

# Topaz Thermo-Cook

Clear Solutions for PET-Based Packaging

Plastopil's Topaz Thermo-Cook lidding films offer a complete portfolio of extremely thin gauge film products, combining oven-safe cooking 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.

## 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

## Applications

Thermo-Cook (TC) dual ovenable range offers 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 Topaz TC rigid PET webs and trays and Plastopil's Topaz lidding films provides a cost-effective and environmentally friendly package.

## Food Segments

Ideally suited for all types of ready meals requiring cooking such as airlines, meals on wheels, retail and institutions.



## Product Range

PRODUCT	TYPICAL APPLICATION	THICKNESS (mic)	BARRIER SEAL TYPE	PACKAGING MACHINERY
TC L 221	<ul style="list-style-type: none"> <li>Ready meals (frozen)</li> <li>Fresh produce and fish (with AF and laser perforation)</li> </ul>	21	LB Weld seal (Locked)	<ul style="list-style-type: none"> <li>Tray sealer - TS</li> <li>Thermoforming - TFFS</li> <li>VFFS</li> <li>HFFS</li> </ul>
TC B 224	<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	MB Weld Seal (Locked)	<ul style="list-style-type: none"> <li>Tray sealer - TS</li> <li>Thermoforming - TFFS</li> <li>VFFS</li> <li>HFFS</li> </ul>
TC L 332	<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>	32	MB Weld seal (Locked)	<ul style="list-style-type: none"> <li>Tray sealer - TS</li> <li>Thermoforming - TFFS</li> <li>VFFS</li> <li>HFFS</li> </ul>
TC L 335	<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	MB Weld seal (Locked)	<ul style="list-style-type: none"> <li>Tray sealer - TS</li> <li>Thermoforming - TFFS</li> <li>VFFS</li> <li>HFFS</li> </ul>
TC B 338	<ul style="list-style-type: none"> <li>Dairy products</li> <li>Fresh poultry</li> <li>Chilled ready meals</li> </ul>	38	MB Peelable (Burst)	<ul style="list-style-type: none"> <li>Tray sealer - TS</li> <li>Thermoforming - TFFS</li> <li>VFFS</li> <li>HFFS</li> </ul>
TC B 440	<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>	40	HB Peelable (Burst)	<ul style="list-style-type: none"> <li>Tray sealer - TS</li> <li>Thermoforming - TFFS</li> <li>VFFS</li> <li>HFFS</li> </ul>
TC L 445	<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	HB Weld seal (Locked)	<ul style="list-style-type: none"> <li>Tray sealer - TS</li> <li>Thermoforming - TFFS</li> <li>VFFS</li> <li>HFFS</li> </ul>
TC L 480	<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	HB Weld seal (Locked)	<ul style="list-style-type: none"> <li>Tray sealer - TS</li> <li>Thermoforming - TFFS</li> </ul>



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