

# Toplex Locked Seal

Sealing in the Freshness

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

| PRODUCT               | THICKNESS<br>[micron] | BARRIER<br>LEVEL | SPECIAL FEATURES   | PACKAGING MACHINE   |
|-----------------------|-----------------------|------------------|--|---|
| <b>Toplex HB</b>      | 35-80                 | HB               | <ul style="list-style-type: none"> <li>• Excellent AF</li> <li>• Excellent sealing – locked seal to PE</li> <li>• EP sealing to PP</li> </ul>                | <ul style="list-style-type: none"> <li>• Tray sealer (TS)</li> <li>• Thermoforming machine (TFFS)</li> </ul>  |
| <b>Toplex HB L-PE</b> | 45/60/80              | HB               | <ul style="list-style-type: none"> <li>• Excellent machinability on flow pack machine</li> <li>• Available with AF</li> <li>• Locked seal to PE</li> </ul>   | <ul style="list-style-type: none"> <li>• Tray sealer (TS)</li> <li>• Thermoforming machine (TFFS)</li> <li>• Flow pack machine (HFFS + VFFS)</li> </ul>   |
| <b>Toplex HB PP</b>   | 45/60                 | HB               | <ul style="list-style-type: none"> <li>• Locked seal to PP</li> </ul>  | <ul style="list-style-type: none"> <li>• Tray sealer (TS)</li> <li>• Thermoforming machine (TFFS)</li> </ul>  |
| <b>Toplex LB</b>      | 45/60/80              | LB               | <ul style="list-style-type: none"> <li>• Excellent sealing – locked seal to PE</li> <li>• EP sealing to PP</li> </ul>  | <ul style="list-style-type: none"> <li>• Vertical flow pack machine (VFFS)</li> <li>• Tray sealer (TS)</li> <li>• Thermoforming machine (TFFS)</li> </ul> |
| <b>Toplex XT</b>      | 75-275                | HB/MB            | <ul style="list-style-type: none"> <li>• Weld seal to PE</li> <li>• Outstanding clarity and gloss</li> <li>• Excellent tear and impact resistance</li> </ul> | <ul style="list-style-type: none"> <li>• Thermoforming machine (TFFS)</li> </ul>  |



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