

# BIO SUSTAINABLE™

## FOOD TRAYS



BioSustainable™ food packaging trays present an environmentally responsible alternative to traditional plastic trays. Made of compostable thermoplastics, they biodegrade into water, CO<sub>2</sub>, and humus without releasing any waste or microplastics. Being equally suitable for industrial composting and natural landfill biodegradation. BioSustainable™ trays offer a perfect solution to costly attempts of collecting, sorting, and recycling of traditional contaminated plastic trays. BioSustainable™ trays also exceed the ecological and food-preservation performance of pulp trays in multiple ways:

1. Unlike pulp trays, BioSustainable™ trays do not absorb moisture from produce, prolonging its shelf life.
2. Moist BioSustainable™ trays do not lose rigidity, preserving an attractive look to consumers.
3. BioSustainable™ thermoplastic trays leave a much smaller ecological footprint, since pulp production requires 4x more energy than plastic, 2x more energy to recycle, emits 80% more greenhouse gases, and generates 50x more water pollution.

Our trays are customized with the addition of wood and cellulose fibers for a distinguished natural look and feel. BioSustainable™ trays are a part of our commitment to an Eco-friendly packaging approach and a clear step towards cleaner and healthier environment.

# BIO SUSTAINABLE™

## WHY US?

NEARLY 3 OUT OF 4  
CONSUMERS AGREE TO PAY  
FOR SUSTAINABLE PACKAGES



32 COUNTRIES HAVE BANNED  
VARIOUS SINGLE-USE PLASTIC  
PRODUCTS.

Bioplastics differ from regular plastics by their ability to decompose in nature into CO<sub>2</sub>, water, and humus, within relatively short time by naturally occurring bacteria.

Bioplastics are distinguished by the environment where they can biodegrade – some, like PLA, can only biodegrade in industrial composters, others, like PBAT, also perform well in home composting, while very few, for example PHA, biodegrade fast even in marine environment. This influences the selection of the type of bioplastic for specific application depending on where and in which environment the product will be used. Bioplastics are an excellent solution where reprocessing or collection of plastic is difficult.

Biodegradable plastics can greatly assist in reduction of plastic contamination of the oceans and lands, and in prevention of micro plastics accumulation in waters and soil. Bioplastics can be reprocessed similar to other plastic.

	BIOSUSTAINABLE™	PULP	STYROFOAM
NOT AT RISK OF BEING BANNED	✓	✓	✗
COMPOSTABLE	✓	✓	✗
ECOLOGICALLY FRIENDLY	✓✓	✓	
LONGEST SHELF LIFE	✓	✗	✓