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

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>TYPICAL APPLICATION</th>
<th>THICKNESS (mic)</th>
<th>BARRIER SEAL TYPE</th>
<th>PACKAGING MACHINE</th>
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</thead>
</table>
| B 235   | • Sandwiches (triangles)  
            • Ready meals (frozen)  
            • Fresh produce and fish (with AF and laser perforation)  
            • Fresh Poultry | 35 | MB Peelable (Burst) | • Tray sealer - TS  
                                                  • Thermoforming - TFFS  
                                                  • VFFS  
                                                  • HFFS |
| B 440   | • Chilled ready meals  
            • Fresh meat  
            • Dressed salads (mayonnaise)  
            • Fresh produce and fish (with AF and laser perforation) | 40 | HB Peelable (Burst) | • Tray sealer - TS  
                                                  • Thermoforming - TFFS  
                                                  • VFFS (with AF)  
                                                  • HFFS (with AF) |
| LL 445  | • Chilled ready meals  
            • Fresh meat  
            • Dressed salads (mayonnaise)  
            • Fresh produce and fish (with AF and laser perforation) | 45 | HB Hard Peel | • Tray sealer - TS  
                                                  • Thermoforming - TFFS  
                                                  • VFFS (with AF)  
                                                  • HFFS (with AF) |
| LL 480  | • Chilled ready meals  
            • Fresh meat  
            • Fresh produce and fish (with AF and laser perforation) | 80 | HB Hard Peel | • Tray sealer - TS  
                                                  • Thermoforming - TFFS |
| RC 484  | • Sliced meat  
            • Sliced cheese  
            • Sauces / dressings | 84 | HB Reclosable | • Tray sealer - TS  
                                                  • Thermoforming - TFFS |

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