



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 0.8 – 4.5 mil
- Clear or Colored Film
- Solid or Translucent Film



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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.

* 49.28% biodegradation in 900 days under non-typical conditions. No evidence of further biodegradation.



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