



# PERFORMANCE GUIDE

## Represents Typical Values Only

### PF7891-2 Vivid™ 2 Mil Clear Polypropylene

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Description	Applications and End Uses			
<b>Product</b>	PF7891-2 is a 2.0 mil topcoated clear biaxially oriented polypropylene with a quick tack All Temp permanent adhesive and a 1.2 mil polyester 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.		
<b>Face</b>	This clear topcoated gloss 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.			
	<b>Physical Properties Without Adhesive</b>			
	Caliper, inches	0.002 +/- 10%	ASTM D2103	
	Elongation, % (YIELD)	12 MD 48 CD	ASTM D882	
	Tensile, lbs./in. (YIELD)	15 MD 68 CD	ASTM D882	
<b>Adhesive</b>	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.			
	<b>Physical Properties of Adhesive</b>			
	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	
<b>Liner</b>	A 1.2 mil clear polyester liner excellent for die cutting, stripping and label dispensing. Primarily for roll-to-roll applications. Specifically designed for use with clear film face materials or applications requiring excellent clarity.			
	Caliper, inches	0.0012 +/- 10%	TAPPI T-411	
	Basis Weight, lbs. (24" x 36"/500 sheets)	26 +/- 10%	TAPPI T-410	
<b>Shelf Life</b>	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](http://www.mactac.com)

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