

Co- extruded and Laminated films for MAP Tray lidding and Flow Packaging Applications



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. These films are also suitable as flow packaging films.

Toplex 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.

Features & Properties

- Available in a wide range of thicknesses, including some of the thinnest barrier films on the case-ready packaging market
- 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

Applications

Performs masterfully perform on automatic thermoforming ,and tray sealing machines

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.

- 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

Food Segments

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



▶ **Read more about perforated capabilities**



Laser Perforation Capabilities

Various options to customize according to product's respiration rate and package size:

- Adjustable perforation patterns to maintain desired OTR - from extremely high to a single hole according to required respiration rate.
- Adjustable hole size ranging from 70 to 250 microns
- Different layouts - continuous or registered according to requested OTR, print layout, number and size of trays by width, etc.

Laser Scoring Capabilities

Several scoring options are available by pattern and depth and required barrier:

- Pattern and placement according to product requirement
- Options for easy open by steam pressure or manual operation on tear lines
- Continuous scoring or by registered patterns
- Add profile to package edge by shaped cut.