



PERFORMANCE GUIDE

Represents Typical Values Only

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FSC® AC4502

Revised: 01/2023 MLS

Platinum™ Semi-Gloss

Description	Applications and End Uses		
Product	AC4502 is a bright white semi-gloss coated litho construction with a high tack aggressive permanent adhesive and a 2.4 semi-bleached super calendared kraft liner. FSC Certified. Certificate Number: FSC-C161021.		
Face	Platinum Semi-Gloss is a very bright, white semi-gloss coated sheet with exceptional ink receptivity and high internal strength characteristics for high speed printing and converting.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.0030 +/- 10%	TAPPI T-411
	Brightness % Reflectance at 75° angle	89	TAPPI T-452
	Gloss % Reflectance at 75° angle	75	TAPPI T-480
	Opacity	86	TAPPI T-425
	Tear, grams	42 MD 50 CD	TAPPI T-414
	Tensile, lbs./in.	36 MD 16 CD	TAPPI T-494
	Basis Weight, lbs. (25" x 38"/500 sheets)	59 +/- 10%	TAPPI T-410
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. Suitable for cold, damp labeling applications.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0014 +/- 10%	
	90° Peel Adhesion, lbs./in.	HDPE: 2.0 Wood: 1.7 Cement Block: 0.7 Stainless Steel: 3.0	PSTC-101F (30 min. applied)
	Loop Tack (1"), lbs./in.	HDPE: 3.5 Wood: 0.9	PSTC-16
	Temperature Ranges		
	Minimum Application	20° F (-6.6°C)	CTM #45 Curwood
	Service Ranges	-65 to +150° F (-54 to +66°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.		

This product complies with CONEG regulations.

All Mactac Roll Label products meet the requirements of the Clean Air Act of 1990.

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.

* 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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