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

Flexible. Fresh. For you.

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# Product Range

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