



Plascon™

BIODEGRADABLE

FOOD GRADE BIODEGRADABLE BAGS & LINERS

Plascon biodegradable products offer the strength and durability needed to protect, transport, and warehouse products, while minimizing the environmental impact. As a company, we actively seek to reduce waste, while providing a sustainable packaging product that is environmentally friendly and lessens the ecological impact.

Our food grade and FDA approved biodegradable box liners are ideally suited for farming and agriculture to store and transport fragile produce and prevent spoilage during transit. From food products to floral arrangements, our biodegradable liners help to preserve freshness until delivery is made.

Plascon biodegradable bags and liners are ideally suited for non-food items as well. Any product requiring a liner as an extra layer of protection can benefit by our eco-friendly biodegradable alternative packaging. Our biodegradable films offer the same strength and tensile properties as non-degradable plastic and contain no toxic byproducts or heavy metals. No heat, light, or mechanical stress is required for biodegradation to occur.

- Fresh Produce
- Meats, Poultry & Seafood
- Grains, Rice, Flours & Pastas
- Bakery Items
- Retail Packaging
- Automotive Parts
- Trash Liners

Eco-Friendly Flexible Packaging Solutions



SAME STRENGTH & TENSILE PROPERTIES AS NON-DEGRADABLE PLASTICS

NO TOXIC BYPRODUCTS & DOES NOT CONTAIN HEAVY METALS

NO HEAT, LIGHT OR MECHANICAL STRESS REQUIRED TO BREAK DOWN

FORMULATION MEETS FDA REQUIREMENTS

NO SPECIAL HANDLING REQUIRED

CUSTOM BLENDS & SIZING

As manufacturer, we offer biodegradable LLDPE, HDPE, and PE blends that can be customized to your specific requirements, and converted to gusseted box liners, flat poly bags, and tubing.

Options include:

- Film Ranging from 6 – 50" in Width
- Film Thickness Ranging from 0.5 – 5 mil
- Clear or Colored Film
- One-Color Logo Imprint



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ENVIRONMENTALLY FRIENDLY

Not all biodegradable plastics are created equal. Photo-degradable products for example require sunlight and therefore do not degrade properly in landfills. Plastics made with PLA are marketed as "biodegradable", however fail to biodegrade in landfills, and are very expensive to manufacture.

With Plascon biodegradable products, you never have to worry about these issues. Our plastics will biodegrade in both aerobic and anaerobic conditions, with or without the presence of light.

BIODEGRADABLE

Biodegradation can take place with or without the presence of light, and is metabolized into biomass and humus when it returns to the environment.

USES:

- Landfills
- Buried In, or In Contact with the Soil
- Litter
- Erosion/Agriculture Netting & Film

INDEFINITE SHELF LIFE

- No Special Storage Conditions Required
- Does Not Degrade From Exposure to Heat, Light or External Stresses During Storage, Shipping, Handling, or Use

THE SCIENCE BEHIND THE TECHNOLOGY

What makes Plascon's plastic bags and liners biodegradable?

An additive is combined with the plastic resin that allows the finished film to biodegrade without effecting the durability and strength of standard non-biodegradable counterparts.

Plascon's Biodegradable Films have been tested and proved as biodegradable and safe for the environment by ASTM D5209, ISO 14855 / ASTM 5511 / ASTM D5538 standard testing methods. All sorts of factors determine the amount of microbes available in the soil and the soil conditions determine the rate of degradation.



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