



PERFORMANCE GUIDE

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LTCHR5252-25 1 mil White Matte Polyimide / Heat Resistant

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Description	Applications and End Uses		
Product 1.4 mil white matte top-coated polyimide with a heat resistant acrylic adhesive and a 65# blue glassine liner. <i>Lintec item: HR5252-25</i>	Designed for use in high heat applications such as PCB manufacturing process. This label is applicable up to 482F. Excellent thermal transfer printability with resin ribbons.		
Face 1.4 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	0.0014 (1.4 mils)	ASTM D-2103	
Adhesive Heat Resistant is high performance, permanent acrylic with excellent heat resistance. It is also high chemical and solvent resistant.			
Physical Properties of Adhesive			
Thickness, inches	0.001 +/- 10%		
180° Peel Adhesion, lbs./in.	Stainless Steel: 2.7	CTM-8 (30 min. applied) Reference: PSTC-101A	
<i>Temperature Ranges</i>			
Minimum Application	+50°F (10°C)	CTM #45 Curwood	
Service Ranges	14°F to +482°F (-10°C to +250°C)	Polyester Film Dry Surface	
Liner A 65# blue glassine liner, one side is polyethylene laminated. 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	0.0036 +/- 10%	TAPPI T-411	
Basis Weight, lbs. (24" x 36"/500 sheets)	65 +/- 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

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