



PERFORMANCE GUIDE

Represents Typical Values Only

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ICP9502 INDIE® Clear Polypropylene

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Description

Product ICP9502 is a 2.0 mil clear Indigo printable polypropylene film with a general purpose acrylic adhesive and a 2.45 mil semi-bleached calendared kraft liner.

HP Indigo Certification
RI-4050-10-1608 & RI-6000-10-1608

Applications and End Uses

For prime labeling applications requiring the durability and aesthetics of film labels. Recommended for semi-rigid and rigid containers. Market segments: food, cosmetic, toiletries, household cleaners, beverage and more.

Face

A clear top coated polypropylene designed for Indigo printing, die cutting and automatic dispensing. Designed for indoor applications on semi squeezable or rigid containers.

Physical Properties Without Adhesive

Caliper, inches	0.002	ASTM D2103
Tear, grams	14 MD 14 CD	ASTM D1922
Tensile, lbs./in.	44 MD 44 CD	TAPPI T-494

Adhesive

ST95 is a permanent acrylic emulsion with aggressive initial tack, excellent ultimate adhesion and mandrel hold. Very good adhesion to corrugate, paper, glass and various plastic substrates.

Physical Properties of Adhesive

Thickness, inches	0.0007 +/- 10%	
Peel Adhesion, lbs./in.	2.6 or paper tear	PSTC-101F (30 min. applied)
Temperature Ranges		
Minimum Application	+25°F (-4°C)	
Service Ranges	-75°C to +200° F (-59 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
<http://printlabcert.cias.rit.edu/industrialcertifiedmedia>

Best Working Point

Results without White Ink

PTH temperature

55

Feed Fan

6

Blanket temperature

105

2nd Transfer pressure

200

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

ICP9502 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: RI4050-10-1608 & RI6000-10-1608.

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

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