



PERFORMANCE GUIDE

Represents Typical Values Only

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UVS7802 54# UV Inkjet Semigloss

Revised: 08/2021 SLD

Description	Applications and End Uses																																										
Product	<p>UVS7802 is a 54# brilliant white UV inkjet printable semi-gloss coated litho construction with our Chill AT® adhesive and a 2.4 semi-bleached super calendared kraft liner. The entire construction converts and prints on wider webs at higher speeds than typical rubber based adhesive coated papers.</p> <p>Ideal for high quality prime labeling applications in a number of markets: food, cosmetic, beverage, household cleaners and more.</p>																																										
Face	<p>54# UV Inkjet is a brilliant white semi-gloss coated sheet for UV Inkjet applications with outstanding ink receptivity and high internal strength characteristics for high speed UV printing and converting. The sheet has exceptional smoothness, whiteness and opacity.</p> <p>Physical Properties Without Adhesive</p> <table border="1"> <tbody> <tr> <td>Caliper, inches</td> <td>0.0027 +/- 10%</td> <td></td> <td>TAPPI T-411</td> </tr> <tr> <td>Brightness % Reflectance at 75° angle</td> <td>88</td> <td></td> <td>TAPPI T-452</td> </tr> <tr> <td>Gloss % Reflectance at 75° angle</td> <td>75</td> <td></td> <td>TAPPI T-480</td> </tr> <tr> <td>Opacity</td> <td>86</td> <td></td> <td>TAPPI T-425</td> </tr> <tr> <td>Parker Smoothness</td> <td>0.90</td> <td></td> <td>TAPPI T-555</td> </tr> <tr> <td>Tear, grams</td> <td>40 MD 45 CD</td> <td></td> <td>TAPPI T-414</td> </tr> <tr> <td>Tensile, lbs./in.</td> <td>32 MD 15 CD</td> <td></td> <td>TAPPI T-494</td> </tr> <tr> <td>Gurley Stiffness</td> <td>89 MD 54 CD</td> <td></td> <td>TAPPI T-543</td> </tr> <tr> <td></td> <td></td> <td></td> <td>TAPPI T-410</td> </tr> <tr> <td>Basis Weight, lbs. (25" x 38"/500 sheets)</td> <td>55 +/- 10%</td> <td></td> <td></td> </tr> </tbody> </table>			Caliper, inches	0.0027 +/- 10%		TAPPI T-411	Brightness % Reflectance at 75° angle	88		TAPPI T-452	Gloss % Reflectance at 75° angle	75		TAPPI T-480	Opacity	86		TAPPI T-425	Parker Smoothness	0.90		TAPPI T-555	Tear, grams	40 MD 45 CD		TAPPI T-414	Tensile, lbs./in.	32 MD 15 CD		TAPPI T-494	Gurley Stiffness	89 MD 54 CD		TAPPI T-543				TAPPI T-410	Basis Weight, lbs. (25" x 38"/500 sheets)	55 +/- 10%		
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Adhesive	<p>Chill is an All temp permanent, rubber-based adhesive that performs well in normal to freezer temperature applications. Chill has excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications.</p> <p>Physical Properties of Adhesive</p> <table border="1"> <tbody> <tr> <td>Thickness, inches</td> <td>0.0007 +/- 10%</td> <td></td> <td></td> </tr> <tr> <td>Peel Adhesion, lbs./in.</td> <td>Corrugate: 1.4</td> <td></td> <td>PSTC-101F (30 min. applied)</td> </tr> <tr> <td></td> <td>HDPE: 1.7</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Stainless Steel: 2.6</td> <td></td> <td></td> </tr> <tr> <td>Loop Tack (1"), lbs./in.</td> <td>Corrugate: 1.85</td> <td></td> <td>PSTC-16</td> </tr> <tr> <td></td> <td>HDPE: 3.2</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Stainless Steel: 4.8</td> <td></td> <td></td> </tr> <tr> <td>Temperature Ranges</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Minimum Application</td> <td>-10°F (-23.33°C)</td> <td></td> <td>CTM #45 Curwood</td> </tr> <tr> <td>Service Ranges</td> <td>-65°F to +150°F (-54°C to 65.6°C)</td> <td></td> <td>Polyester Film Dry Surface</td> </tr> </tbody> </table>			Thickness, inches	0.0007 +/- 10%			Peel Adhesion, lbs./in.	Corrugate: 1.4		PSTC-101F (30 min. applied)		HDPE: 1.7				Stainless Steel: 2.6			Loop Tack (1"), lbs./in.	Corrugate: 1.85		PSTC-16		HDPE: 3.2				Stainless Steel: 4.8			Temperature Ranges				Minimum Application	-10°F (-23.33°C)		CTM #45 Curwood	Service Ranges	-65°F to +150°F (-54°C to 65.6°C)		Polyester Film Dry Surface
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Liner	<p>A semi-bleached super calendared kraft (SCK) liner excellent for die cutting, stripping and label dispensing. Primarily for roll-to-roll applications.</p> <table border="1"> <tbody> <tr> <td>Caliper, inches</td> <td>0.0024 +/- 10%</td> <td></td> <td>TAPPI T-411</td> </tr> <tr> <td>Basis Weight, lbs. (24" x 36"/500 sheets)</td> <td>40 +/- 10%</td> <td></td> <td>TAPPI T-410</td> </tr> </tbody> </table>			Caliper, inches	0.0024 +/- 10%		TAPPI T-411	Basis Weight, lbs. (24" x 36"/500 sheets)	40 +/- 10%		TAPPI T-410																																
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Shelf Life	One year when stored at 72° F and 50% R.H.																																										

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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