



PERFORMANCE GUIDE

Represents Typical Values Only

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AK9006

Revised 06/2019 RDF

Bright Silver Laminated Foil

Includes AK9007 Bright Gold, AK9008 Dull Silver and AK9009 Dull Gold

| Description | Applications and End Uses | | | | | | | | | | | | | | | | | | | |
|--|---|-----------------------------|-------------|---|---|-----------------------------|--------------------------|---|-------------|---|------------|-------------|---------------------|--------------|-----------------|----------------|----------------------------------|----------------------------|--|--|
| <p>Product</p> <p>AK9006 is a high-gloss, bright Silver laminated foil 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> <p>Also available: AK9007 Bright Gold AK9008 Dull Silver AK9009 Dull Gold</p> | <p>For prime labeling applications requiring the aesthetics and durability of foil. Markets include: food, cosmetic, toiletries, beverage and more.</p> | | | | | | | | | | | | | | | | | | | |
| <p>Face</p> <p>A .000225 bright silver foil laminated on a white kraft base sheet. Acrylic topcoated for high quality printing with flexo inks.</p> <p>Physical Properties Without Adhesive</p> <table border="1"> <tr> <td>Caliper, inches</td> <td>0.0036 +/- 10%</td> <td>TAPPI T-411</td> </tr> <tr> <td>Tear, grams</td> <td>53 MD 54 CD</td> <td>TAPPI T-414</td> </tr> <tr> <td>Tensile, lbs./in.</td> <td>36 MD 21 CD</td> <td>TAPPI T-494</td> </tr> <tr> <td>Basis Weight, lbs. (25" x 38"/500 sheets)</td> <td>73 +/- 10%</td> <td>TAPPI T-410</td> </tr> </table> | Caliper, inches | 0.0036 +/- 10% | TAPPI T-411 | Tear, grams | 53 MD 54 CD | TAPPI T-414 | Tensile, lbs./in. | 36 MD 21 CD | TAPPI T-494 | Basis Weight, lbs. (25" x 38"/500 sheets) | 73 +/- 10% | TAPPI T-410 | | | | | | | | |
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| <p>Adhesive</p> <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>Peel Adhesion, lbs./in.</td> <td>Corrugate: 1.3 HDPE: 1.8 Stainless Steel: 2.7</td> <td>PSTC-101F (30 min. applied)</td> </tr> <tr> <td>Loop Tack (1"), lbs./in.</td> <td>Corrugate: 2.3 HDPE: 3.2 Stainless Steel: 4.8</td> <td>PSTC-16</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 HDPE: 1.8 Stainless Steel: 2.7 | PSTC-101F (30 min. applied) | Loop Tack (1"), lbs./in. | Corrugate: 2.3 HDPE: 3.2 Stainless Steel: 4.8 | PSTC-16 | 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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| <p>Liner</p> <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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| <p>Shelf Life</p> <p>One year when stored at 72° F and 50% R.H.</p> | | | | | | | | | | | | | | | | | | | | |

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 applications. If there are any questions about applications, ore 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

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