



PERFORMANCE GUIDE

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PF9072 Opticlear® 2 Clear Polypropylene

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Description	Applications and End Uses		
Product	PF9072 is a 2.0 mil clear topcoated polypropylene film with a quick tack permanent adhesive and a 2.5 mil NK liner. The entire construction converts and prints on wider webs and higher-speeds than typical rubber based adhesive coated papers.		
Face	A 2 mil clear polypropylene film topcoated 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. Exceptional high speed and wider web converting. Complies with FDA 21 CFR 175.105.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in.	Corrugate: 1.3	PSTC-101A (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)	
	Service Ranges	-65°F to +160°F (-54°C to +71°C)	
		CTM #45 Curwood Polyester Film Dry Surface	
Liner	An unbleached super-calendared natural kraft liner excellent for die cutting and stripping. The liner is coated with a release system designed specifically for label dispensing. Primarily for roll -to -roll applications.		
	Caliper, inches	0.0025 +/- 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.

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

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