



PERFORMANCE GUIDE

Represents Typical Values Only

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JSG9002 Semi-gloss Ink Jet – Roll to Roll only

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Product Description:

A premium, medium weight, semi-gloss stock designed for processing in most ink jet printers, including all dye and some pigmented inks. This product displays good water fastness. Roll-to-roll applications, not run to Layflat.

Face Description:

A nominal 60# semi-gloss facestock specially engineered for ink jet printing.

Physical Properties Without Adhesive		
Test Property	Typical Values	Test Method
Tear, grams	n/a	TAPPI T-414
Tensile, lbs./in.	28 MD 13 CD	TAPPI T-494
Caliper, inches	0.00393+/- 10%	TAPPI T-411
Basis Weight, lbs. (25" x 38"/500)	64+/- 10%	TAPPI T-410
Brightness, %	n/a	TAPPI T-452
Smoothness, Sheffield Units	n/a	TAPPI T-538
Opacity, %	93	TAPPI T-425

Adhesive Description

710VHP is a permanent, rubber-based adhesive with excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications. Very good high speed and wider web converting.

Physical Properties of Adhesive		
Test Property	Typical Values	Test Method
Peel Adhesion, lbs./in.	2.7 or paper tear	PSTC-2 (30 min. applied)
Temperature Ranges		
Minimum Application	+20°F (-7°C)	CTM #45 Curwood
Service Ranges	-65°F to 160°F (-54°C to +71°C)	Polyester Film Dry Surface

Liner Description:

A semi-bleached kraft lay flat liner specially selected for use in desktop ink jet, toner fusion and other non-impact printer roll-to-roll applications.

Physical Properties of Liner		
Test Property	Typical Values	Test Method
Caliper, inches	0.0025+/- 10%	TAPPI T-411
Basis Weight, lbs. (24" x 36"/500 sheets)	40+/- 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 quality prime labeling applications in a number of markets: food, cosmetic, beverage, household cleaners that are printed via high quality ink jet.

Semi-gloss ink jet is designed to run smoothly in a variety of ink jet printers. Mactac highly recommends sufficient testing on the material in its intended design prior to use.

CONVERTING TIPS

Environment: Laser and ink jet 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.

Die Cutting: Use traditional rotary equipment, avoid flat bed dies and check that die cuts are not too deep to prevent feeding problems.

Storage: Store at 72°F and 50% RH in protective wrappings. Condition label stock for at least 72 hours within the printing environment prior to usage.

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

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