TRANS-SEALING® PLF64-F

FEATURES

TRANSPARENT, biaxially oriented polyester film, one side HEAT-SEALABLE-PEELABLE.

- Trans-Sealing® PLF64-F is a clear polyester film with a HEAT SEALABLE - PEELABLE layer
- The CO-POLYMER adhesive layer is designed to heat seal onto and peel cleanly from substrates such as PP, HDPE, PS and HIPS.
  It also seals to itself, APET, CPET, modified CPET, PETG, rPET, PET coated paperboard, PC, PLA and PVC.
- Trans-Sealing® PLF64-F has lower Seal Initiation Temperature than Trans-Sealing® PLF63O-F
- Large sealing temperature range without deformation: from 210 to 410°F
- Food can be heated/cooked in contact with Trans-Sealing® PLF64-F until 410°F; at higher temperatures the film begins to warp
- Self-venting effect when heated in conventional and microwave ovens
- Trans-Sealing® PLF64-F can withstand freezing temperatures down to -40°F
- It has excellent mechanical properties, thickness uniformity, thermal and dimensional stability. Low oxygen, aroma and water vapor permeability
- Trans-Sealing® PLF64-F complies with international regulations for food contact. Specific documents are available upon request.

<table>
<thead>
<tr>
<th>SEALING PERFORMANCE</th>
<th>SEALING TEMPERATURE</th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>280°F</td>
<td>320°F</td>
</tr>
<tr>
<td>TO PET SUBSTRATES AND ITSELF</td>
<td>Easy Peel/No Shredding</td>
<td></td>
</tr>
<tr>
<td>TO PP AND HDPE</td>
<td>Easy Peel /No Shredding</td>
<td></td>
</tr>
<tr>
<td>TO HIPS</td>
<td>Easy Peel/No Shredding</td>
<td></td>
</tr>
<tr>
<td>TO ITSELF FOR VENTING</td>
<td>Easy Peel/Venting</td>
<td></td>
</tr>
<tr>
<td>TO PET SUBSTRATES FOR VENTING</td>
<td>Easy Peel/Venting</td>
<td></td>
</tr>
</tbody>
</table>

• PET Substrates: CPET, APET, PETG, rPET and PET coated paper trays, bottles or containers.
• Contaminated substrates: trays, bottles or containers with sauce or grease contaminating the rim or other sealing surface.

APPLICATIONS:

Dual ovenable lidding film for packaging refrigerated and frozen foods. Seals to itself, PP, HDPE, PS, HIPS, APET, CPET, modified CPET, PETG, rPET, PVC, PC, PLA and PET coated paperboard trays, containers, bottles, and jars.
## TRANS-S Sealning® PLF64-F

### Technical Properties (Typical Values)

<table>
<thead>
<tr>
<th>Properties</th>
<th>Test Conditions</th>
<th>Unit</th>
<th>Typical Values</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thickness</strong></td>
<td>ASTM E 252</td>
<td>Gauge</td>
<td>53 80 100 200</td>
</tr>
<tr>
<td><strong>Yield</strong></td>
<td>ASTM D 646</td>
<td>Sq.in./lb.</td>
<td>36,200 24,100 20,200 9,700</td>
</tr>
<tr>
<td><strong>Tensile Strength at Break</strong></td>
<td>ASTM D 882</td>
<td>kpsi</td>
<td>26 23</td>
</tr>
<tr>
<td><strong>Elongation at Break</strong></td>
<td>ASTM D 882</td>
<td>%</td>
<td>135 95</td>
</tr>
<tr>
<td><strong>Initial Modulus</strong></td>
<td>ASTM D 882</td>
<td>kpsi</td>
<td>520 585</td>
</tr>
<tr>
<td><strong>Haze</strong></td>
<td>ASTM D 1003</td>
<td>%</td>
<td>10 12 14 15</td>
</tr>
<tr>
<td><strong>Shrinkage</strong></td>
<td>ASTM D 1894</td>
<td>%</td>
<td>1.0</td>
</tr>
<tr>
<td><strong>Coefficient of Friction</strong></td>
<td>ASTM F 1249</td>
<td>g/100in²</td>
<td>2.6 1.8 1.6 0.6</td>
</tr>
<tr>
<td></td>
<td>ASTM F 1927</td>
<td>cc/100in³</td>
<td>7.1 4.5 3.9 1.7</td>
</tr>
<tr>
<td><strong>Heat Seal Strength</strong></td>
<td>Film/Film @ 230°F; 33 psi, 1 sec</td>
<td>gms/in</td>
<td>450</td>
</tr>
</tbody>
</table>

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