

TL2602

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Durascan® L Thermal Transfer Film

Description	Applications and End Uses		
Product	TL2602 is a matte white thermal transfer printable polypropylene with an all temperature acrylic adhesive and a 2.4 mil super calendared kraft liner.		An economical choice for applications requiring a thermal transfer film label and an all temperature adhesive.
Face	A 3.0 mil thermal transfer printable, 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	An all temperature acrylic adhesive that performs in both cold and damp environments and in elevated temperature applications. 640 AT converts well on today's faster and wider presses. 640AT exhibits some open time on some substrates (please test) and develops a permanent bond to a wide variety of substrates.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in. 30 minutes applied/180° angle.	Stainless Steel: 2.6	PSTC-101A (30 min. applied)
	Loop Tack, lbs./in.	2.4	PSTC-16
	Temperature Ranges		
	Minimum Application	-20°F (-29°C) on most surfaces	
	Service Ranges	-65°F to +200° F (-54 to +93°C)	
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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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.**

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