high strength paper stock designed for quality printing and high speed converting.

Physical Properties Without Adhesive

Caliper, inches	0.0038 +/- 10%	TAPPI T-411
Brightness % Reflectance at 75° angle	88	TAPPI T-452
Gloss % Reflectance at 75° angle	12	TAPPI T-480
Opacity	92	TAPPI T-425
Tear, grams	54 MD 54 CD	TAPPI T-414
Tensile, lbs./in.	32 MD 15 CD	TAPPI T-494
Basis Weight, lbs. (25" x 38"/500 sheets)	59 +/- 10%	TAPPI T-410

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

Physical Properties of Adhesive

Thickness, inches	0.0007 +/- 10%	
Peel Adhesion, lbs./in.	2.8	PSTC-101F (30 min. applied)
Temperature Ranges		
Minimum Application	+25°F (-4°C)	
Service Ranges	-75°F to +200°F (-59°C to +93°C)	

Liner A semi-bleached calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll-to-roll applications.

Caliper, inches	0.00245 +/- 10%	TAPPI T-411
Basis Weight, lbs. (24" x 36"/500 sheets)	40 +/- 10%	TAPPI T-410

WS6000 Press Parameters **Suggested Press settings recommended by RIT through Certification on WS6000 Testing Performed April 2012.** <http://printlabcert.cias.rit.edu/industrialcertifiedmedia>

Best Working Point Results without White Ink

PTH temperature 55

Feed Fan 5

Blanket temperature 110

2nd Transfer pressure 300

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

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 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

IML1802 has been independently evaluated and qualified by Rochester Institute of Technology for use on HP Indigo WS4050 & WS6000 digital presses. Reference certificate number from RIT: RI4050-12-2489 & RI6000-12-2489.

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

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