

# Thermo-Cook

One Touch Oven Cooking

Plastopil's Thermo-Cook films provide an easier, cleaner way to prepare delicious, fresh food products that can go straight into the oven or microwave for cooking.



## Top Food Trends

- » People are cooking more at home, changing their cooking style to become more adventurous.
- » Consumers are interested in new products, upscale presentation and more exotic, gourmet food, with an eye on natural, organic, and fresh food.
- » Fresh is seen as a healthy eating strategy for the majority of perceived consumers.
- » Quickly prepared meals are a fast-growing market.
- » Consumers are making efforts to incorporate vitamins and protein-containing foods in their everyday nutrition/diet.

## Applications

Pouches, top webs and thermoformable bottom web films applicable with MAP tray sealers, vacuum TFFS, and flow packaging machines

## Food Segments

Ideally suited for packing:  
Seasoned fresh meat, poultry, fish  
and fresh frozen vegetables



## Features & Properties

- Thermoforming film thickness: 100-250 micron (4-10 mils)
- Non-forming film thickness: 35-200 micron (1.4-8 mils)
- High barrier or medium barrier
- Good tear and puncture resistance
- Excellent transparency, gloss, and clarity
- Can be reversed-trapped printed
- Designed to always open during the cooking process and release excessive steam

## Key Advantages

- Simple – easy to use, no handling of the food from store to oven, minimal preparation, no expertise necessary
- Healthy – preserves nutritional values, flavor, and color of the food product
- Fast – reduces standard cooking time by 30-50% by holding in the steam, juices and heat to cook food faster
- Clean – locks in the meat; cooks and browns without sticking; no splatters or pans to wash; leaves a clean oven
- Versatile – good for roasting turkey, chicken, beef, pork, fish and vegetables
- Safe – secure handling and no spatter burns

## Thermo-Cook (TC) Product Range

TC	THICKNESS MICRON (mils)	FORMING DEPTH mm
TC HB 75	75 (3)	10 - 30
TC HB 100	100 (4)	30 - 50
TC HB 115	115 (4.6)	40 - 60
TC HB 140	140 / 5.6	50 - 70
TC HB 165	165 / 6.6	60 - 80
TC HB 200	200 / 8.0	80 - 100
TC HB 250	250 / 10	100 - 140
TC L 335	35 / 1.4	Top Web
TC L 445	45 / 1.8	Top Web
TC L 480	80 / 3.2	Top Web



Forming temperature: 80-110°C (175-230°F)

Sealing temperature: 130-160°C (265-320°F)



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