



PERFORMANCE GUIDE

Represents Typical Values Only

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PF4512

Vivid™ 2 Clear Polypropylene

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Description	Applications and End Uses		
Product	PF4512 is a 2.0 mil clear top coated polypropylene film with an aggressive quick tack permanent adhesive and a 3.2 mil semi-bleached super calendared kraft liner.		Label applications requiring a semi-conformable clear film in market segments with an aggressive adhesive.
Face	A 2 mil clear polypropylene film top coated film for superior graphics. Economic alternative where ultra clarity is needed. Not recommended for outdoor use.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.002 (2 mil)	ASTM D2103
	Elongation, % (YIELD)	12 MD 48 CD	ASTM D882
	Tensile, lbs./in. (YIELD)	15 MD 68 CD	ASTM D882
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.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0014 +/- 10%	
	Peel Adhesion, lbs./in.	HDPE: 3.7 Stainless Steel: 5.4	PSTC-101A (30 min. applied)
	Loop Tack (1"), lbs./in.	HDPE: 3.5 Wood: 0.9	PSTC-16
	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 calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll -to -roll applications.		
	Caliper, inches	0.0032 +/- 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.		

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

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

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