Multiform

Enhanced, Precise Thermoforming Films

Outstanding forming properties enable deep draw for TFFS systems with thinner forming films

Technology

Plastopil’s Multiform films are a range of thermoforming films suitable for various forming depths and distinguished by excellent formability in deep draw applications.

Use of technologically advanced polymers enables the production of down-gauged forming films with equivalent performance of thicker conventional forming films.

These films are manufactured using a state-of-the-art co-extrusion water cooled line and symmetrical 14 layer co-extrusion.

Food Segments

- Fresh and processed meat
- Poultry
- Cheese

Applications

Optimal performance with all types of automatic thermoforming machines

Features & Properties

- Allows using up to 25% thinner films
- Enables thicker corners and less thermal memory
- High impact and puncture resistance — less leakers when packing rigid and/or sharp-edged products
- Retains strength at freezing temperatures — package integrity preserved

- Excellent gloss and clarity — premium product presentation
- Enhanced post- thermoforming shrink properties and impact strength
- Available in various barrier levels — keeps product fresher for longer
### Product Range

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>THICKNESS RANGE [micron]</th>
<th>BARRIER</th>
<th>SPECIAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-TREME</td>
<td>75-275</td>
<td>Available High or Medium Barrier (HB/MB)</td>
<td>• 8 layer forming web, aqua frost clear &lt;br&gt;• Lock seal and easy peel to PE &lt;br&gt;• Excellent forming properties &lt;br&gt;• Outstanding mechanical and optical properties &lt;br&gt;• Suitable for pasteurization up to 95ºC (203ºF) &lt;br&gt;• Suitable for deep freezing down to -40ºC (-40ºF)</td>
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<tr>
<td>MULTIFORM FW</td>
<td>80-400</td>
<td>Available High or Medium Barrier (HB/MB)</td>
<td>• 18 layer symmetrical forming web &lt;br&gt;• Superior sealing properties, lock seals to PE &lt;br&gt;• Very high impact strength &lt;br&gt;• Available with different percentage of polyamide content – for various applications and drawing depths</td>
</tr>
<tr>
<td>COLORED MULTIFORM FW</td>
<td>80-400</td>
<td>Available High or Medium Barrier (HB/MB)</td>
<td>• 18 layer symmetrical colored forming web &lt;br&gt;• Superior sealing properties, lock seals to PE &lt;br&gt;• Very high impact strength &lt;br&gt;• Available in a wide range of colors and tints &lt;br&gt;• Available with different percentage of polyamide content – for various applications and drawing depths</td>
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<tr>
<td>MULTIFORM TC</td>
<td>75-250</td>
<td>Available High (HB)</td>
<td>• Part of Thermo-Cook range for oven cooking &lt;br&gt;• Lock seals to Thermo-Cook top web films &lt;br&gt;• Self venting, no need to pierce the film &lt;br&gt;• Excellent gloss and clarity &lt;br&gt;• Good tear and puncture resistance &lt;br&gt;• Good moisture barrier properties &lt;br&gt;• Can be trapped printed</td>
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<tr>
<td>MULTIFORM P</td>
<td>175-250</td>
<td>Permeable</td>
<td>• Excellent forming properties &lt;br&gt;• Lock seal to PE &lt;br&gt;• Suitable for packaging of products demanding higher transmissions of oxygen for better shelf life &lt;br&gt;• Can also be available colored / tinted</td>
</tr>
<tr>
<td>MULTIFORM NCA</td>
<td>110-250</td>
<td>Medium Barrier (MB)</td>
<td>• Superior forming properties &lt;br&gt;• Lock seal to PE &lt;br&gt;• Low gauge, high performance, cuts costs &lt;br&gt;• No inherent curling</td>
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