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# PERFORMANCE GUIDE

Represents Typical Values Only

## MT9008 Durascan® PCL Clear Thermal Transfer Film

Revised: 7/2019 RDF

Description	Applications and End Uses			
<b>Product</b>	MT9008 is a clear thermal transfer printable film* with a quick tack permanent adhesive and a 2.4 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.	For thermal transfer label applications requiring a clear film. Human readable data only. Designed for indoor use.		
<b>Face</b>	Optically clear high gloss polystyrene is suitable for thermal transfer printing. Designed for indoor use and human readable data only.			
	<b>Physical Properties Without Adhesive</b>			
	Caliper	2.0 mils	ASTM D2103	
	Tensile at Yield (MD/CD)	22.4/21.0 PPIW	ASTM D882	
	Tensile at Break (MD/CD)	24.5/22.0 PPIW	ASTM D882	
<b>Adhesive</b>	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.			
	<b>Physical Properties of Adhesive</b>			
	Thickness, inches	0.0007 +/- 10%		
	Peel Adhesion, lbs./in.	Corrugate: 1.3 HDPE: 1.8 Stainless Steel: 2.7	PSTC-101A (30 min. applied)	
	Loop Tack (1"), lbs./in.	Corrugate: 2.3 HDPE: 3.2 Stainless Steel: 4.8	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	
<b>Liner</b>	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	
<b>Shelf Life</b>	One year when stored at 72° F and 50% R.H.			

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



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Durascan is a registered trademark of the Morgan Adhesives Company

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](http://www.mactac.com).

***\* NOTE: Thermal transfer printing quality and bar code scannability are dependent upon the interworking of several elements; the ribbon, the printhead and the facstock. Please test all applications. Consult MACtac's Technical Marketing Department for guidelines regarding printer and ribbon compatibility.***

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