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PLD9002 - Platinum™ Plus Semi Gloss

Revised: 07/2019 RDF

Description	Applications and End Uses																												
Product	<p>PLD9002 is a semi-gloss coated litho with a quick tack permanent adhesive and a 2.4 semi-bleached super calendared kraft liner. The entire construction converts and prints on wider webs and higher speeds than typical rubber based adhesive coated papers.</p>																												
Face	<p>Platinum Plus Semi-Gloss is a 50# basis weight semi-gloss coated sheet that has been engineered specifically for use as a pressure sensitive label stock with the Aqueous Flexographic, UV Flexographic and UV Rotary Letterpress printing processes in mind.</p> <p>Physical Properties Without Adhesive</p> <table border="1"> <tr> <td>Caliper, inches</td> <td>0.0025 +/- 10%</td> <td>TAPPI T-411</td> </tr> <tr> <td>Brightness % Reflectance at 75° angle</td> <td>89</td> <td>TAPPI T-452</td> </tr> <tr> <td>Gloss % Reflectance at 75° angle</td> <td>75</td> <td>TAPPI T-480</td> </tr> <tr> <td>Opacity</td> <td>87</td> <td>TAPPI T-425</td> </tr> <tr> <td>Tear, grams</td> <td>40 MD 42 CD</td> <td>TAPPI T-414</td> </tr> <tr> <td>Tensile, lbs./in.</td> <td>24 MD 17 CD</td> <td>TAPPI T-494</td> </tr> <tr> <td>Basis Weight, lbs. (25" x 38"/500 sheets)</td> <td>47.5 +/- 10%</td> <td>TAPPI T-410</td> </tr> <tr> <td colspan="3">Compliant with FDA 176.180, USDA 176.170.</td> </tr> </table>			Caliper, inches	0.0025 +/- 10%	TAPPI T-411	Brightness % Reflectance at 75° angle	89	TAPPI T-452	Gloss % Reflectance at 75° angle	75	TAPPI T-480	Opacity	87	TAPPI T-425	Tear, grams	40 MD 42 CD	TAPPI T-414	Tensile, lbs./in.	24 MD 17 CD	TAPPI T-494	Basis Weight, lbs. (25" x 38"/500 sheets)	47.5 +/- 10%	TAPPI T-410	Compliant with FDA 176.180, USDA 176.170.				
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Adhesive	<p>710VHP is a permanent, rubber-based adhesive with excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications. Very good 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 rowspan="3">Peel Adhesion, lbs./in.</td> <td>Corrugate: 1.3</td> <td>PSTC-101F (30 min. applied)</td> </tr> <tr> <td>HDPE: 1.8</td> <td></td> </tr> <tr> <td>Stainless Steel: 2.7</td> <td></td> </tr> <tr> <td rowspan="3">Loop Tack (1"), lbs./in.</td> <td>Corrugate: 2.3</td> <td>PSTC-16</td> </tr> <tr> <td>HDPE: 3.2</td> <td></td> </tr> <tr> <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.	Corrugate: 1.3	PSTC-101F (30 min. applied)	HDPE: 1.8		Stainless Steel: 2.7		Loop Tack (1"), lbs./in.	Corrugate: 2.3	PSTC-16	HDPE: 3.2		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>A semi-bleached super calendared kraft 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>0.0024 +/- 10%</td> <td>TAPPI T-411</td> </tr> <tr> <td>Basis Weight, lbs. (24" x 36"/500 sheets)</td> <td>40 +/- 10%</td> <td>TAPPI T-410</td> </tr> </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.																												

This product complies with CONEG regulations.

All MACTac Roll Label products meet the requirements of the Clean Air Act of 1990.

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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