



PERFORMANCE GUIDE

Represents Typical Values Only

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PF0101

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2.0 Mil Clear Polypropylene / PUREfloat™ / 2.4 SCK

Description	Applications and End Uses		
Product	PF0101 is a 2.0 mil topcoated clear biaxially oriented polypropylene with a permanent acrylic adhesive and a 2.4 super calendared kraft liner.		
Face	Applications requiring labels to remove cleanly from PET bottles and containers during the recycling process. PUREfloat has been recognized by The Association of Plastic Recyclers (APR) Critical Guidance Recognition.		
	This clear topcoated polypropylene is a semi conformable film designed for excellent printing, converting and label dispensing. This film provides a no label look and is typically used in food packaging, beverage and health-and-beauty applications. This film offers excellent printability with water-based and solvent-based flexo and gravure, UV flexo, UV letterpress, UV flatbed, and rotary screen ink systems.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.002 +/- 10%	ASTM D2103
	Elongation, % (YIELD)	12 MD 48 CD	ASTM D1922
Adhesive	Tensile, lbs./in. (YIELD)	15 MD 68 CD	ASTM D882
	Gloss (45°, Print Surface)	85	ASTM D2457
	PUREfloat is a clear, permanent acrylic emulsion adhesive, designed to enable PET bottle and thermoform container recycling per The Association of Plastic Recyclers (APR) Design Guide for Plastics Recyclability.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0007 +/- 10%	
Liner	Peel Adhesion, lbs./in.	PET: 2.5	PSTC-101A (30 min. applied)
	Loop Tack (1"), lbs./in.	PET: 3.0	CTM-25
	Temperature Ranges		
	Minimum Application	+40°F (4°C)	CTM #45 Curwood
	Service Ranges	-60°F to +200°F (-51°C to +93°C)	Polyester Film Dry Surface
Shelf Life	A semi-bleached super calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll -to -roll applications where a more demanding liner may be needed.		
	Caliper, inches	0.0024 +/- 10%	TAPPI T-411
	Basis Weight, lbs. (24" x 36"/500 sheets)	40 +/- 10%	TAPPI T-410

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Label-Lyte® is a registered Trademark of the ExxonMobil Company

This product complies with CONEG regulations.

All MACTac Roll Label products meet the requirements of the Clean Air Act of 1990.

The user is responsible for determining the product's suitability for all aspects of the application. If there are any questions about applications, or regulatory compliances, please contact your MACTac sales representative to discuss your requirements for recommendations. If this is a printed Performance Guide, it is an uncontrolled document. Please check the MACTac website for the latest, most up-to-date version at www.mactac.com

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

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