Toplex Locked Seal

Lock in the taste, nutrients and texture of foods at a wide range of temperatures

Overview

Toplex lidding films are the strongest and most reliable on the market, providing weld sealing for a variety of available bottom webs and tray types, such as PE, PP and AL.

Toplex Locked Seal films feature a high level of product integrity, as well as extended shelf life and excellent machinability, resulting in minimized waste and downtime.

A combination of anti-fog properties, with high-end reverse printing allows enhanced product presentation and visibility on the shelf.

Technology

Toplex Locked Seal films are manufactured using up to 11 layers of film in a combination of blown extrusion technology (up to 9 layers) and lamination process. The lamination is environmentally friendly, using less adhesive solvent. We specially design each layer to achieve different properties – barrier or sealing layers, for example, and layers which provide mechanical strength. After the films are produced, we laminate them to another bi-oriented film to achieve higher gloss, thermal resistance, along with clean and precise cutting of the film on the packaging machine.

Features & Properties

- Hermetic sealing (even through product residue, fatty contamination, and grease) securing product integrity throughout supply chain
- Seals at a wide range of temperatures
- Multipurpose – specially designed to fit different packaging machines, to minimize downtime
- Available with high level reverse printing – up to eight colors

- Can be supplied with laser pre-cut to control the opening mechanism during microwave cooking or direction of the package opening
- Outstanding clarity and gloss
- Anti-fog properties – for better product presentation and clarity
- The gas barrier material, in the high barrier lidding films, has an environmentally friendly, chlorine-free structure

Applications

Masterfully perform on automatic thermoforming and tray sealing machines

Food Segments

Ideally suited for packaging sliced or chunk cheese; fresh, smoked and processed meat; poultry parts; fish; seafood; and ready meals.
# Product Range

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>THICKNESS [micron]</th>
<th>BARRIER LEVEL</th>
<th>SPECIAL FEATURES</th>
<th>PACKAGING MACHINE</th>
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</thead>
<tbody>
<tr>
<td>Toplex HB</td>
<td>35-80</td>
<td>HB</td>
<td>• Excellent AF&lt;br&gt;• Excellent sealing – locked seal to PE&lt;br&gt;• EP sealing to PP</td>
<td>• Tray sealer (TS)&lt;br&gt;• Thermoforming machine (TFFS)</td>
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<tr>
<td></td>
<td>60/80</td>
<td>HB</td>
<td>• Excellent sealing – locked seal to PE&lt;br&gt;• EP sealing to PP</td>
<td>• Tray sealer (TS)&lt;br&gt;• Thermoforming machine (TFFS)&lt;br&gt;• High speed horizontal flow pack machine (HFFS)</td>
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<tr>
<td>Toplex HB L-PE</td>
<td>45/60/80</td>
<td>HB</td>
<td>• Excellent machinability on flow pack machine&lt;br&gt;• Available with AF&lt;br&gt;• Locked seal to PE</td>
<td>• Tray sealer (TS)&lt;br&gt;• Thermoforming machine (TFFS)&lt;br&gt;• Flow pack machine (HFFS + VFFS)</td>
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<tr>
<td>Toplex HB PP</td>
<td>45/60</td>
<td>HB</td>
<td>• Locked seal to PP</td>
<td>• Tray sealer (TS)&lt;br&gt;• Thermoforming machine (TFFS)</td>
</tr>
<tr>
<td>Toplex LB</td>
<td>45/60/80</td>
<td>LB</td>
<td>• Excellent sealing – locked seal to PE&lt;br&gt;• EP sealing to PP</td>
<td>• Vertical flow pack machine (VFFS)&lt;br&gt;• Tray sealer (TS)&lt;br&gt;• Thermoforming machine (TFFS)</td>
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<tr>
<td>Toplex XT</td>
<td>75-275</td>
<td>HB/MB</td>
<td>• Weld seal to PE&lt;br&gt;• Outstanding clarity and gloss&lt;br&gt;• Excellent tear and impact resistance</td>
<td>• Thermoforming machine (TFFS)</td>
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