

TL8602

Revised: 07/2019 CNS

Durascan® L Thermal Transfer Film

Description	Applications and End Uses			
Product	TL8602 is a bright white BOPP film with a removable acrylic based adhesive with a 2.4 semi-bleached super calendared kraft liner.	Thermal transfer labels recommended for short outdoor durability labeling, shelf marking, parts and inventory labels and anywhere a strong, durable label with removable adhesive is needed.		
Face	A 3.0 mil thermal transfer printable, opaque matte white, biaxially oriented, coated polypropylene.			
	Physical Properties Without Adhesive			
	Caliper, inches	0.003+/- 10%	TAPPI T-411	
	Opacity	94% Min	TAPPI T-425	
	Tensile@ Break, lbs./in.	34 MD 72 CD	ASTM D-882	
	Elongation, %	150 MD	ASTM D-882	
Adhesive	MR860 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.			
	Physical Properties of Adhesive			
	Thickness, inches	0.0007 +/- 10%		
	Peel Adhesion, lbs./in.	Stainless Steel: 0.8 Glass: 0.7 HDPE: 0.7 PVC: 0.8	PSTC-101A (7 days applied)	
	Photographic Activity Test (PAT)	Passes	ISO 18916	
	LHAMA *	(CFR) Title 16 (CPSC) Part 1500.14(b)(8)	ASTM D4236	
	TRA*	16 CFR 1500.3(b)(5), (7)- (9) FHSA	C.R.C., c. 931 sec. (10) & (11)	
	Temperature Ranges			
	Minimum Application	+25° F (-4°C) on most surfaces	CTM #45 Curwood	
	Service Ranges	-40 to +200° F (-40 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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*** 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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