



PERFORMANCE GUIDE

Represents Typical Values Only

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AE9001 Uncoated Litho

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Description	Applications and End Uses		
Product	AE9001 is an uncoated litho 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.		
Face	A 60# uncoated, white litho stock that displays good balance in physical properties. An excellent stock for less demanding print applications.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.0047 +/- 10%	TAPPI T-411
	Brightness % Reflectance at 75° angle	84	TAPPI T-452
	Opacity	93	TAPPI T-426
	Tear, grams	60 MD 69 CD	TAPPI T-414
	Tensile, lbs./in.	35 MD 14 CD	TAPPI T-494
	Basis Weight, lbs. (25" x 38"/500 sheets)	60 +/- 10%	TAPPI T-410
Adhesive	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. Very good! high speed and wider web converting.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in.	Corrugate: 1.3	PSTC-2 (30 min. applied)
		HDPE: 1.8	PSTC-2 (30 min. applied)
		Stainless Steel: 2.7	PSTC-2 (30 min. applied)
	Loop Tack (1"), lbs./in.	Corrugate: 2.3	CTM-25
		HDPE: 3.2	CTM-25
		Stainless Steel: 4.8	CTM-25
	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.		
	Caliper, inches	0.0024 +/- 10%	TAPPI T-411
	Basis Weight, lbs. (24" x 36"/500 sheets)	40 +/- 10%	TAPPI T-410
Shelf Life	One year when stored at 72° F and 50% R.H.		

Note: 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

* Values given are typical for unprocessed product and are not for use as specifications. Processing may change the values.

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

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