



PERFORMANCE GUIDE

Represents Typical Values Only

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PJ1691-0 (Developmental RDT16141)

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2.6 mil White Polypropylene / PUREtac CL216 / 1 mil PET

Description	Applications and End Uses			
Product	PJ1691-0 is a 2.6 mil white top coated Polypropylene film (Label-Lyte®) with a quick tack permanent adhesive designed for prime film labeling and a 1 mil PET liner.	For prime labeling applications requiring the durability and aesthetics of film. Recommended for semi-rigid and rigid containers. Market segments: food, cosmetic, toiletries, household cleaners, beverage and more.		
Face	This white topcoated pearlescent polypropylene is a semi conformable film designed for excellent printing, converting and label dispensing. Print test product and consult with your ink supplier to confirm suitability for your application.			
	Physical Properties Without Adhesive			
	Caliper, inches	0.0026 (2.6 mil)	ASTM D2103	
	Opacity	88%	ASTM D589	
	Tensile, lbs./in. (YIELD)	14 MD 80 CD	ASTM D882	
	Elongation, % (YIELD)	12 MD 45 CD	ASTM D1922	
Adhesive	MACtac PUREtac CL216 is a permanent, rubber-based adhesive with excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene and polyethylene. MACtac PUREtac CL216 is designed for film labeling applications. It exhibits exceptional clarity and resistance to water whitening. Suitable for cold, damp labeling applications. Very good high speed and wider web converting.			
	Physical Properties of Adhesive			
	Thickness, inches	0.0007 +/- 10%		
	180° Peel Adhesion, lbs./in.		CTM-8 (30 min. applied) Reference: PSTC-101A	
		HDPE: 3.5		
		Stainless Steel: 3.9		
		LDPE: 3.2		
		Glass: 3.8		
	Loop Tack (1"), lbs./in.		CTM-25	
		HDPE: 2.9		
		Stainless Steel: 5.3		
		LDPE: 2.6		
		Glass: 5.2		
	Temperature Ranges			
	Minimum Application	+32°F (0°C)	CTM #45 Curwood	
	Service Ranges	-50°F to +160°F (-46°C to +71°C)	Polyester Film Dry Surface	
Liner	A 1 mil clear polyester liner excellent for die cutting, stripping and label dispensing. Primarily for roll-to-roll applications.			
	Caliper, inches	0.00092 +/- 10%	TAPPI T-411	
	Basis Weight, lbs. (24" x 36"/500 sheets)	19.8 +/- 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: 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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