

Toplex Peelable

Quick, Convenient and Easy-to-Open Packaging

A hermetic seal with easy opening that truly performs; for packagers, retailers and consumers



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

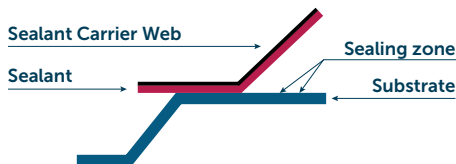


Technology

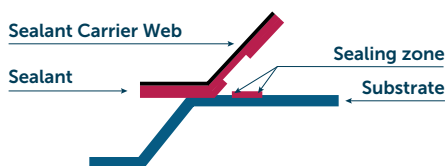
Toplex Peelable lidding films offer reliable packaging with a simple peel. The easy opening effect is achieved by using multilayer film extrusion, in which one of the layers has a unique polymer composition that results in an easy and soft peel effect. In several Toplex Peelable products (Cohesive failure),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

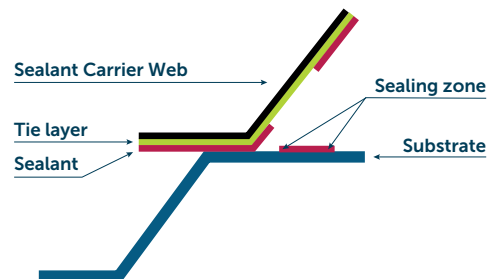
Interfacial Peel Mechanism (clean peel)



Cohesive Failure Mechanism



Burst Peel Mechanism (seal layer delaminates in seal area)



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

PRODUCT	OPENING MECHANISM	SEALING TO	BARRIER LEVEL	THICKNESS [micron]
HB EP-C	Easy Peel	Universal	High	60
LB EP-C	Easy Peel	Universal	Low	42, 52, 62
HB EP-A	Easy Peel	PE	High	60, 80
HB EP-A 60 WHITE	Easy Peel	PE	High	60
HB EP-A 80	Easy Peel	PE	High	80
HB B-PP	Burst Peel	PP	High	45, 60



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