



**Plaszom**  
Packaging

UNIDADE 1



**Packaging for Animal Nutrition**

FOR EVERY NEED,  
A UNIQUE SOLUTION.



With high versatility, Plaszom's complete line – films in rolls, bags up to 25 kg, stand-up pouches, and box-pouch bags, thermoformed high-barrier trays, and pots – **has everything your industry needs.**

# ABOUT US

With over 55 years of history, 4 industrial plants, and a focus on the development of flexible and rigid packaging, Plaszom has become **the most secure and diverse Brazilian packaging industry with advanced technologies.**



## CERTIFICATIONS

Our evolution during this period is the result of a continuous innovation process and a focus on the customer: we invest in cutting-edge technology, the manufacturing park, and the technical capacity of our human resources. After all, those who are a reference in what they do never stop transforming.



**With high-tech European and American equipment** and the purpose of protecting the value of our customers' products, **we produce packaging with special finishes and high-definition printing** (flexographic and rotogravure), meeting the technical requirements established by our customers that demand increasingly sustainable applications.

We also have partnerships with renowned technology institutes to assist in our developments.



# AHEAD OF MARKET NEEDS, BY YOUR BUSINESS'S SIDE.

## OUR CORPORATE LABORATORY

With a highly qualified technical team composed of engineers and chemists, our Corporate Laboratory performs all necessary analyses: structural, barrier, mechanical resistance, and sealing. In this way, we meet our customers' demands efficiently and quickly.

The constant pursuit of innovation and development of new products is part of our DNA. Plaszom conducts studies and internal analyses in its Corporate Laboratory, and in partnership with technology centers, enabling us to gain knowledge and know-how in modern technologies for the production of flexible and rigid packaging.

Our Corporate Laboratory performs analyses of **WVTR; OTR; Hot Tack; Heat Seal; COF; M.I.; Density; Tear; Traction;** according to ASTM standards.



# PACKAGING AND FILMS FOR ANIMAL NUTRITION



Complete line of films and pre-formed bags with structures that guarantee properties, preserve nutrients, and maintain the color, flavor, and texture of the food.

# TECHNICAL CHARACTERISTICS



Degassing valve application

Zipper application

Rotogravure printing in 9 colors with reverse

Barriers for OTR, light, WVTR, and grease

Flexographic printing up to 8 colors

CMYK or expanded gamut

Various structural options

## FINISH

Glossy, metallic, matte, or pigmented.

## LAMINATION PROCESS

Solventless and solvent-based

## FORMATS

- Stand Up Pouch
- Pouch
- Box Pouch
- K Seal
- 4 Seals with glued bottom
- Films in Rolls

# SUSTAINABLE MONOMATERIAL STRUCTURES



- Mono-oriented PE + PE
- PE + PE
- Mono-oriented PP + PP
- BOPP + PP
- PP + PP
- Matte, transparent, or pigmented

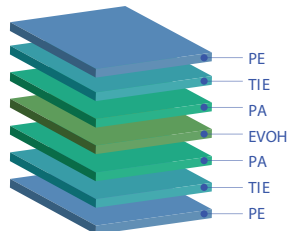
## COMPARISON OF BARRIERS OFFERED THROUGH FUNCTIONAL COATING

STRUCTURE	OTR (23°C 0% UR)	WVTR (38°C 90% RH)	
PET + PA	163 cc/m <sup>2</sup> ·day	2.5 g/m <sup>2</sup> ·day	
PET + PET + PE	2.3 cc/m <sup>2</sup> ·day	2.5 g/m <sup>2</sup> ·day	
PET pvdc + PE	7.16 cc/m <sup>2</sup> ·day	2.5 g/m <sup>2</sup> ·day	
PET + PE	<1.5 cc/m <sup>2</sup> ·day	2.4 g/m <sup>2</sup> ·day	<b>ST only-one</b>
MOPE + PE	<1.5 cc/m <sup>2</sup> ·day	2.4 g/m <sup>2</sup> ·day	

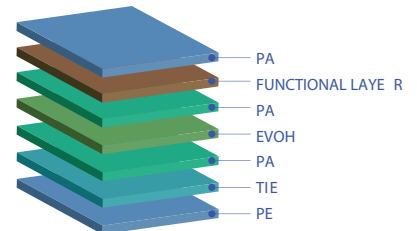
# CONVENTIONAL STRUCTURES IN MULTIMATERIALS

Laminated and coextruded structures, combining the following materials: PE films, PP, BOPP, BOPET, and high and medium barrier films (7 to 9 layers).

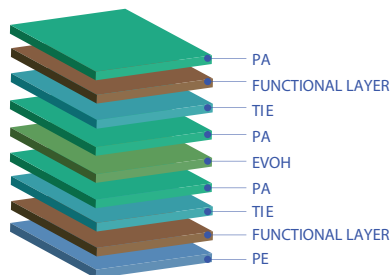
7 LAYERS



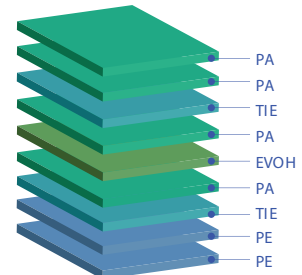
9 LAYERS



9 LAYERS

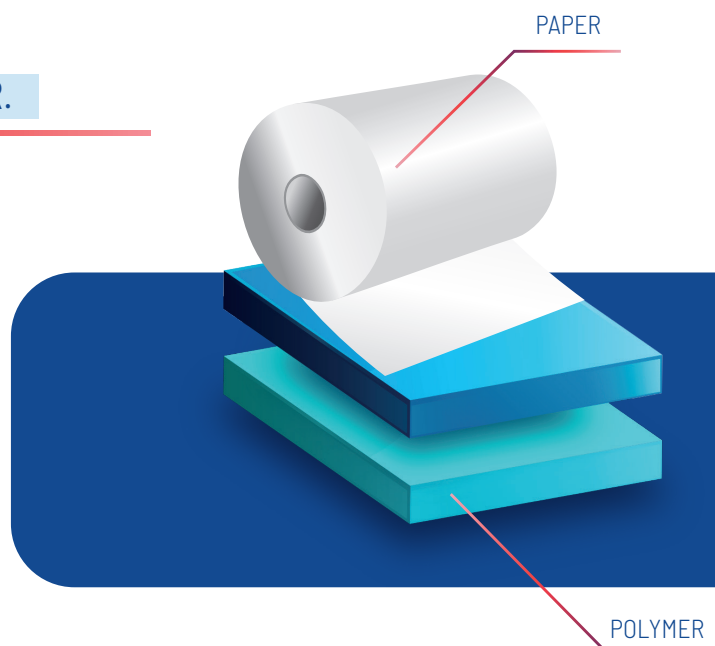


9 LAYERS



## TO REDUCE PLASTIC USE, STRUCTURES IN PAPER + POLYMER.

- Reduction in plastic use in packaging;
- Replacement of polymer layers with cellulosic substrate, with or without barrier applications;
- Paper + MET PET + PE;
- Paper + MET BOPP + PE;
- Paper + PE (with ST only-one barrier).



# DISCOVER OUR PRODUCT PORTFOLIO AND LATEST INNOVATIONS

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