



PERFORMANCE GUIDE

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LTC01475

Created: 9/18 KSM

3.9 mil White Matte Direct Thermal Polypropylene / Cryogenic

Description

Product

LTC01475 - 3.9 mil white matte direct thermal coated polypropylene with an aggressive cryogenic acrylic adhesive and a 45# blue glassine liner.

Applications and End Uses

Designed for use for Cryogenic applications such as test tubes and ampules, using direct thermal printing method.

Face

3.9 mil white matte polypropylene with direct thermal printable coating. Print test product and consult with your ink supplier to confirm suitability for your application.

Physical Properties Without Adhesive

Caliper, inches	0.0039 (3.9 mils)	ASTM D-2103
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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: 3.8	CTM-8 (30 min. applied) Reference: PSTC-101A
Minimum Application Service Ranges	+39°F (+4°C) -320°F to 140°F (-196°C to +60°C)	CTM #45 Curwood Polyester Film Dry Surface

Liner

A 45# blue 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

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: Direct thermal printing quality and bar code scannability are dependent upon the interworking of several elements; the printhead and the facestock. Please test all applications.**

CALL 1-800-548-3456 for additional product information

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