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PTW7702

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Vivid™ 2.3 Mil White Polypropylene

Description	Applications and End Uses		
Product	PTW7702 is a 2.3 mil topcoated white polypropylene with a quick tack All Temp permanent, direct food contact 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. Adhesive in compliance for direct food for dry fruits and vegetables.
Face	A white opaque, solid core, top coated, semi-conformable, biaxially oriented polypropylene (BOPP) 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, 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 AT FDA is an All Temp permanent, rubber-based, direct food contact adhesive that performs well in normal to freezer temperature applications. Chill AT FDA has excellent tack and ultimate adhesion to a variety of surfaces and may be used as the food contact surface of labels and/or tapes applied to poultry, dry food, and processed, frozen, dried, partial dehydrated and raw fruits and vegetables. Suitable for cold, damp labeling applications.		
	FDA approved for direct food contact under 21 CFR Section 175.125(a) and (b). Section 175.125(a) pertains to adhesive that are "used as the food-contact surface of labels and/or tapes applied to poultry, dry food, and processed, frozen, dried, or partially dehydrated fruits or vegetables". Section 175.125(b) pertains to adhesives that are "used as the food-contact surface of labels and/or tapes applied to raw fruit and raw vegetables".		
	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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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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