



# PERFORMANCE GUIDE

Represents Typical Values Only

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## KF9511

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### Smudge-proof Kimdura® Thermal Transfer Film

Description		Applications and End Uses	
Product	KF9511 is a 4.2 mil (90 μ) thermal transfer printable coated white biaxially oriented polypropylene with a permanent acrylic adhesive and a 3.2 semi-bleached super calendared kraft liner.		Thermal transfer and prime labels requiring durability. Applications and markets include shipping, drum labels, piping, lumber, appliances, carpet backing, pallets.
Face	A high-density polypropylene film, clay coated to provide an excellent thermal transfer printing surface.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.0042 (4.2 mils)	ASTM D-2103
	Caliper, micron	90 μ	
	Brightness	92% Min	TAPPI T-525
	Opacity	95.5% Target	TAPPI T-425
	Tensile, kg Min	8.7 MD CD	TAPPI T-494
	Tear, kg Min	MD CD	TAPPI T-414
	Basis Weight, lbs. (24" x 36"/500)	62.2 +/- 10%	TAPPI T-410
Adhesive	ST95 is a permanent acrylic emulsion with aggressive initial tack, excellent ultimate adhesion and mandrel hold. Very good adhesion to corrugated, glass and various plastic substrates. Considered to be latex glove friendly for use in some healthcare applications.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in.	2.6	PSTC-101A (30 min. applied)
	Temperature Ranges		
	Minimum Application	+25°F (-4°C)	CTM #45 Curwood
	Service Ranges	-75°F to +200°F (-59°C to +93°C)	Polyester Film Dry Surface
Liner	A semi-bleached super 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.		

Durascan is a registered trademark of the Morgan Adhesives Company Kimdura is a registered trademark of Kimberly-Clark Corp

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](http://www.mactac.com).

**\* NOTE: Thermal transfer printing quality and bar code scannability are dependent upon the interworking of several elements; the ribbon, the printhead and the facstock. Please test all applications. Consult MACTac's Technical Marketing Department for guidelines regarding printer and ribbon compatibility.**

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

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