

TL7002

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Durascan[®] L Thermal Transfer Film

Description		Applications and End Uses	
Product	TL7002 is a matte white thermal transfer printable polypropylene with a direct food contact approved quick tack permanent rubber-based 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.		An economical choice for applications requiring a thermal transfer printable film label.
Face	3.0 mil thermal transfer printable, opaque matte white, biaxially oriented, coated polypropylene.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.028	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	711VHP is a cold temperature, permanent, rubber-based adhesive with excellent tack and ultimate adhesion to a wide variety of surfaces, including most packaging films.		
	FDA approved for direct food contact under 21 CFR Section 175.125(a) and (b). Section 175.125(a) pertains to adhesive that are “used as the food-contact surface of labels and/or tapes applied to poultry, dry food, and processed, frozen, dried, or partially dehydrated fruits or vegetables”. Section 175.125(b) pertains to adhesives that are “used as the food-contact surface of labels and/or tapes applied to raw fruit and raw vegetables”.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in.	Corrugate: 1.3	PSTC-101A (30 min. applied)
		HDPE: 1.8	
		Stainless Steel: 2.7	
	Loop Tack (1”), lbs./in.	Corrugate: 2.3	PSTC-16
		HDPE: 3.2	
		Stainless Steel: 4.8	
	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
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, 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

*** 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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