



PERFORMANCE GUIDE

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LTC01980

Revised: 02/20 KSH

2.4 mil White Satin PET / P100 / 3.3 mil Glassine

Description		Applications and End Uses	
Product	2.4 mil white top-coated white satin polyester with a aggressive acrylic adhesive and a 55# white glassine liner.		Designed for use in harsh environment where chemical will be in contact with the label. Designed in combination with specific thermal transfer ribbon for optimum chemical resistance performance.
Face	2.4 mil white satin polyester, topcoated for superior printability via thermal transfer. Features high strength, tear resistance, temperature resistance and especially chemical resistance. Print test product and consult with your ink supplier to confirm suitability for your application.		
	Physical Properties without Adhesive		
	Caliper, inches	0.0024 (2.4 mils)	ASTM D-2103
Adhesive	P100 is an aggressive permanent acrylic adhesive. Possess good chemical, humidity, temperature and UV resistance. And has capability to adhere well on variety of surfaces.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0013 +/- 10%	
	180° Peel Adhesion, lbs./in.	Stainless Steel: 3.8	CTM-8 (30 min. applied) Reference: PSTC-101A
	Temperature Ranges		
	Minimum Application Service Ranges	+39°F (4 °C) -40°F to +300°F (-40 °C to +149 °C)	CTM #45 Curwood Polyester Film Dry Surface
Liner	A 55# white glassine liner. Excellent for die cutting and stripping. The liner is coated with a release system designed for label dispensing. Primarily for roll-to-roll applications where a more demanding liner is needed.		
	Caliper, inches	0.0033 +/- 10%	TAPPI T-411
	Basis Weight, lbs. (24" x 36"/500 sheets)	55 +/- 10%	TAPPI T-410
Shelf Life	Product retains its performance and properties for two years from date of manufacture when stored at 72° F and 50% relative humidity.		

This product complies with CONEG regulations.

All MACTac Roll Label products meet the requirements of the Clean Air Act of 1990.

*** 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

Chemical resistance of printed image				
Chemical	Unit of measure	Test result	Test method	Observations
IPA	100 rubs	5	AATCC 8	No transfer of ribbon
Ethanol	100 rubs	5	AATCC 8	No transfer of ribbon
Acetone	100 rubs	5	AATCC 8	No transfer of ribbon
Xylene	100 rubs	4	AATCC 8	Minimal transfer of ribbon
MEK	100 rubs	5	AATCC 8	No transfer of ribbon
White Spirit	100 rubs	5	AATCC 8	No transfer of ribbon
SP95 Fuel	100 rubs	5	AATCC 8	No transfer of ribbon
SP98 Fuel	100 rubs	5	AATCC 8	No transfer of ribbon
Diesel	100 rubs	5	AATCC 8	No transfer of ribbon
Brake Fluid	100 rubs	5	AATCC 8	No transfer of ribbon
Skydrol®	100 rubs	5	AATCC 8	No transfer of ribbon
Toluene	100 rubs	4	AATCC 8	Minimal transfer of ribbon

Rating: Excellent 5 < 4 < 3 < 2 < 1 Poor
TT Ribbon used: Ricoh B110CU

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.

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