2.6mil White Pearlized BOPP ** Frostbite™ ** 40# liner

Item#: 0049078

---------- TRIMLESS PROGRAMS ----------

<table>
<thead>
<tr>
<th>Dist. Ctr</th>
<th>Length</th>
<th>Min. Width</th>
<th>Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>Troy, Ohio</td>
<td>5 K</td>
<td>3&quot;</td>
<td>3&quot;</td>
</tr>
<tr>
<td>Troy, Ohio</td>
<td>10 K</td>
<td>4&quot;</td>
<td>3&quot;</td>
</tr>
</tbody>
</table>

Facestock: **2.6mil White Pearlized BOPP**  
A white, multi-layer, biaxially-oriented polypropylene film that is top-coated for ink receptivity. This product offers great printability across many primary and secondary print methods.

**Typical Value**
- Basis Weight: 32.2 #/3300 ft²
- Caliper: 2.6 mils
- Tensile MD/CD: 13053 / 29008 PSI
- Elongation @ Break MD/TD: 150 / 50%
- Opacity: 90%

Adhesive: **Frostbite™**  
A highly aggressive rubber based adhesive featuring excellent initial tack and ultimate adhesion when applied at freezer conditions. Also an excellent choice when applied to packaging materials at room temperature and then subjected to –40F blast freezing conditions. It will adhere to variety of surfaces despite specific amounts of frost and/or moisture (testing is recommended). When used in warm environments (above room temperature), you will experience ooze and have converting issues.

**Typical Value**
- Coat Weight: 14 #/3300 ft²
- Coat Weight: 20.72 grams/m²
- Caliper: .55 mils
- Adhesion to Stainless Steel, oz. (90° Peel): 26
- Loop Tack, oz.: 53
- Service Temperature: -65 to 160 °F
- Minimum Application Temperature: -15 °F
- Shear (1000g): 57 minutes
**Release Liner: 40# liner**

A bleached, calendered liner featuring excellent die cutting and stripping characteristics. Recommended for use in roll-to-roll applications.

<table>
<thead>
<tr>
<th><strong>Typical Value</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Basis Weight:</strong></td>
<td>41#/3000 ft$^2$</td>
</tr>
<tr>
<td><strong>Caliper:</strong></td>
<td>2.5 mils</td>
</tr>
<tr>
<td><strong>Tensile MD/CD:</strong></td>
<td>34 / 21 #/inch</td>
</tr>
<tr>
<td><strong>Tear MD/CD:</strong></td>
<td>34 / 36 grams</td>
</tr>
<tr>
<td><strong>Opacity:</strong></td>
<td>69 max%</td>
</tr>
</tbody>
</table>

**Total Product Caliper:** 5.65 mils

**Product Basis Weight Per MMSI:** 192.21 #

**Shelf Life:** 12 month(s) when stored at 72° F, 50% RH

**Important Notice**

These are typical values and should not be considered a specification. Adhesive properties were tested with a film facestock unless denoted with an asterisk(*).

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For application recommendations call 877-210-5104

For samples or other questions please call your Sales Representative.

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