



PERFORMANCE GUIDE

Represents Typical Values Only

GFC7802

Vivid™ 2 Mil Clear Polystyrene

Revised: 10/2017 KSH

Description	Applications and End Uses			
Product	GFC7802 A 2.0 mil clear polystyrene with a quick tack All Temp permanent adhesive and a 2.4 semi-bleached super calendared kraft liner.	For prime labeling applications requiring the durability and aesthetics of film. Recommended for semi-rigid and rigid containers. Market segments: food packaging and those with cold damp substrates.		
Face	Optically clear high gloss polystyrene is corona treated for printing. Designed for indoor use as a coupon base and as a primary label in non-conformable applications. Smooth containers should be used in labeling applications to avoid air bubble entrapment with automatic dispensing.			
	Physical Properties Without Adhesive			
	Caliper, inches	0.002 +/- 10%	ASTM D2103	
	Elongation, % (YIELD)	4.6 MD 5 CD	ASTM D882	
	Tensile, lbs./in. (YIELD)	22.4 MD 21 CD	ASTM D882	
Adhesive	Chill is an All Temp permanent, rubber-based adhesive that performs well in normal to freezer temperature applications. Chill has excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications.			
	Physical Properties of Adhesive			
	Thickness, inches	0.0007 +/- 10%		
	180° Peel Adhesion, lbs./in.	Corrugate: 2.6	PSTC-101A (30 min. applied)	
		HDPE: 3.6	PSTC-101A (30 min. applied)	
		Stainless Steel: 3.6	PSTC-101A (30 min. applied)	
	Loop Tack (1"), lbs./in.	Corrugate: 1.6	PSTC-16	
		HDPE: 2.3	PSTC-16	
		Stainless Steel: 4.9	PSTC-16	
	Temperature Ranges			
	Minimum Application	-10°F (-23.33°C)	CTM #45 Curwood	
	Service Ranges	-65°F to +150°F (-54°C to 65.6°C)	Polyester Film Dry Surface	
Liner	A 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)	39.5 +/- 10%	TAPPI T-410	
Shelf Life	One year when stored at 72° F and 50% R.H.			

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Label-Lyte® is a registered Trademark of the ExxonMobil 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

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