

TT8402

Revised: 02/2025 EAS

FSC® Optiscan® 2C Thermal Transfer

Description		Applications and End Uses	
Product	TT8402 is a premium thermal transfer paper construction with an ultra removable adhesive and a 2.4 semi-bleached super calendared kraft liner. Demonstrates long term, clean removability across a wide variety of substrates.	Applications include thermal transfer printed point of sale promotions, information processing, work-in-process labels, pricing and promotion on mirrors, house wares, office supplies, software, automotive products, toys, crafts, lawn and garden products etc.	
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. FSC Certified. Certificate Number: SCS-COC-007635		
	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-425
	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	MR840 is an ultra-removable acrylic emulsion adhesive characterized by low ultimate adhesion to most substrates. Not recommended for curved surfaces or Corrugated. Testing is highly recommended.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0007 +/- 10%	
	Peel Adhesion, lbs./in.	Stainless Steel: .22 Glass: .2 HDPE: .31 PVC: .35	PSTC-101F (7 days applied)
	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: 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.

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