

VYG9511

Revised: 03/11

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	ASTM D882	
	Tear Strength (MD/CD)	PSI	ASTM D1922	
	Opacity	73/89 grams	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-1 (30 min. applied)	
	Temperature Ranges			
	Minimum	+25°F (-4°C)	CTM #45 Curwood	
	Application	-75°F to +200°F (-59°C to	Polyester Film Dry	
	Service Ranges	+93°C)	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.			

* Values given are typical for unprocessed product and are not for use as specifications. Processing may change the values.



PERFORMANCE GUIDE

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This product complies with CONEG regulations.

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

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