

GEORGIOU FLEXIBLE PACKAGING S.A.

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Sustainable cyclical economy

At GEORGIOU FLEXIBLE PACKAGING S.A., we follow a series of actions, with the main objective being to develop the company, while strengthening its positive impact on society and reducing its environmental footprint. This is our goal and we implement it in stages, in cooperation with our workers, suppliers, clients, and local authorities, in order for all of us to make sustainability and the cyclical economy a way of life.

Procedures/Products

Through commitment and cooperation with our workers, suppliers, and clients, we reduce the consumption of energy and we minimize the impact of our actions on the environment by means of:

- Systematic recycling of the materials used in the production process
- Reducing waste and maximizing the possibilities of new processing and recycling, with maximum efficiency as the goal.
- Re-use of wooden pallets
- Use of LED lighting and lighting with movement sensors
- Assurance that all of our products are being developed, produced, packaged, transported, and promoted on the market without harming health or the environment
- Studies of possible uses of renewable energy sources for heat and electricity production for use in the production process.
- Waste management by certified partners
- The research and development department seeks to produce new, more environmentally friendly raw materials and packaging materials, in an effort to strike a complete balance among the needs for quality, effectiveness, and the cyclical economy.
- Training offered to personnel, thus giving the employees the possibility to contribute substantially to energy and environmental management.
- Participation in activities organized by various entities for the environment, renewable energy sources and saving energy and water.
- Encouraging suppliers all over the world to internalize our mission regarding sustainability and the cyclical economy.

Our goal is to help consumers understand flexible packaging better and participate in recycling programs in order for packaging to be re-used.



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The Sustainability of flexible packaging

Flexible packaging, due to its qualities and its low weight, ensures the following for the ultimate consumer:

- Protection of the product from infections
- Easy storage and transport
- Re-use of the product
- Extension of the product's useful life
- Reduction of the loss of products during shipment

The production of flexible packaging, compared to other types of packaging (inflexible, paper, glass) achieves the following:

- Less use of packaging materials
- Less consumption of energy and natural resources
- Less emissions of CO2 into the environment
- Greater product weight to packaging weight ratio (*)
- It requires less trucks for shipment and thus less fuel consumption and less emission of pollutant gases (smaller environmental footprint) (**)
- *An example of the quantity of packaging required to package 60 lb of beverages (1 lb=0.453 Kg) 50 lb of glass 6 lb of inflexible PET
- 3 lb of aluminum
- 1.5 lb of flexible packaging
- **The trucks required to transport packaging for equal amounts of packaged productt:
- 26 trucks to transport empty glass containers
- 1 truck to transport empty flexible pouches

Source: The data come from the United States Flexible Packaging Association (FPA)