



PERFORMANCE GUIDE

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LTCHR5220-50 2 mil White Matte Polyimide / Heat Resistant

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Description	Applications and End Uses			
Product	2.4 mil white matte top-coated polyimide with a heat resistant silicone adhesive and a 2.0 mil polyester liner.	Designed for use in high heat applications such as PCB manufacturing process. This label is applicable up to 572°F. Excellent thermal transfer printability with resin ribbons.		
	<i>Lintec item: HR5220-50</i>			
Face	2.4 mil white matte topcoated polyimide specifically designed for thermal transfer printing. Features high heat resistance and dimensional stability which prevents the label from delaminating. 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	Heat Resistant is high performance, permanent silicone adhesive with excellent heat resistance. It is also high chemical and solvent resistant.			
	Physical Properties of Adhesive			
	Thickness, inches	0.0007 +/- 10%		
	180° Peel Adhesion, lbs./in.	Stainless Steel: 1.7	CTM-8 (30 min. applied) Reference: PSTC-101A	
	<i>Temperature Ranges</i>			
	Minimum Application	+50°F (10°C)	CTM #45 Curwood Polyester Film Dry Surface	
	Service Ranges	14°F to +572°F (-10°C to +300°C)		
Liner	A 2.0 mil clear polyester liner. Excellent for die cutting and stripping. The liner is coated with a release system designed for label dispensing.			
	Caliper, inches	0.002 +/- 10%	TAPPI T-411	
	Basis Weight, lbs. (24" x 36"/500 sheets)	43 +/- 10%	TAPPI T-410	
Shelf Life	Product retains its performance and properties for one year 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

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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