

Multiform

Enhanced, Precise Thermoforming Films

Outstanding forming properties enable deep draw for TFFS systems with thinner forming films



Technology

Plastopil's Multiform films are a range of thermoforming films suitable for various forming depths and distinguished by excellent formability in deep draw applications.

Use of technologically advanced polymers enables the production of down-gauged forming films with equivalent performance of thicker conventional forming films.

These films are manufactured using a state-of-the-art co-extrusion water cooled line and symmetrical 14 layer co-extrusion.

Food Segments

- Fresh and processed meat
- Poultry
- Cheese



Applications

Optimal performance with all types of automatic thermoforming machines

Features & Properties

- Allows using up to 25% thinner films
- Enables thicker corners and less thermal memory
- High impact and puncture resistance — less leakers when packing rigid and/or sharp-edged products
- Retains strength at freezing temperatures — package integrity preserved
- Excellent gloss and clarity — premium product presentation
- Enhanced post-thermoforming shrink properties and impact strength
- Available in various barrier levels — keeps product fresher for longer

Product Range

PRODUCT	THICKNESS RANGE [micron]	BARRIER	SPECIAL FEATURES
X-TREME	75-275	Available High or Medium Barrier (HB/MB)	<ul style="list-style-type: none"> • 8 layer forming web, aqua frost clear • Lock seal and easy peel to PE • Excellent forming properties • Outstanding mechanical and optical properties • Suitable for pasteurization up to 95°C (203°F) • Suitable for deep freezing down to -40°C (-40°F)
MULTIFORM FW	80-400	Available High or Medium Barrier (HB/MB)	<ul style="list-style-type: none"> • 18 layer symmetrical forming web • Superior sealing properties, lock seals to PE • Very high impact strength • Available with different percentage of polyamide content – for various applications and drawing depths
COLORED MULTIFORM FW	80-400	Available High or Medium Barrier (HB/MB)	<ul style="list-style-type: none"> • 18 layer symmetrical colored forming web • Superior sealing properties, lock seals to PE • Very high impact strength • Available in a wide range of colors and tints • Available with different percentage of polyamide content – for various applications and drawing depths
MULTIFORM TC	75-250	Available High Barrier (HB)	<ul style="list-style-type: none"> • Part of Thermo-Cook range for oven cooking • Lock seals to Thermo-Cook top web films • Self venting, no need to pierce the film • Excellent gloss and clarity • Good tear and puncture resistance • Good moisture barrier properties • Can be trapped printed
MULTIFORM P	175-250	Permeable	<ul style="list-style-type: none"> • Excellent forming properties • Lock seal to PE • Suitable for packaging of products demanding higher transmissions of oxygen for better shelf life • Can also be available colored / tinted
MULTIFORM NCA	110-250	Medium Barrier (MB)	<ul style="list-style-type: none"> • Superior forming properties • Lock seal to PE • Low gauge, high performance, cuts costs • No inherent curling



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