

Description	Applications and End Uses																	
Product	<p>TTK2652-7 is a 34# paper with an all temperature permanent adhesive and Bloom® hi.impact™ 1.6 mil white glassine liner.</p> <p>Intended for thermal transfer label applications requiring an all temperature adhesive. *Compatible with most thermal transfer ribbons designed for coated papers.</p>																	
Face	<p>A bright white, facestock designed for high-speed thermal transfer printing. This smooth, smudge resistant face offers great thermal transfer printing and good flexo printing.</p> <p>Physical Properties Without Adhesive</p> <table border="1"> <tr> <td>Caliper, inches</td> <td>0.0025 +/- 10%</td> <td>ISO 534</td> </tr> <tr> <td>Brightness % Reflectance at 75° angle</td> <td>86</td> <td>ISO 2470</td> </tr> <tr> <td>Opacity</td> <td>76</td> <td>ISO 2471</td> </tr> <tr> <td>Tear, grams</td> <td>35 MD 35 CD</td> <td>ISO 1974</td> </tr> <tr> <td>Tensile, lbs./in.</td> <td>23 MD 14.5 CD</td> <td>ISO 1924</td> </tr> </table>			Caliper, inches	0.0025 +/- 10%	ISO 534	Brightness % Reflectance at 75° angle	86	ISO 2470	Opacity	76	ISO 2471	Tear, grams	35 MD 35 CD	ISO 1974	Tensile, lbs./in.	23 MD 14.5 CD	ISO 1924
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Adhesive	<p>An all temperature acrylic adhesive that performs well in normal to freezer temperature applications. 640AT exhibits open time on some substrates (please test) and develops a permanent bond to a wide variety of substrates.</p> <p>Physical Properties of Adhesive</p> <table border="1"> <tr> <td>Thickness, inches</td> <td>0.0007 +/- 10%</td> <td></td> </tr> <tr> <td>Peel Adhesion, lbs./in.</td> <td>1.8</td> <td>PSTC-101F (30 min. applied)</td> </tr> <tr> <td>Temperature Ranges</td> <td></td> <td></td> </tr> <tr> <td>Minimum Application</td> <td>-20° F (-29°C) on most surfaces</td> <td>CTM #45 Curwood Polyester Film Dry Surface</td> </tr> <tr> <td>Service Ranges</td> <td>-65 to +200° F (-54 to +93°C)</td> <td></td> </tr> </table>			Thickness, inches	0.0007 +/- 10%		Peel Adhesion, lbs./in.	1.8	PSTC-101F (30 min. applied)	Temperature Ranges			Minimum Application	-20° F (-29°C) on most surfaces	CTM #45 Curwood Polyester Film Dry Surface	Service Ranges	-65 to +200° F (-54 to +93°C)	
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Liner	<p>Bloom hi.impact is a glassine liner excellent for die cutting, stripping and label dispensing. Primarily for roll -to -roll applications.</p> <table border="1"> <tr> <td>Caliper, inches</td> <td>0.0016 +/- 10%</td> <td>TAPPI T-411</td> </tr> <tr> <td>Basis Weight, lbs. (24" x 36"/500 sheets)</td> <td>27.7 +/- 10%</td> <td>TAPPI T-410</td> </tr> </table>			Caliper, inches	0.0016 +/- 10%	TAPPI T-411	Basis Weight, lbs. (24" x 36"/500 sheets)	27.7 +/- 10%	TAPPI T-410									
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Shelf Life	<p>One year when stored at 72° F and 50% R.H.</p>																	

Optiscan is a registered trademark of Morgan Adhesives Company
 This product complies with CONEG regulations. All MACTac Roll Label products meet the requirements of the Clean Air Act of 1990.
 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 facestock. Please test all applications. Consult Mactac's Technical Marketing Department for guidelines regarding printer and ribbon compatibility.**

IMPORTANT NOTICE: The information given, and recommendations made herein are based on our research and are believed to be accurate. In every case, user shall determine before using any product in full scale production, whether such product is suitable for their particular purpose under their own operating conditions. User assumes all risk and liability whatsoever in connection with their use of any product. The products discussed herein are sold without any warranty as to merchantability or any other warranty, expressed or implied. No representative of ours has any authority to waive or change the foregoing provisions unless in a specific agreement signed by the officers of seller and manufacturer. Ultimately, sellers and manufacturers only obligation shall be to replace or credit such quantity of the product proved to be defective at its discretion.

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