



PERFORMANCE GUIDE

Represents Typical Values Only

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JK4511 – Custom MACjet® Drum Matte White Kimdura® Ink Jet

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Description	Applications and End Uses		
Product	JK4511 is a 5.0 mil matte ink jet printable coated white biaxially oriented polypropylene with a high tack permanent rubber-based adhesive and a 3.2 semi-bleached calendared kraft liner. BS5609 Certified Section 2 and Section 3 with Epson C-831 & C3500; & NeuraLabel 300x		
Product	Applications include drum labels, piping, lumber, pallets labeled at cold temperatures.		
Face	A polypropylene film, matte coated to provide an excellent and durable ink jet printing surface.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.005 (5.0 mils)	ASTM D-2103
	Basis Weight, lbs. (24" x 36"/500 sheets)	70 +/- 10%	TAPPI T-410
	Tensile, ppiw	24 MD 20.5CD	ASTM D-882
	Opacity (%)	90	TAPPI T-425
	Brightness	93	TAPPI T-452
Adhesive	705VHP is a high-tack rubber-based permanent adhesive formulated to provide excellent adhesion to many difficult substrates. The heavier coat weight of adhesive allows for good flow characteristics which permit adhesion to most rough textured surfaces.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0014 +/- 10%	
	Peel Adhesion, lbs./in.	2.1 lbs. or face delamination	PSTC-1 (30 min. applied)
	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	A semi-bleached calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll -to -roll applications where a more demanding liner may be needed.		
	Caliper, inches	0.0032+/- 10%	TAPPI T-411
	Basis Weight, lbs. (24" x 36"/500 sheets)	50 +/- 10%	TAPPI T-410
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.

The user is responsible for determining the product's suitability for all aspects of the application. If there are any questions about applications, 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.

* NOTE: Ink jet print quality and durability are dependent upon the interworking of several elements such as the printer make/model, the type of inks used, the printer settings, and the facestock. Please test all applications.

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

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