

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
- Dual ovenability – microwave and standard oven, withstanding temperatures from -40°C to 220°C
- 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
L 221	<ul style="list-style-type: none"> • Ready meals (frozen) • Fresh produce and fish (with AF and laser perforation) 	21	LB Weld seal (Locked)	<ul style="list-style-type: none"> • Tray sealer - TS • Thermoforming - TFFS • VFFS • HFFS
B 224	<ul style="list-style-type: none"> • Sandwiches (triangles) • Ready meals (frozen) • Fresh produce and fish (with AF and laser perforation) • Food service 	24	LB Peelable (Burst)	<ul style="list-style-type: none"> • Tray sealer - TS • Thermoforming - TFFS
L 335	<ul style="list-style-type: none"> • Sandwiches (triangles) • Ready meals (frozen) • Fresh produce and fish (with AF and laser perforation) 	35	MB Weld seal (Locked)	<ul style="list-style-type: none"> • Tray sealer - TS • Thermoforming - TFFS • VFFS (with AF) • HFFS (with AF)
B 338	<ul style="list-style-type: none"> • Dairy products • Fresh poultry • Chilled ready meals 	38	MB Peelable (Burst)	<ul style="list-style-type: none"> • Tray sealer - TS • Thermoforming - TFFS • VFFS (with AF) • HFFS (with AF)
L 445	<ul style="list-style-type: none"> • Chilled ready meals • Fresh meat • Dressed salads (mayonnaise) • Fresh produce and fish (with AF and laser perforation) 	45	HB Weld seal (Locked)	<ul style="list-style-type: none"> • Tray sealer - TS • Thermoforming - TFFS • VFFS (with AF) • HFFS (with AF)
B 440	<ul style="list-style-type: none"> • Chilled ready meals • Fresh meat • Dressed salads (mayonnaise) • Fresh produce and fish (with AF and laser perforation) 	40	HB Peelable (Burst)	<ul style="list-style-type: none"> • Tray sealer - TS • Thermoforming - TFFS • VFFS (with AF) • HFFS (with AF)
RC 484	<ul style="list-style-type: none"> • Sliced meat • Sliced cheese • Sauces / dressings 	84	HB Reclosable	<ul style="list-style-type: none"> • Tray sealer - TS • Thermoforming - TFFS

* **LB** = Low Barrier

MB = Medium Barrier

HB = High Barrier



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