



# PERFORMANCE GUIDE

Represents Typical Values Only

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**PTW9002**

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## 2.3 mil White Polypropylene / 710VHP / 40# SCK liner

Description	Applications and End Uses			
<b>Product</b>	A 2.3 mil topcoated white biaxially oriented polypropylene with a quick tack permanent adhesive and a 2.4 semi-bleached super calendared kraft liner. The entire construction converts and prints on wider webs and higher-speeds than typical rubber based adhesive coated papers.	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. Excellent flexo and thermal transfer printability.		
<b>Face</b>	A white opaque, solid core, top coated polypropylene semi conformable 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. Proprietary adhesive receptive coating for enhanced adhesive anchorage.			
	<b>Physical Properties Without Adhesive</b>			
	Caliper, inches	0.0023 +/- 10%		ASTM D2103
	Elongation at break, %	95 MD 115 TD		ASTM D822
	Tensile strength, kpsi	23.9 MD 21 TD		ASTM D882
<b>Adhesive</b>	710VHP is a permanent, rubber-based adhesive with excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications. Exceptional high speed and wider web converting.			
	<b>Physical Properties of Adhesive</b>			
	Thickness, inches	0.0007 +/- 10%		
	Peel Adhesion, lbs./in.	Corrugate: 1.3		PSTC-1 (30 min. applied)
		HDPE: 1.8		PSTC-1 (30 min. applied)
		Stainless Steel: 2.7		PSTC-1 (30 min. applied)
	Loop Tack (1"), lbs./in.	Corrugate: 2.3		CTM-25
		HDPE: 3.2		CTM-25
		Stainless Steel: 4.8		CTM-25
	<b>Temperature Ranges</b>			
	Minimum Application	+20°F (-7°C)		CTM #45 Curwood
	Service Ranges	-65°F to +160°F (-54°C to +71°C)		Polyester Film Dry Surface
<b>Liner</b>	A semi-bleached super calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll -to -roll applications.			
	Caliper, inches	0.0024 +/- 10%		TAPPI T-411
	Basis Weight, lbs. (24" x 36"/500 sheets)	40 +/- 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)

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

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