

2.3 mil White Polypropylene / MP880 / 1.2 mil PET liner

Description		Applications and End Uses	
Product	PTW8891-2 is a 2.3 mil white top coated Polypropylene film featuring MP880, an acrylic adhesive designed for prime film labeling and a 1.2 mil PET liner.		Label applications requiring a semi-conformable film for food, cosmetic, beverage, and household cleaner market segments. Excellent flexo and thermal transfer printability.
Face	A 2.3 mil white, solid core, top coated, 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, Hot Stamp and Thermal Transfer.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.0023 (2.3 mil)	ASTM 313E
	Gloss % Reflectance at 45° angle	50	ASTM D2547
	Whiteness Index	90	ASTM D1003
	Tensile, lbs./in.	20 MD 35 CD	ASTM D882
	Elongation, %	180 MD 60 CD	ASTM D882
Adhesive	MACTac MP-880 is a permanent acrylic adhesive with excellent tack and ultimate adhesion to a variety of surfaces. MP-880 is designed for film and paper labeling applications. It exhibits good clarity, low migration, resistance to water whitening, and some open time (please test for suitability).		
	Physical Properties of Adhesive		
	Thickness, inches	0.0008 +/- 10%	
	180° Peel Adhesion, lbs./in.		PSTC-101A
		HDPE: 1.0	
		Stainless Steel: 2.2	
		PP: 1.0	
		Glass: 2.3	
		PET: 2.4	
	Loop Tack (1”), lbs./in.		PSTC-16
		HDPE: 1.3	
		Stainless Steel: 2.7	
		PP: 1.0	
		Glass: 3.4	
		PET: 3.1	
		Temperature Ranges	
		Minimum Application	+40°F (4°C)
	Service Ranges	-65°F to +200°F (-54°C to +93°C)	
		CTM #45 Curwood Polyester Film Dry Surface	
Liner	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)	26.2 +/- 10%	TAPPI T-410
Shelf Life	One year when stored at 72° F and 50% R.H.		

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