

### 7015 Series | Laminate: Economy Calendered Laminate

Lumina® 7015 Series is an economically priced promotional grade calendered vinyl laminate designed for use over calendered vinyl films to provide protection from UV exposure, chemicals and abrasion. This product is ideal for general purpose applications and provides short-term durability

**Film Technology** | Calendered (PVC)

**Film Thickness** | 3 mil

**Color** | Gloss Clear (000), Matte Clear (200)

**Outdoor Durability** | Up to 2 Years

**Finish** | Gloss/Matte

**Blockout** | No

**Adhesive** | Permanent/Clear

**Liner** | 80#

**Conformability** | Flat Surfaces, Simple Curves

**Shelf Life** | 1 Year

<b><u>CUTTING</u></b>	<b><u>PRINTING</u></b>	<b><u>INSTALLATION</u></b>
<b>Computer Cut</b>   Yes <b>Steel Rule</b>   Yes <b>Thermal Die</b>   Yes <b>Flat Bed</b>   Yes <b>Sheetable</b>   Yes <b>Laminate</b>   Yes / Cold	(*A print test is recommended prior to production to determine the suitability of this product given a particular printer, rip, ink type and ink set. Allow at least 24 hours for inks to dry and properly outgas prior to lamination, cutting or application.)	<b>Wet Apply</b>   Yes <b>Min. App. Temp.</b>   50°F <b>Interior / Exterior</b>   Yes

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<p><b><u>FILM</u></b></p> <ul style="list-style-type: none"> <li>• <b>Film Thickness</b>__ (mils/μm) 3 Mil</li> <li>• <b>Film Weight</b>__ (gsm) 98</li> <li>• <b>Gloss</b>__ 60° Reflection (80 Gloss Units)</li> <li>• <b>Opacity</b>__ (%) 0</li> <li>• <b>Tensile Strength</b>__ (lbs/in) MD &gt; 4000 / CD &gt; 3600</li> <li>• <b>Elongation</b>__ (%) MD &gt; 180 / CD &gt; 200</li> <li>• <b>Dimensional Stability</b>__ MD ≤ 1.20 mm / CD ≤ 1.00 mm</li> </ul>	<p><b><u>ADHESIVE</u></b></p> <ul style="list-style-type: none"> <li>• <b>Adhesive Type</b>__ Emulsion Acrylic</li> <li>• <b>Adhesive Thickness</b>__ (mils/μm) 0.8-1.1 / 20-28</li> <li>• <b>Adhesive Color</b>__ Clear</li> <li>• <b>Peel Strength</b>__ (lbs/in) 24hrs 5.0 / 22</li> </ul>
<p><b><u>LINER</u></b></p> <ul style="list-style-type: none"> <li>• <b>Liner Weight</b>__ (#/gsm) 53 / 86</li> <li>• <b>Liner Type</b>__ White PE-Coated 1 side Kraft</li> <li>• <b>Liner Thickness</b>__ (mils/μm) 3.5 / 89</li> <li>• <b>Release Force</b>__ Release Force @ 300" / min (g/2") 10-40</li> </ul>	<p><b><u>PERFORMANCE GUIDANCE</u></b></p> <ul style="list-style-type: none"> <li>• <b>Application Temp.</b>__ On clean, dry substrate &gt; +40 °F</li> <li>• <b>Service Temp.</b>__ -40 °F to 180 °F</li> <li>• <b>Shelf Life</b>__ up to 1 year</li> <li>• <b>Storage Temp. / Rel. Humidity</b>__ 70°F (21°C) and 50% relative humidity</li> <li>• <b>Outdoor Durability</b>__ up to 1 years</li> </ul>

NOTE - For further information regarding printing, substrate cleaning, application, maintenance, durability, and removal please review the corresponding instructional bulletin available at [fdcfilms.com](http://fdcfilms.com).

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