Overview
Did you know?
More and more consumers are purchasing food products which are based on the ease and convenience of package opening. It’s particularly important for an increasing elderly demographic, as well as families seeking convenient meal options for their children.

In addition, safety concerns about bacteria or chemicals in food continue to impact buying decisions. Safe and reliable food packaging, combined with sustainability, have become must-have components for smart consumers.

Applications
Suitable for tray sealing and TFFS machines

Food Segments
Ideally suited as lidding films for sliced cheese, lunchmeats, and ready meals packaging

Technology
Toplex Peelable lidding films offer reliable packaging with a simple peel. The easy opening effect is achieved by using multilayer film extrusion, in which one of the layers has a unique polymer composition that results in an easy and soft peel effect. In several Toplex Peelable products (Cohesive failure), a whitening effect is also possible for maximum opening proof and validation.

“Burst Peel” — In this concept, the burst effect is achieved when an inner layer is broken during package opening resulting in delamination in the film.

Interfacial Peel Mechanism (clean peel)
Sealant Carrier Web
Sealant
Sealing zone
Substrate

Cohesive Failure Mechanism
Sealant Carrier Web
Sealant
Sealing zone
Substrate

Burst Peel Mechanism (seal layer delaminates in seal area)
Sealant Carrier Web
Tie layer
Sealant
Sealing zone
Substrate
Features & Properties

- Safe and easy to use — consistent and effortless easy-to-open package that won’t rip or leave jagged edges; no knives or scissors needed
- Reliable — maintains a hermetic seal, and can be customized to desired peel strength; leaves a tamper-evident whitened area once opened for “proof”
- Fresh — excellent high barrier properties deliver long and safe product shelf life
- Impact — high clarity for optimal product presentation; can be reversed printed for best retail presentation; contains anti-fog properties
- Versatile — sealing to various polymers: APET, CPET, PP, PS, PVC, PE, broad sealing temperature range, allowing maximum production flexibility
- Durable — withstands a broad temperature change from freezing to heating temperatures
- Environmentally friendly — immediate source reduction compared to multi-component rigid lid trays by using a fraction of the material of a rigid lid

Product Range

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>OPENING MECHANISM</th>
<th>SEALING TO</th>
<th>BARRIER LEVEL</th>
<th>THICKNESS [micron]</th>
</tr>
</thead>
<tbody>
<tr>
<td>HB EP-C</td>
<td>Easy Peel</td>
<td>Universal</td>
<td>High</td>
<td>60</td>
</tr>
<tr>
<td>LB EP-C</td>
<td>Easy Peel</td>
<td>Universal</td>
<td>Low</td>
<td>42, 52, 62</td>
</tr>
<tr>
<td>HB EP-A</td>
<td>Easy Peel</td>
<td>PE</td>
<td>High</td>
<td>60, 80</td>
</tr>
<tr>
<td>HB EP-A 60 WHITE</td>
<td>Easy Peel</td>
<td>PE</td>
<td>High</td>
<td>60</td>
</tr>
<tr>
<td>HB EP-A 80</td>
<td>Easy Peel</td>
<td>PE</td>
<td>High</td>
<td>80</td>
</tr>
<tr>
<td>HB B-PP</td>
<td>Burst Peel</td>
<td>PP</td>
<td>High</td>
<td>45, 60</td>
</tr>
</tbody>
</table>

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