

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.

### 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 such as fresh cut produce & fruit, processed and fresh meat, poultry & seafood and microwavable ready meals.



### Features & Properties

- Seals to mono APET and APET sealing layer
- Range of seal types including burst peel, hard peel 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

## Product Range

PRODUCT	TYPICAL APPLICATION	THICKNESS (mic)	BARRIER SEAL TYPE	PACKAGING MACHINE
<b>B 235</b>	<ul style="list-style-type: none"> <li>Sandwiches (triangles)</li> <li>Ready meals (frozen)</li> <li>Fresh produce and fish (with AF and laser perforation)</li> <li>Fresh Poultry</li> </ul>	35	<b>MB</b> Peelable (Burst)	<ul style="list-style-type: none"> <li>Tray sealer - TS</li> <li>Thermoforming - TFFS</li> <li>VFFS</li> <li>HFFS</li> </ul>
<b>B 440</b>	<ul style="list-style-type: none"> <li>Chilled ready meals</li> <li>Fresh meat</li> <li>Dressed salads (mayonnaise)</li> <li>Fresh produce and fish (with AF and laser perforation)</li> </ul>	40	<b>HB</b> Peelable (Burst)	<ul style="list-style-type: none"> <li>Tray sealer - TS</li> <li>Thermoforming - TFFS</li> <li>VFFS (with AF)</li> <li>HFFS (with AF)</li> </ul>
<b>LL 445</b>	<ul style="list-style-type: none"> <li>Chilled ready meals</li> <li>Fresh meat</li> <li>Dressed salads (mayonnaise)</li> <li>Fresh produce and fish (with AF and laser perforation)</li> </ul>	45	<b>HB</b> Hard Peel	<ul style="list-style-type: none"> <li>Tray sealer - TS</li> <li>Thermoforming - TFFS</li> <li>VFFS (with AF)</li> <li>HFFS (with AF)</li> </ul>
<b>LL 480</b>	<ul style="list-style-type: none"> <li>Chilled ready meals</li> <li>Fresh meat</li> <li>Fresh produce and fish (with AF and laser perforation)</li> </ul>	80	<b>HB</b> Hard Peel	<ul style="list-style-type: none"> <li>Tray sealer - TS</li> <li>Thermoforming - TFFS</li> </ul>
<b>RC 484</b>	<ul style="list-style-type: none"> <li>Sliced meat</li> <li>Sliced cheese</li> <li>Sauces / dressings</li> </ul>	84	<b>HB</b> Reclosable	<ul style="list-style-type: none"> <li>Tray sealer - TS</li> <li>Thermoforming - TFFS</li> </ul>

\* **LB** = Low Barrier, **MB** = Medium Barrier, **HB** = High Barrier



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