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TT1752-7

Rev: 12/2020 CNS

Optiscan® 2C Thermal Transfer

Description	Applications and End Uses																										
Product	<p>TT1752-7 is a premium thermal transfer paper with a quick tack permanent adhesive and Bloom® hi.impact™ 1.6 mil white glassine liner. The entire construction converts and prints on wider webs and higher speeds than typical adhesive coated papers.</p>																										
Face	<p>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</p> <p>Physical Properties Without Adhesive</p> <table border="1"> <tr> <td>Caliper, inches</td> <td>0.0029 +/- 10%</td> <td>TAPPI T-411</td> </tr> <tr> <td>Brightness % Reflectance at 75° angle</td> <td>87</td> <td>TAPPI T-452</td> </tr> <tr> <td>Opacity</td> <td>87</td> <td>TAPPI T-426</td> </tr> <tr> <td>Stiffness</td> <td>150 MD 100 CD</td> <td>TAPPI T-543</td> </tr> <tr> <td>Tear, grams</td> <td>40 MD 50 CD</td> <td>TAPPI T-414</td> </tr> <tr> <td>Tensile, lbs./in.</td> <td>28 MD 17 CD</td> <td>TAPPI T-494</td> </tr> </table>			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						
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Adhesive	<p>InFusion™ is a Hybrid Adhesive System with excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications. Exceptional high speed and wider web converting.</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>HDPE: 1.8</td> <td>PSTC-101F (30 min. applied)</td> </tr> <tr> <td></td> <td>Stainless Steel: 2.7</td> <td></td> </tr> <tr> <td>Loop Tack (1"), lbs./in.</td> <td>HDPE: 3.2</td> <td>PSTC-16</td> </tr> <tr> <td></td> <td>Stainless Steel: 4.8</td> <td></td> </tr> <tr> <td>Temperature Ranges</td> <td></td> <td></td> </tr> <tr> <td>Minimum Application</td> <td>+20°F (-7°C)</td> <td>CTM #45 Curwood</td> </tr> <tr> <td>Service Ranges</td> <td>-65°F to +160°F (-54°C to +71°C)</td> <td>Polyester Film Dry Surface</td> </tr> </table>			Thickness, inches	0.0007 +/- 10%		Peel Adhesion, lbs./in.	HDPE: 1.8	PSTC-101F (30 min. applied)		Stainless Steel: 2.7		Loop Tack (1"), lbs./in.	HDPE: 3.2	PSTC-16		Stainless Steel: 4.8		Temperature Ranges			Minimum Application	+20°F (-7°C)	CTM #45 Curwood	Service Ranges	-65°F to +160°F (-54°C to +71°C)	Polyester Film Dry Surface
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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.

Thermal transfer printing quality and bar code scannability are dependent upon the interworking of several elements; the ribbon, the print head and the facestock. Please test all applications. Consult Mactac's Technical Marketing Department for guidelines regarding printer and ribbon compatibility.

Note: The user is responsible for determining the product's suitability for all aspects of the applications. 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

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

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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