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PERFORMANCE GUIDE

Represents Typical Values Only

MT9510

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Durascan® F Thermal Transfer Film

Description	Applications and End Uses		
Product	MT9511 2 mil top-coated, white polyester with a permanent acrylic adhesive and a 3.2 semi-bleached super calendared kraft liner.		Thermal transfer requiring the strength and durability of polyester film.
Face	A 2 mil white polyester specially selected to provide an excellent thermal transfer printing surface.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.002 (2 mils)	ASTM D-2103
	Tensile, lbs./in.	50 MD 62 CD	TAPPI-494
	Elongation at break, %	140 MD 85 CD	ASTM D-882
Adhesive	ST95 is a permanent acrylic emulsion with aggressive initial tack, excellent ultimate adhesion and mandrel hold. Very good adhesion to corrugated, glass, and various plastic substrates. Considered to be latex glove friendly for use in some healthcare applications.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in.	2.6	PSTC-101F (30 min. applied)
	Temperature Ranges		
	Minimum Application	+25°F (-4°C)	CTM #45 Curwood
	Service Ranges	-75°F to +200°F (-59°C to +93°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 where a more demanding liner may be needed.		
	Caliper, inches	0.0032+/- 10%	TAPPI T-411
	Basis Weight, lbs. (24" x 36"/500 sheets)	50 +/- 10%	TAPPI T-410
Shelf Life	One year when stored at 72° F and 50% R.H.		

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.

*** 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.**

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

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