

# PERFORMANCE GUIDE

## Represents Typical Values Only

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**PF3791-0 (RDT20110-5)**

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**2.0 mil Clear Polypropylene / PUREapply / 1.2 mil PET**

Description	Applications and End Uses		
Product	PF3791-0 is a 2.0 mil clear top coated polypropylene film with a quick tack permanent adhesive designed for initial removability of misapplied labels and a 1.0 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	A 2 mil clear top coated polypropylene 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	0.002 (2.0 mil)	ASTM D2103
	Tensile, lbs./in. (YIELD)	15 MD 68 CD	ASTM D882
	Elongation, % (YIELD)	12 MD 48 CD	ASTM D1922
Adhesive	Mactac PUREapply is a clear, permanent, rubber-based adhesive with excellent tack and ultimate adhesion to a variety of surfaces. PUREapply is engineered to have initial removability on HDPE, polyester, polypropylene and glass. 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.		PSTC-101A
		HDPE: 2.5	
		Polypropylene: 2.5	
		Glass: 3.3	
		PET: 3.5	
	Loop Tack (1"), lbs./in.		PSTC-16
		HDPE: 2.6	
		Polypropylene: 2.4	
		Glass: 5.6	
		PET: 5.4	
	Temperature Ranges		
	Minimum Application	+10°F (-12°C)	CTM #45 Curwood
	Service Ranges	-50°F to +175°F (-46°C to +79°C)	Polyester Film Dry Surface
Liner	A 1.0 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)	20.1 +/- 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 complian ces, 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)

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

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