



PERFORMANCE GUIDE

Represents Typical Values Only

PTW7802

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Vivid™ 2.3 Mil White Polypropylene

Description	Applications and End Uses			
Product	PTW7802 is a 2.3 mil topcoated white polypropylene with a quick tack All Temp permanent adhesive and a 2.4 semi-bleached super calendared kraft liner.	For prime labeling applications requiring the durability and aesthetics of film. Recommended for semi-rigid and rigid containers. Market segments: food packaging and those with cold damp substrates.		
Face	A white opaque, solid core, top coated polypropylene semi conformable film designed for excellent printing, converting and label dispensing. Proprietary top coating delivers excellent adhesion for superior graphics and print receptivity for various methods including: UV Flexo, Water Flexo, Thermal Transfer, Gravure, UV Inkjet and Hot Stamp. Proprietary adhesive receptive coating for enhanced adhesive anchorage.			
	Physical Properties Without Adhesive			
	Caliper, inches	0.0023 +/- 10%	ASTM D2103	
	Elongation at break, %	95 MD 115 TD	ASTM D822	
	Tensile Strength, kpsi	23.9 MD 21 TD	ASTM D882	
Adhesive	Chill is an All Temp permanent, rubber-based adhesive that performs well in normal to freezer temperature applications. Chill has excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications.			
	Physical Properties of Adhesive			
	Thickness, inches	0.0007 +/- 10%		
	180° Peel Adhesion, lbs./in.	Corrugate: 2.6	PSTC-101A (30 min. applied)	
		HDPE: 3.6	PSTC-101A (30 min. applied)	
		Stainless Steel: 3.6	PSTC-101A (30 min. applied)	
	Loop Tack (1"), lbs./in.	Corrugate: 1.6	PSTC-16	
		HDPE: 2.3	PSTC-16	
		Stainless Steel: 4.9	PSTC-16	
	Temperature Ranges			
	Minimum Application	-10°F (-23.33°C)	CTM #45 Curwood	
	Service Ranges	-65°F to +150°F (-54°C to 65.6°C)	Polyester Film Dry Surface	
Liner	A super calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll -to -roll applications.			
	Caliper, inches	0.0024 +/- 10%	TAPPI T-411	
	Basis Weight, lbs. (24" x 36"/500 sheets)	39.5 +/- 10%	TAPPI T-410	
Shelf Life	One year when stored at 72° F and 50% R.H.			

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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

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