



PERFORMANCE GUIDE

Represents Typical Values Only

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VYG9511

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3.4 mil Topcoated Yellow Vinyl / ST95 / 3.2 mil SCK

Description		Applications and End Uses	
Product	VYG9511 is a 3.4 mil yellow topcoated flexible vinyl with a permanent adhesive with a 3.2 kraft liner. This product is ideal for outdoor promotional needs.	Vinyl construction for label applications requiring outdoor durability.	
Face	The face film is a top coated yellow, flexible PVC film, polymerically plasticized for minimal shrinkage and dimensional stability. It can be used indoors and outdoors as a primary label, and works applications requiring wall-to-wall squeezability. The top coating on this product is designed for flexographic and offset printing.		
Physical Properties Without Adhesive			
Caliper, in	0.0034	ASTM D2103	
Tensile at Yield (MD/CD)	11.6/10.5 PPIW	ASTM D882	
Tensile at Break (MD/CD)	13.0/12.0 PPIW	ASTM D882	
Elongation at Yield	8.1/7.5%	ASTM D882	
Elongation at Break (MD/CD)	98/250%	ASTM D882	
1% Secant Modulus (MD/CD)	52,070/52,070 PSI	ASTM D882	
Tear Strength (MD/CD)	73/89 grams	ASTM D1922	
Opacity	93.6	ASTM D1746	
Adhesive	ST95 is a general-purpose permanent acrylic emulsion with aggressive initial tack, excellent ultimate adhesion and mandrel hold. Very good adhesion to corrugated, glass, and various plastic substrates. Also used in healthcare applications and considered to be latex glove friendly.		
Physical Properties of Adhesive			
Thickness, inches	0.0007 +/- 10%		
Peel Adhesion, lbs./in.	2.6	PSTC-101A (30 min. applied)	
Temperature Ranges			
Minimum Application	+25°F (-4°C)	CTM #45 Curwood	
Service Ranges	-75°F to +200°F (-59°C to +93°C)	Polyester Film Dry Surface	
Liner	A semi-bleached kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll -to -roll applications where a more demanding may be needed.		
Caliper, inches	0.0032 +/- 10%	TAPPI T-411	
Basis Weight, lbs. (24" x 36"/500 sheets)	50 +/- 10%	TAPPI T-410	
Shelf Life	One year when stored at 72° F and 50% R.H.		

Opticlear® is a registered trademark of Morgan Adhesives Company
This product complies with CONEG regulations.
All MACTac Roll Label products meet the requirements of the Clean Air Act of 1990.

***NOTE: The data presented is believed to be accurate but should be considered as typical values only. This product should be tested thoroughly under end-use conditions to ensure it meets the requirements of the specific application.**

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

IMPORTANT NOTICE: The information given and recommendations made herein are based on our research and are believed to be accurate. In every case, user shall determine before using any product in full scale production, whether such product is suitable for their particular purpose under their own operating conditions. User assumes all risk and liability whatsoever in connection with their use of any product. The products discussed herein are sold without any warranty as to merchantability or any other warranty, expressed or implied. No representative of ours has any authority to waive or change the foregoing provisions unless in a specific agreement signed by the officers of seller and manufacturer. Ultimately, sellers and manufacturers only obligation shall be to replace or credit such quantity of the product proved to be defective at its discretion.

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