

ALLUR^e 2.3 Mil White Polypropylene

Description		Applications and End Uses	
Product	A 2.3 mil top coated white biaxially oriented polypropylene with an aggressive quick tack permanent adhesive and a 3.2 semi-bleached calendared kraft liner. BS 5609 Compliant. This product conforms to BS 5609: 1986 Section 2 – ‘Marine and Laboratory Performance of Label Base Materials’.		For demanding applications requiring the durability and aesthetics of film with an aggressive adhesive. Recommended for semi-rigid and rigid containers.
Face	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, and hot or cold foiling processes.		
	Physical Properties Without Adhesive		
	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
Adhesive	705VHP is a high-tack rubber-based permanent adhesive formulated to provide excellent adhesion to many difficult substrates. The heavier coat weight of adhesive allows for good flow characteristics which permit adhesion to most rough textured surfaces.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0014 +/- 10%	
	180°Peel Adhesion, lbs./in.	HDPE: 3.7	PSTC-101A (30 min. applied)
		Stainless Steel: 5.4	
	Loop Tack (1”), lbs./in.	HDPE: 3.5	PSTC-16
		Wood: 0.9	
	Temperature Ranges		
	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
Liner	A semi-bleached super calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll -to -roll applications where a more demanding liner may be needed.		
	Caliper, inches	0.0032+/- 10%	TAPPI T-411
	Basis Weight, lbs. (24” x 36”/500 sheets)	50 +/- 10%	TAPPI T-410
Shelf Life	One year when stored at 72° F and 50% R.H.		

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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, 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.

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