



# PERFORMANCE GUIDE

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## LTC01469

Created: 9/18 KSM

## 2 mil White Semi-Gloss Polyester / Cryogenic

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.  Lintec item: CY5030	Designed for use for Cryogenic applications such as test tubes and ampules, using a thermal transfer print method.		
<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

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