Applications

- Confections
- Snacks
- Bakery
- Pet Food
- Graphic
- Ag/Chem
- Medical
- Electronics

Summary

One side vacuum deposited Aluminum on Toray’s Ultra High Surface Energy (UHSE), one side corona treated. Designed as a barrier cold seal or buried barrier metallized BOPP film. Ideal for foil and MPET replacement.
### Technical Data

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>METHOD</th>
<th>UNITS</th>
<th>TYPICAL VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>µm</td>
<td></td>
<td>11.25 12.5</td>
</tr>
<tr>
<td>Nominal Yield</td>
<td>m²/kg</td>
<td></td>
<td>97 84</td>
</tr>
<tr>
<td>Tensile Strength at Break</td>
<td></td>
<td>Mpa</td>
<td>100 100</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>300 300</td>
</tr>
<tr>
<td>Young's Modulus</td>
<td></td>
<td>Mpa</td>
<td>2,200 2,200</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3,800 3,800</td>
</tr>
<tr>
<td>Elongation at Break</td>
<td></td>
<td>%</td>
<td>200 200</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>60 60</td>
</tr>
<tr>
<td>Heat Shrinkage (140°C for 15 minutes)</td>
<td></td>
<td>%</td>
<td>8 8</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5 5</td>
</tr>
<tr>
<td>COF (Corona Treated Side)</td>
<td></td>
<td>µ</td>
<td>0.36 0.36</td>
</tr>
<tr>
<td></td>
<td></td>
<td>µD</td>
<td>0.31 0.31</td>
</tr>
<tr>
<td>Wetting Tension (Corona Treated Side)</td>
<td></td>
<td>dyne/cm</td>
<td>41 41</td>
</tr>
<tr>
<td>MVTR - 38 °C, 90% RH</td>
<td></td>
<td>g/m²/day</td>
<td>0.14 0.14</td>
</tr>
</tbody>
</table>

### Key Features
- Excellent bonding of pressure sensitive adhesives (cold seals)
- Non craze metal surface
- Good moisture barrier
- Excellent bonding in extrusion and adhesive laminations
- Source reduction = 50 and 45 gauge

### Similar Products
- M10
- PC3

### Typical Structures
- Release Film/ink/ADH/PC1/
  Patterned Cold Seal
- PET/ink/PE/PC1/PE
- BOPP/ink/PE/PC1/PE
- Ink/Paper/PE/PC1/PE
- O.L./ink/Board/PE/PC1/PE
- O.L./ink/PC1/PE/Board/PE

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### Winding Direction

![Winding Direction Diagram]

### Notes
- These values do not constitute specific binding specifications

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