



PERFORMANCE GUIDE

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ISG2602

FSC® INDIE® Semi Gloss 640AT 2.4 Kraft

Revised: 03/2025 LEL



Description

Product

ISG2602 is a 60# Indigo printable semi gloss facstock with an all temperature acrylic adhesive and a 2.45 mil semi-bleached calendared kraft liner.

**HP Indigo Certification 3 Stars
RI4050-12-2535 & RI6000-12-2535**

Applications and End Uses

For prime labeling applications requiring a semi gloss paper. Markets include: Food, cosmetic, toiletries and more.

Face

60# Indigo semi gloss, high strength paper stock designed for quality printing and high speed converting. FSC Certified. Certificate Number: SCS-COC-007635

Physical Properties Without Adhesive

Caliper, inches	0.00335 +/- 10%	TAPPI T-411
Brightness % Reflectance at 75° angle	81	TAPPI T-452
Gloss % Reflectance at 75° angle	71	TAPPI T-480
Opacity	90	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)	63 +/- 10%	TAPPI T-410

Adhesive

An all temperature acrylic adhesive that performs in both cold and damp environments and in elevated temperature applications. 640 AT converts well on today's faster and wider presses. 640AT exhibits some open time on some substrates (please test) and develops a permanent bond to a wide variety of substrates.

Physical Properties of Adhesive

Thickness, inches	0.0007 +/- 10%	
Peel Adhesion, lbs./in.	1.8 or paper tear	PSTC-101F (30 min. applied)
Temperature Ranges		
Minimum Application	-20°F (-29°C) on most surfaces	
Service Ranges	-40°C to +200° F (-40 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 July 2012. <http://printlabcert.cias.rit.edu/industrialcertifiedmedia>

Best Working Point

Results without White Ink

PTH temperature

0

Feed Fan

8

Blanket temperature

105

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

ISG2602 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: RI4050-12-2535 & RI6000-12-2535.

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



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