

Our Sustainable Packaging Options

At Funtrition®'s Inspiration Center, in our Packaging Engineering area, is where Art & Science come together to design options that protect products across distribution, storage, sales and use!

Beauty, functionality, variety, and now sustainability are some of the most important characteristics that we consider when it comes to the packaging options we offer.

Our sustainable packaging options use raw materials to **minimize the waste of resources**, such as water and energy, needed for their production.

Learn all about the eco-friendly packaging options brought to Vitafoods...



PAPER NEXT PLUS ADVANCED

for Sachets & Standing Pouches



GERMAN RAW MATERIAL: KOHELER PAPER

STRUCTURE: Heat-sealable barrier paper made of virgin fiber pulp with an oxygen, fat and mineral oil barrier. Prepared for the application of cold seal adhesive.

BENEFITS: Koehler's latest innovation, **NexPlus® Advanced**, is an evolution of Koehler Paper's barrier concept, with the goal of **replacing plastic as a packaging material** where appropriate. nucao is the first chocolate manufacturer in the market to adopt primary paper packaging made from paper.



LAMINATED RECIPACK

for Sachets & Standing Pouches

COLOMBIAN SUPPLIER: ALICO

STRUCTURE: High-performance polyethylene monolayer (PEADTS-AB) packaging, which makes it suitable for **post-use mechanical recycling**. After use through mechanical recycling. Provides high barrier to moisture and oxygen. Printed on one side with the **possibility of glossy or matte appearance**. **High mechanical resistance, resistance to tear and puncture resistance.**

BENEFITS:

✚ Preserves the functionality present in conventional packaging, allowing the substitution of three-layer laminates with aluminum FOIL, **reducing energy consumption by 23% and greenhouse gases by up to 65%.**

✚ Contributes to the circular economy of plastics by being a monomaterial polyethylene packaging suitable for recycling, and which, together with an adequate final disposal chain, allows post-consumer use through mechanical recycling.

✚ High moisture barrier, as it is co-extruded with EVOH, it also provides a high barrier to oxygen and remains fully recyclable. High gloss that highlights the printing and guarantees an excellent appearance, optional matte appearance. Optional, matt lacquer that allows to generate a rustic or paper appearance.

✚ Mechanical resistance which guarantees that the packaging has good resistance to dropping, tearing, and puncturing.



LAMINATED OPTIFLEX

for sachets & standing pouches



COLOMBIAN SUPPLIER: ALICO

STRUCTURE: Bag made from **laminated PET film and PE/EVOH** co-extrusion White/Black, suitable for food contact. This packaging is an alternative that **eliminates metallized plastic films and/or aluminum foil** by reducing a layer in the final packaging. It provides high barrier to oxygen and moisture, good protection to aromas and flavors. The black/white pigment provides a light barrier. The external face provides excellent gloss, guaranteeing the quality of the trapped print. It has very good mechanical properties and a wide sealing range.

BENEFITS: Optiflex seeks to replace metallized and aluminum foil in trilaminate packaging, in order to have a simpler structure, formed 100% of plastic and allowing to go from a trilaminate to a bilaminate, reducing the number of materials used, the weight of the packaging between 8 to 14% compared to structures with aluminum foil and the cost of the packaging, since a lamination process and material is eliminated.





Unlock the Potential of

Innovative NUTRITIONAL Experiences

through **Art & Science!**

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