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PERFORMANCE GUIDE

Represents Typical Values Only

TT8602 Optiscan® 2C Thermal Transfer

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Description	Applications and End Uses		
Product	TT8602 is a premium thermal transfer paper construction with a removable adhesive and a 2.4 semi-bleached super calendared kraft liner.	Intended for thermal transfer label applications requiring a removable adhesive. *Compatible with most thermal transfer ribbons designed for coated papers.	
Face	A premium bright white, coated facestock designed for high-speed thermal transfer printing. This smooth, smudge resistant face offers great thermal transfer printing and excellent flexo printing.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.0029 +/- 10%	TAPPI T-411
	Brightness % Reflectance at 75° angle	87	TAPPI T-452
	Opacity	87	TAPPI T-426
	Stiffness	150 MD 100 CD	TAPPI T-543
	Tear, grams	40 MD 50 CD	TAPPI T-414
	Tensile, lbs./in.	28 MD 17 CD	TAPPI T-494
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. Test extensively on corrugate substrates. NOT RECOMMENDED FOR MANDREL APPLICATIONS.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in.	Stainless Steel = 0.7 Glass = 0.6 HDPE = 0.6 PVC = 0.8	PSTC-101F (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.		

Optiscan is a registered trademark of Morgan Adhesives Company

Note: 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.

CALL 1-800-548-3456 for additional product information

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