Durable Goods and Equipment Labeling for Low-Energy Surfaces
White Polyester - Roll Form

Adhere Labels to Low-energy Surfaces Without Pretreating

End Use Applications:
Compliance Labels
Warning & Instructional Labels
Nameplates
Brand Identity Labels
Warehouse WIP Labels, Shelf Marking
Supply Chain Management

For Durable Goods including:
Outdoor Power Equipment
Power Tools
Appliances
Electronics
Recreational Vehicles
Sporting Equipment
Industrial Equipment…and more

For Transportation including:
Automotive
Aerospace
Heavy Equipment

For more information on FLEXcon’s pressure-sensitive film solutions for Durable Labeling and Equipment Labeling, contact your local Sales Representative or our Product Identification Business Team at (508) 885-8300.

Product ID #: FLX056046

Product: FLEXcon® DPM® LSE™ PM 200 White TC-716 L-778 PCW 50K/Q-8 (1.8-2.0)

Benefits:
• No surface preparation required before application.
• 2.0 mil white gloss topcoated polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
• Topcoat is more universally printable than other thermal transfer printable products
• Printable via resin and wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; and UV inkjet
• Coated with 2 mils of L-778, high-performance permanent modified acrylic adhesive, for rough textured surfaces
• Permanently bonds to a variety of low surface energy plastics, painted metal, powder coated paint, polycarbonate and fiberglass
• Backed with a 50 lb. Quilon®* coated bleached kraft release liner made from up to 30% post-consumer waste, ideal for roll form converting
• Liner is suitable for optical sensing on most thermal transfer printers
• UL-recognized and certified with inks from four leading manufacturers

*Quilon is a registered trademark of Zaclon, LLC.
### Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thickness (Mils[microns])</strong></td>
<td>Film</td>
<td>2.0 (51) +/- 10%</td>
</tr>
<tr>
<td></td>
<td>Adhesive</td>
<td>1.8-2.0 (45-50) +/- 0.1 (3)</td>
</tr>
<tr>
<td></td>
<td>Liner</td>
<td>3.1 (79) +/- 10%</td>
</tr>
<tr>
<td><strong>Dimensional Stability (%)</strong></td>
<td>MD</td>
<td>No shrinkage observed</td>
</tr>
<tr>
<td></td>
<td>TD</td>
<td>No shrinkage observed</td>
</tr>
</tbody>
</table>

### Adhesion Properties

<table>
<thead>
<tr>
<th>Material</th>
<th>Ultimate Peel from</th>
<th>ASTM D 903 (Modified for 72 hour dwell time)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic Powder Paint</td>
<td>119 (1309)</td>
<td></td>
</tr>
<tr>
<td>Epoxy KF4</td>
<td>94 (1034)</td>
<td></td>
</tr>
<tr>
<td>Epoxy Powder Paint</td>
<td>123 (1353)</td>
<td></td>
</tr>
<tr>
<td>Fiberglass</td>
<td>73 (803)</td>
<td></td>
</tr>
<tr>
<td>Melamine</td>
<td>96 (1056)</td>
<td></td>
</tr>
<tr>
<td>Painted Metal</td>
<td>116 (1276)</td>
<td></td>
</tr>
<tr>
<td>Polycarbonate</td>
<td>107 (1177)</td>
<td></td>
</tr>
<tr>
<td>Polyester Powder Paint</td>
<td>114 (1254)</td>
<td></td>
</tr>
<tr>
<td>Polypropylene</td>
<td>63 (693)</td>
<td></td>
</tr>
<tr>
<td>Polyurethane Powder Paint</td>
<td>116 (1276)</td>
<td></td>
</tr>
<tr>
<td>Stainless Steel</td>
<td>128 (1408)</td>
<td></td>
</tr>
<tr>
<td>TPO</td>
<td>94 (1034)</td>
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</tr>
</tbody>
</table>

### Expected Shear

- **Room Temp (hours)**: 50
- **Tack (gm/sq cm)**: 900
- **Expected Exterior Life**: Two years
- **Service Temperature Range**: -40°F to 302°F (-40°C to 150°C)
- **Minimum Application Temperature**: 32°F (0°C)
- **Storage Stability**: Two years stored at 70°F (21°C) and 50% RH

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**Product Performance and Suitability**

All of the descriptive information, the typical performance data, and recommendations for the use of FLEXcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by FLEXcon. All purchasers of FLEXcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of FLEXcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

Last Modified On: 05/08/2017

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