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PERFORMANCE GUIDE

Represents Typical Values Only

54# UV Inkjet Semigloss Brilliant White Semi-Gloss UV Inkjet

Revised: 01/2021 SLD

Description		Applications and End Uses	
Product	UVS9002 is a 54# brilliant white UV inkjet printable semi-gloss coated litho construction with a quick tack permanent adhesive and a 2.4 semi-bleached super calendered kraft liner. The entire construction converts and prints on wider webs at higher speeds than typical rubber based adhesive coated papers. Printable on: UV Inkjet, UV Flexo, Flexographic, Letterpress, Offset, and Silk screen.		
Face	54# UV Inkjet is a brilliant white semi-gloss coated sheet for UV Inkjet applications with outstanding ink receptivity and high internal strength characteristics for high speed UV printing and converting. The sheet has exceptional smoothness, whiteness and opacity.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.0027 +/- 10%	TAPPI T-411
	Brightness % Reflectance at 75° angle	88	TAPPI T-452
	Gloss % Reflectance at 75° angle	75	TAPPI T-480
	Opacity	86	TAPPI T-425
	Parker Smoothness	0.90	TAPPI T-555
	Tear, grams	40 MD 45 CD	TAPPI T-414
	Tensile, lbs./in.	32 MD 15 CD	TAPPI T-494
	Gurley Stiffness	89 MD 54 CD	TAPPI T-543
		TAPPI T-410	
	Basis Weight, lbs. (25" x 38"/500 sheets)	55+/- 10%	
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-101F (30 min. applied)
	HDPE: 1.8		
	Stainless Steel: 2.7		
Loop Tack (1"), lbs./in.	Corrugate: 2.3		PSTC-16
	HDPE: 3.2		
	Stainless Steel: 4.8		
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 calendered kraft (SCK) 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

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.

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



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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: *Mactac highly recommends sufficient testing on the material in its intended design prior to use.*

The values listed below represent testing performed on material that is currently in the experimental phase.

Mactac does not certify this material in any way, nor, is it responsible to provide a corrective action for any non-conformances. In the event a provisional specification is created, Mactac has the right to make any changes necessary, until the qualification process is complete, and the final product specification has been approved.

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