

PERFORMANCE GUIDE

Represents Typical Values Only

www.Mactac.com

KF9501

Revised: 09/2022 CNS

Smudge-proof Kimdura® Thermal Transfer Film

Description		Applications and End Uses	
Product	KF9501 is a 4.2 mil (90 μ) thermal transfer printable coated white biaxially oriented polypropylene with a permanent acrylic adhesive and a 2.42 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)
	Loop Tack g/1"	3 lbs./sq. inch	PSTC-16A
	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	0.0024+/- 10%	TAPPI T-411
	Basis Weight, lbs.	40 +/- 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.

*** NOTE: Thermal transfer printing quality and bar code scannability are dependent upon the interworking of several elements; the ribbon, the printhead and the facestock. 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

IMPORTANT NOTICE: The information given, and the recommendations made herein are based on our research and are believed to be accurate, but no guarantee of their accuracy or completeness is made. In every case, user shall determine before using any product in full scale production, or in any way, whether such product is suitable for user's intended use for their particular purpose under their own operating conditions. User assumes all risk and liability whatsoever in connection with their use of any product. The products discussed herein are sold without any warranty as to merchantability or fitness for a particular purpose, or any other warranty, express or implied. No representative of ours has any authority to waive or change the foregoing provisions, and no statement or recommendation not contained herein shall have any force of effect unless in an agreement signed by the officers of seller and manufacturer. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement, or recommendation to practice any invention covered by any patent without authority from the owner of the patent. The following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace or credit such quantity of the product proved to be defective at its discretion.

TM Trademark of Morgan Adhesives Company.

[®] Registered Trademark of Morgan Adhesives Company.

