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# PERFORMANCE GUIDE

## Represents Typical Values Only

### TT2901

Revised: 07/2019 CNS

### Optiscan® 2C Thermal Transfer

Description	Applications and End Uses			
<b>Product</b>	TT2901 is a premium thermal transfer paper with an ultra removable and repositionable adhesive and a 2.4 semi-bleached super calendared kraft liner.	Intended for thermal transfer label applications requiring an ultra removable and repositionable temperature adhesive. *Compatible with most thermal transfer ribbons designed for coated papers.		
<b>Face</b>	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.			
	<b>Physical Properties Without Adhesive</b>			
	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	
<b>Adhesive</b>	1001 is a removable acrylic emulsion adhesive characterized by ultra repositionability, limited initial tack and low ultimate adhesion to most substrates. Not recommended for curved surfaces or Kromekote. Testing is highly recommended. 105			
	<b>Physical Properties of Adhesive</b>			
	Thickness, inches	0.0005 +/- 10%		
	Peel Adhesion, lbs./in.	.18	PSTC-101F (30 min. applied)	
	Temperature Ranges			
	Minimum Application	+45° F (+7°C) on most surfaces	CTM #45 Curwood	
	Service Ranges	-50 to +150° F (-45 to +66°C)	Polyester Film Dry Surface	
<b>Liner</b>	A semi-bleached super calendared kraft liner excellent for die cutting and stripping. 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	
<b>Shelf Life</b>	One year when stored at 72° F and 50% R.H.			

\* 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.

\*\*Testing on 1001 has yielded residue free removability from most substrates except some styrene materials and cast-coated papers. Testing on cast-coated papers indicates that 1001 will remove from cast coated papers but will leave behind a moderate adhesive residue. This is a low release product and should be treated as such. Not recommended for automatic dispensing. Converting trials recommended. Sample rolls are available from your MACTac Customer Service Representative.

Optiscan is a registered trademark of Morgan Adhesives Company

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.

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



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