



PERFORMANCE GUIDE

Represents Typical Values Only

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PF9002-78

Vivid™ 2 Clear Polypropylene

Revised: 06/2017 KSM

Description

Applications and End Uses

Product	PF9002-78 is a 2.0 mil clear top coated polypropylene film with a quick tack permanent adhesive and a 2.4 mil 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.	Label applications requiring a semi-conformable clear film in market segments: food, cosmetic, beverage, household cleaner and more.
Face	Vivid™ 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

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-1 (30 min. applied)
	HDPE: 1.8	PSTC-1 (30 min. applied)
	Stainless Steel: 2.7	PSTC-1 (30 min. applied)
Loop Tack (1"), lbs./in.	Corrugate: 2.3	CTM-25
	HDPE: 3.2	CTM-25
	Stainless Steel: 4.8	CTM-25
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	0.0024 +/- 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, 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 at www.MACTac.com

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

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