



# PERFORMANCE GUIDE

## Represents Typical Values Only

www.Mactac.com

### SMP4502

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### Bright Silver Metalized Paper

Description		Applications and End Uses		
Product	SMP4502 is a mirror finish, bright silver metalized paper with a high tack aggressive permanent adhesive and a 2.45 semi-bleached calendared kraft liner.		For demanding applications requiring an extremely aggressive permanent adhesive and a deluxe appearance of metalized paper. Markets include: food, cosmetic, toiletries, beverage and more.	
Face	A mirror finished metalized facestock. Acrylic topcoated for high quality printing with flexo inks.			
Physical Properties Without Adhesive				
	Caliper, inches	0.0028 +/- 10%		TAPPI T-411
	Tear, grams	35 MD 38 CD	TAPPI T-414	
	Tensile, lbs./in.	27 MD 15 CD	TAPPI T-494	
	Basis Weight, lbs. (25" x 38"/500 sheets)	56 +/- 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%		
	Peel Adhesion, lbs./in.	HDPE: 2.0		PSTC-101F (30 min. applied)
		Wood: 1.7		
		Cement Block: 0.7		
		Stainless Steel: 3.0		
	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 +150°F (-54°C to +66°C)		Polyester Film Dry Surface
Liner	A semi-bleached calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll -to -roll applications.			
	Caliper, inches	0.00245 +/- 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.

The user is responsible for determining the product's suitability for all aspects of the applications. If there are any questions about applications, ore 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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