



Involve. Inspire. Impress.



Semi-rigid Thermoformable Films

Thermoformable, Semi-rigid Films – Unlimited Possibilities to Design

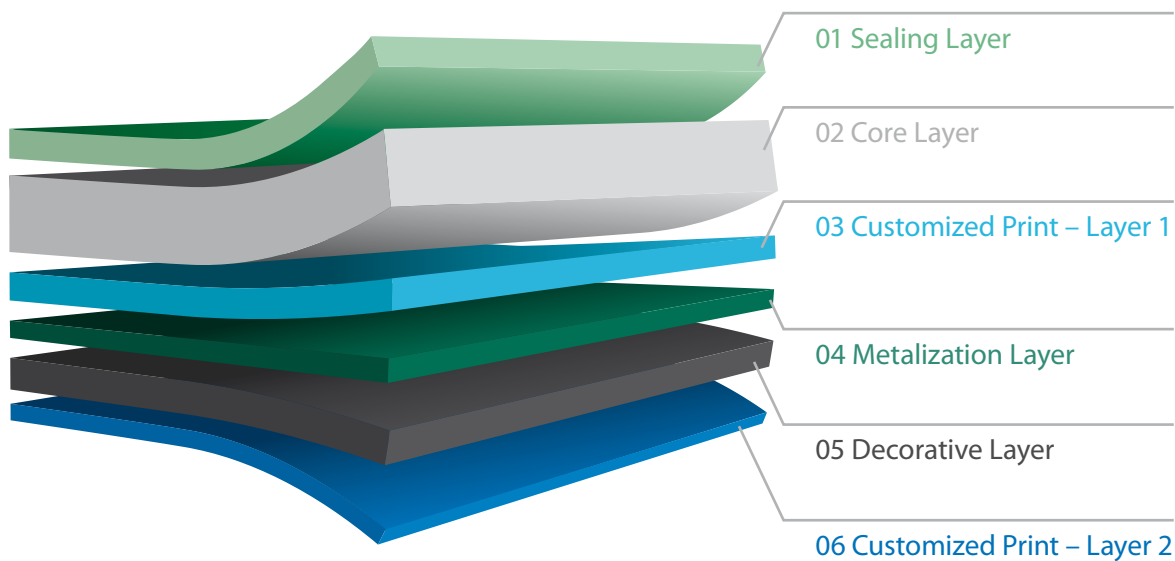
With or without barrier, tightly sealed or with reclosing, colored, with paper or metalized – Wipak offers a broad range of special features.

Wipak semi-rigid, thermoformable films can be used for a broad range of applications, like (sliced) meat and cheese or fresh pasta. They are also perfectly suited to small portion concepts such as cheese snacking solutions and olive oil portioning.



Construct Your Solution

From One to Six Layers
Leverage Various Design Options
Gauges from 200 to 750 µm



01 Sealing Layer

- ▶ Material Choices: Sealable PET, PE
- ▶ Design Options: Tight seal, easy opening, reclose, high gas barrier
- ▶ Product Options: Repak® Bottom*, Skin Bottom
- ▶ Optional: Special release properties in case of a sticky product

02 Core Layer

- ▶ Material Choices: APET, PS
- ▶ Design Options/ Colors: Transparent, standard (black or white), pantone colors, visual effects
- ▶ Optional: Resistant to hot filling

03 Customized Print – Layer 1

- ▶ All Print Flexibility**: Flexo, HD flexo, roto-gravure

04 Metalization Layer

- ▶ Option to have Metalization Layer: Silver, gold
- ▶ High scratch resistance to maintain premium product appearance
- ▶ High opacity and excellent forming properties despite metalized film layer

05 Decorative Layer

- ▶ Design Your Artisanal Look
 - ▶ Paper BTM® (brown, white, different structures)
 - ▶ Fleece Form (various colors, different roughness)

06 Customized Print – Layer 2

- ▶ All Print Flexibility**: Flexo, HD flexo, roto-gravure
- ▶ Haptic Lacquers
- ▶ Artisanal Look: Wood structures, fine tuning of 'paper' (brown) tint
- ▶ Optional: Combining Print Layers 1 and 2
 - ▶ Double-sided print in register
 - ▶ Identical design throughout

* Re-close functionality, protective against MOSH/MOHA migration and especially suited for more demanding packs

** Protected against any scratching

** Print design adapted to 'after-forming' (distortion printing)

Case Studies



Base Concept

Semi-rigid tray in different colors or translucent, combined with peelable or reclosable lidding films.



Top Forming

Semi-rigid tray package with thermoformable lidding film (mechanical reclose system).



Paper Bottom®

The tray laminate consists of more than 35 percent FSC®-certified paper. Aroma protection, storage life or oxygen barrier are provided by means of plastic layer.



Fleece Bottom

PET bottom web with printed non-woven material – a composite solution offering pleasant haptic qualities and a natural look.



Unifill Portion Packs – Standard

MultiPET based composition for stand up and non-stand up shapes. Available for reverse printing in roto and surface printing in flexo. Suitable for food and non-food applications.



Unifill Portion Packs – Hot Filling

MultiPS (Polystyrol) based composition for non-stand up shape only. Available for reverse printing in roto and surface printing in flexo. Dairy and processed cheese are the most common applications. With cheese release-function.



Arcil Application

A new way to pack yogurt or fruit preserves. Top Forming solution for a APET/PE, flexo surface printed. Further developments ongoing on mono APET, mono PS, PS/PE.



Metalized Skin Bottom

MultiPET adapted for skin film application, available in gauges from 215 to 315 μm , gold or silver metalization with high scratch resistance, peelable and as Paper BTM® or Fleece Bottom.

MultiPET Standard Portfolio

	Thickness Range	Colors	Optional Easy Opening	Optional High Oxygen Barrier	Optional with Reclosing Function
MultiPET	200 – 750 μm	White, Black, Blue*	X	X	X
Multiclear	As requested				

* other colors on request

- ▶ Dedicated or semi-rigid thermoforming applications
- ▶ All transparent films have brilliant optical properties (high transparency and high gloss)
- ▶ Optional sandwich or surface printing
- ▶ Also suitable for Top Forming applications

Case Studies



Transparent MultiPET

Standard laminate with transparent MultiPET. Also available as mono solution with reclose system.



Black MultiPET

Black MultiPET: Thermoformed bottom film with great color consistency. Premium appeal for sliced meat products. Possibility to use with all kind of lidding films, including Top Forming.



Reclose + Mono APET

Semi-rigid, highly transparent mono APET bottom web sealed with polyester-based reclosable lidding film.



Involve. Inspire. Impress.

China • Czech Republic • Estonia • Finland • France • Germany • Hungary • Italy • Japan • Netherlands
Norway • Poland • Russia • Singapore • Spain • Sweden • Switzerland • Turkey • United Kingdom



The Wipak Group develops and manufactures sophisticated packaging solutions for food products, as well as for medical instruments and devices. As part of the Finnish Wihuri Group, Wipak is a leading European supplier of multilayer films – especially high barrier films. Our extensive range of services delivered by our Innovation Center, combined with application support through training and workshops, ensure that with our products we can provide significant added value to our customers.

For further Information please contact:

food.packaging@wipak.com

www.wipak.com