

### SMP9002

### Bright Silver Metalized Paper

Revised: 11/2019 SLD

Description	Applications and End Uses		
<b>Product</b>	SMP9002 is a mirror finish, bright silver metalized paper 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.		
<b>Face</b>	A mirror finished metalized facestock. Acrylic topcoated for high quality printing with flexo inks.		
	<b>Physical Properties Without Adhesive</b>		
	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
<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. Very good high speed and wider web converting.		
	<b>Physical Properties of Adhesive</b>		
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in.	Corrugate: 1.3 HDPE: 1.8 Stainless Steel: 2.7	PSTC-101F (30 min. applied)
	Loop Tack (1"), lbs./in.	Corrugate: 2.3 HDPE: 3.2 Stainless Steel: 4.8	PSTC-16
	Temperature Ranges		

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# PERFORMANCE GUIDE

## Represents Typical Values Only

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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
Tear, grams	33g MD 37g CD	TAPPI T-414
Tensile, lbs./in	41.5# MD / 20# CD	TAPPI T-494

**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)

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