

2.0 mil Clear BOPP / ReLatch MP820 / 1.2 mil PET liner

Description		Applications and End Uses	
Product	2.0 mil clear top coated polypropylene with a two-side coated BOPP film with a peel/reseal adhesive and a 1.2 mil PET liner.		Label applications requiring a semi conformable, clear film for use as a resealable/reclosable label. Designed for easy opening and closure cycling of household, personal care and food packaging applications.
Face	A 2 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, letterpress, screen, offset, hot stamping and cold foil stamping systems. Excellent stiffness for automatic label dispensing.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.002 (2.0 mil)	Internal Method
	Tensile, psi	20 MD 35 CD	ASTM D882
	Gloss % (45°)	85	ASTM D2457
	Haze	2.5	ASTM D1003
	Elongation, %	180 MD 55 CD	ASTM D882
	Max Service Temperature	+200°F (+93°C)	
Adhesive	Mactac ReLatch MP820 is a peel/reseal acrylic adhesive with good initial tack but low to medium ultimate adhesion to PP, HDPE and LDPE. Must test on high energy surface substrates such as PET. It exhibits exceptional clarity and resistance to water whitening. Suitable for cold labeling applications and has very good resistance to a variety of chemicals. Complies with FDA 21 CFR 175.125* (see		
	Physical Properties of Adhesive		
	Thickness, inches	0.00065 +/- 10%	
	180° Peel Adhesion, lbs./in.		CTM-8 (30 min. applied) Reference: PSTC-101A
		Polyester: 1.8 Glass: 1.4 Polypropylene: 0.5	
	Loop Tack (1”), lbs./in.		PSTC-16
		Glass: 2.0	
	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
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.

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

**This pressure-sensitive adhesive product may be safely used in applications governed by 21 CFR 175.125 (a) and (b) as the food-contact surface of labels and/or tapes directly applied to the edible surface of poultry, dry food, and processed, frozen, dried, or partially dehydrated fruits or vegetable, or raw fruit and raw vegetables. Conditions of use D through G must be followed.*

Conditions of Use are:

D. Hot filled or pasteurized below 150°F

E. Room temperature filled and stored (no thermal treatment in the container)

F. Refrigerated storage (no thermal treatment in the container)

G. Frozen storage (no thermal treatment in the container))

The end-user is responsible for determining the applicability of FDA requirements for the intended use(s).

SDS *This product is considered non-hazardous and is not subject to the requirement of Safety Data Sheets (SDS – formerly MSDS) in*
MSDS *accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200), European Union Regulation (EC) No. 1272/2008,*
and other similar regulations worldwide.

IMPORTANT NOTICE: The information given and the recommendations made herein are based on our research and are believed to be accurate, but no guarantee of their accuracy or completeness is made. In every case, user shall determine before using any product in full scale production, or in any way, whether such product is suitable for user's intended use for their particular purpose under their own operating conditions. User assumes all risk and liability whatsoever in connection with their use of any product. The products discussed herein are sold without any warranty as to merchantability or fitness for a particular purpose, or any other warranty, express or implied. No representative of ours has any authority to waive or change the foregoing provisions, and no statement or recommendation not contained herein shall have any force of effect unless in an agreement signed by the officers of seller and manufacturer. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without authority from the owner of the patent. The following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace or credit such quantity of the product proved to be defective at its discretion.

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