PERFORMANCE GUIDE

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LTC01470
3.2 mil White Matte Inkjet Polyester / Cryogenic

Revised: 3/26 KA

Description		Applications and End Uses
Product	LTC01470 - 3.2 mil white matte inkjet printable polyester with an aggressive cryogenic acrylic adhesive and a 45# white glassine liner. Lintec item: CY8525	Designed for use for Cryogenic applications such as test tubes and ampules, using an inkjet print method.

Face

3.2 mil white matte polyester with receptive layer for excellent printability via pigment base inkjet printer. Print test product and consult with your ink supplier to confirm suitability for your application.

Physical Properties Without Adhesive

Caliper, inches	0.0032 (3.2 mils)	ASTM D-2103

Adhesive

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

Physical Properties of Adhesive

Thickness, inches	0.0009 +/- 10%	
Peel Adhesion, lbs./in.	Stainless Steel: 3.7	CTM-8 (30 min. applied) Reference: PSTC-101A
Minimum Application	+39°F (+4°C)	CTM #45 Curwood Polyester Film Dry Surface
Service Ranges	-320°F to 248°F (-196°C to +120°C)	

Liner

A 45# 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	0.0026+/- 10%	TAPPI T-411
Basis Weight, lbs. (24" x 36"/500 sheets)	45 +/- 10%	TAPPI T-410

Shelf Life

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.***

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