

TL9502

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Durascan® L Thermal Transfer Film

Description	Applications and End Uses		
Product	TL9502 is a matte white thermal transfer printable polypropylene with a permanent adhesive and a 2.4 semi-bleached super calendared kraft liner.		An economical choice for applications requiring a thermal transfer film label.
Face	A 3.0 mil thermal transfer printable, opaque matte white, biaxially oriented, coated polypropylene.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.0030	ASTM D-2103
	Tensile @ Break, lbs./in.	34 MD 72 CD	ASTM D-882
	Elongation, %	150 MD	ASTM D-882
	Opacity, %	94	TAPPI 425
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 or paper tear	PSTC-101A (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.		
	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.		

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

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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