

### TL5102

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## Durascan<sup>®</sup> L Thermal Transfer Film

Description	Applications and End Uses		
<b>Product</b>	TL5102 is a matte white thermal transfer printable polypropylene with general purpose removable adhesive and a 2.4 mil super calendared kraft liner.		An economical choice for applications requiring a thermal transfer film label and a general-purpose removable adhesive.
<b>Face</b>	A 3.0 mil thermal transfer printable, matte white, biaxially oriented, coated polypropylene.		
	<b>Physical Properties Without Adhesive</b>		
	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
<b>Adhesive</b>	HR-51 is a general-purpose acrylic based removable adhesive with excellent long-term removability from a wide variety of surfaces. Always pretest removable adhesives for suitability in each particular end use application.		
	<b>Physical Properties of Adhesive</b>		
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in. 30 minutes applied/90° angle.	Stainless Steel: .8	PSTC-101A (30 min. applied)
	Loop Tack, lbs./in.	1.2	PSTC-16
	Temperature Ranges		
	Minimum Application	+32°F (0°C)	
	Service Ranges	-40°F to +200° F (-40 to +93°C)	
<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.		

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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 facestock. Please test all applications. Consult MACTac's Technical Marketing Department for guidelines regarding printer and ribbon compatibility.**

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