

Plastopil's Topaz lidding films offer a complete portfolio of extremely thin gauge film products, combining exceptional optical properties with consistent sealing to PET.



### The PET Trend

- » **ENVIRONMENTALLY FRIENDLY**  
PET is one of the most recyclable thermoplastics available today.
- » **MULTI PURPOSE**  
PET can be used for top and bottom webs.
- » **CLARITY**  
PET has one of the lowest haze of any material on the market.
- » **GAS BARRIER**  
PET has the highest gas barrier of all mono layer rigid films.
- » **MOISTURE BARRIER**  
PET has a high moisture barrier.
- » **TEMPERATURE STABLE**  
PET retains product integrity across a broad range of temperatures: from freezer to oven.

### Applications

Topaz offers a full range of flexible films for sealing to pet trays: Mono PET rigid trays, trays with APET sealing layers and thermoforming APET or RPET base webs. The combination of rigid PET webs and trays and Plastopil's Topaz lidding films provides a cost-effective and environmentally friendly package.

### Food Segments

Topaz films' range of barrier levels makes them ideally suited for various food packaging: as flow pack films for fresh cut produce & fruit, processed and fresh meat, poultry & seafood.



### Features & Properties

- Seals to mono APET and APET sealing layer
- Range of seal types including burst peel, locked seal and reclosable
- Excellent transparency, gloss & clarity
- Low seal initiation temperature, suitable for thin APET
- Secure hermetic sealing properties can seal through fat and food residue
- Different barrier levels, including HB – high barrier, MB – medium barrier and LB – low barrier
- High barrier ideal for MAP applications to optimize product shelf life
- Microwavable - for defrosting and reheating
- Excellent film flatness and stiffness
- Source reduction, low carbon footprint, low disposal cost by weight
- Excellent anti-fog for chilled products
- Laser perforation for pressure release or breathable EMAP/CAP packaging
- Reversed printable for package presence enhancement

## ► 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.