

2 mil Clear Polypropylene / MP880 / 1.2 mil PET liner

Description		Applications and End Uses	
Product	2.0 mil clear top coated Polypropylene film featuring an acrylic adhesive designed for prime film labeling and a 1.2 mil PET liner.	Label applications requiring a semi-conformable, clear, “No Label Look” film for food, cosmetic, beverage, and household cleaner market segments. Excellent flexo and thermal transfer printability.	
Face	A 2.0 mil clear, top coated, biaxially oriented polypropylene (BOPP) film designed for applications where ultra clarity is needed for a “no label” look. 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. Great stiffness for efficient dispensability.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.002 (2.0 mil)	ASTM D2103
	Gloss % Reflectance at 45° angle	85	ASTM D2547
	Haze	2.5	ASTM D1003
	Tensile, lbs./in.	20 MD 35 CD	ASTM D882
	Elongation, %	180 MD 55 CD	ASTM D882
	Max Service Temperature	+200°F (+93°C)	
Adhesive	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, resistance to water whitening, and some open time (please test for suitability). Complies with FDA 21 CFR 175.125* (see below).		
	Physical Properties of Adhesive		
	Thickness, inches	0.0008 +/- 10%	
	180° Peel Adhesion, lbs./in.		CTM-8 (30 min. applied) Reference: PSTC-101A
		HDPE: 1.0	
		Stainless Steel: 2.2	
		PP: 1.0	
		Glass: 2.3	
		PET: 2.4	
	Loop Tack (1”), lbs./in.		CTM-25
		HDPE: 1.3	
		Stainless Steel: 2.7	
		PP: 1.0	
		Glass: 3.4	
		PET: 3.1	
	Temperature Ranges		
	Minimum Application	+40°F (4°C)	CTM #45 Curwood
	Service Ranges	-65°F to +350°F (-54°C to +176°C)	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 +/- 10%	TAPPI T-410