



# PERFORMANCE GUIDE

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## LTC01469 2 mil White Semi-Gloss Polyester / Cryogenic

Revised: 8/20

Description	Applications and End Uses			
<b>Product</b>	LTC01469 - 2.0 mil topcoated white semi-gloss polyester with an aggressive cryogenic acrylic adhesive and a 50# white glassine liner.	Designed for use for Cryogenic applications such as test tubes and ampules, using a thermal transfer print method.		
	Lintec item: CY5030			
<b>Face</b>	2.0 mil topcoated white semi-gloss polyester for excellent printability via flexography and Thermal Transfer. Print test product and consult with your ink supplier to confirm suitability for your application.			
	<b>Physical Properties Without Adhesive</b>			
	Caliper, inches	0.002 (2.0 mils)	ASTM D-2103	
<b>Adhesive</b>	Cryogenic is a high tack acrylic adhesive with superior adhesion to small diameter containers such as test tubes. Resists edge lifting when repeatedly subjected to changes between low and room temperatures such as removal from liquid nitrogen.			
	<b>Physical Properties of Adhesive</b>			
	Thickness, inches	0.0009 +/- 10%		
	Peel Adhesion, lbs./in.	Stainless Steel: 3.5	CTM-8 (30 min. applied) Reference: PSTC-101A	
	Minimum Application Service Ranges	+39°F (4°C) -320°F to 248°F (-196°C to +120°C)	CTM #45 Curwood Polyester Film Dry Surface	
<b>Liner</b>	A 50# white 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	0.0030 +/- 10%	TAPPI T-411	
	Basis Weight, lbs. (24" x 36"/500 sheets)	50 +/- 10%	TAPPI T-410	
<b>Shelf Life</b>	One year when stored at 72° F and 50% R.H.			

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 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.

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