



# Biodegradable

**PILLOW PAK®** air cushion material  
Environmentally Friendly Packaging  
from FP International

**Biodegradable PILLOW PAK® air cushion material is the right choice for the environment and for protecting your valuable products.**

**Biodegradable PILLOW PAK air cushion material** is the next generation of sustainable packaging. It is made from 100% recyclable material and will decompose completely within 9 to 60 months in the presence of microorganisms, whether it is sent to a landfill or ends up as litter in the soil.

**Biodegradable PILLOW PAK air cushion material** saves money by eliminating traditional bubble transportation, handling and storage costs. One inflated roll of PILLOW PAK Quilt Medium film, with its 7/8" height, is the equivalent of four full bundles of traditional 1/2" bubble material 48" wide and 250 feet long.

Unlike traditional bubble material, Biodegradable PILLOW PAK film doesn't pop and lose its cushioning properties. The film allows air to move (or transfer) between cells providing superior product cushioning and protection.

**Biodegradable PILLOW PAK air cushion material** is a better choice than traditional bubble, foam-in-place, or paper.



## Benefits over traditional bubble wrapping material

1. Made from 100% recyclable material that biodegrades in 9 to 60 months in the presence of microorganisms
2. Cost-effective: lower material cost because the
3. Quilt Medium bubble height is 7/8"; reduces the number of wraps needed while providing superior cushioning protection
4. Reduces damage - unique air transfer technology improves cushioning and provides superior protection
5. **MAXIMUM FLEXIBILITY!** Perforated every six inches for easy handling
6. Fast: makes a 1,000 sq. ft. bundle in under 8.5 min.
7. Uses less fuel and emits fewer greenhouse gases in transportation, as one truckload of Quilt Medium film makes the equivalent of 42 truckloads of 1/2" bubble
8. Emits 11% less greenhouse gas emissions and uses 11% less energy in its production

**Biodegradable PILLOW PAK air cushion material**

- Better for the Environment
- Better for Your Business
- Better for Your Customers



One pallet of Quilt Medium film makes the equivalent of a full truckload of 1/2" bubble

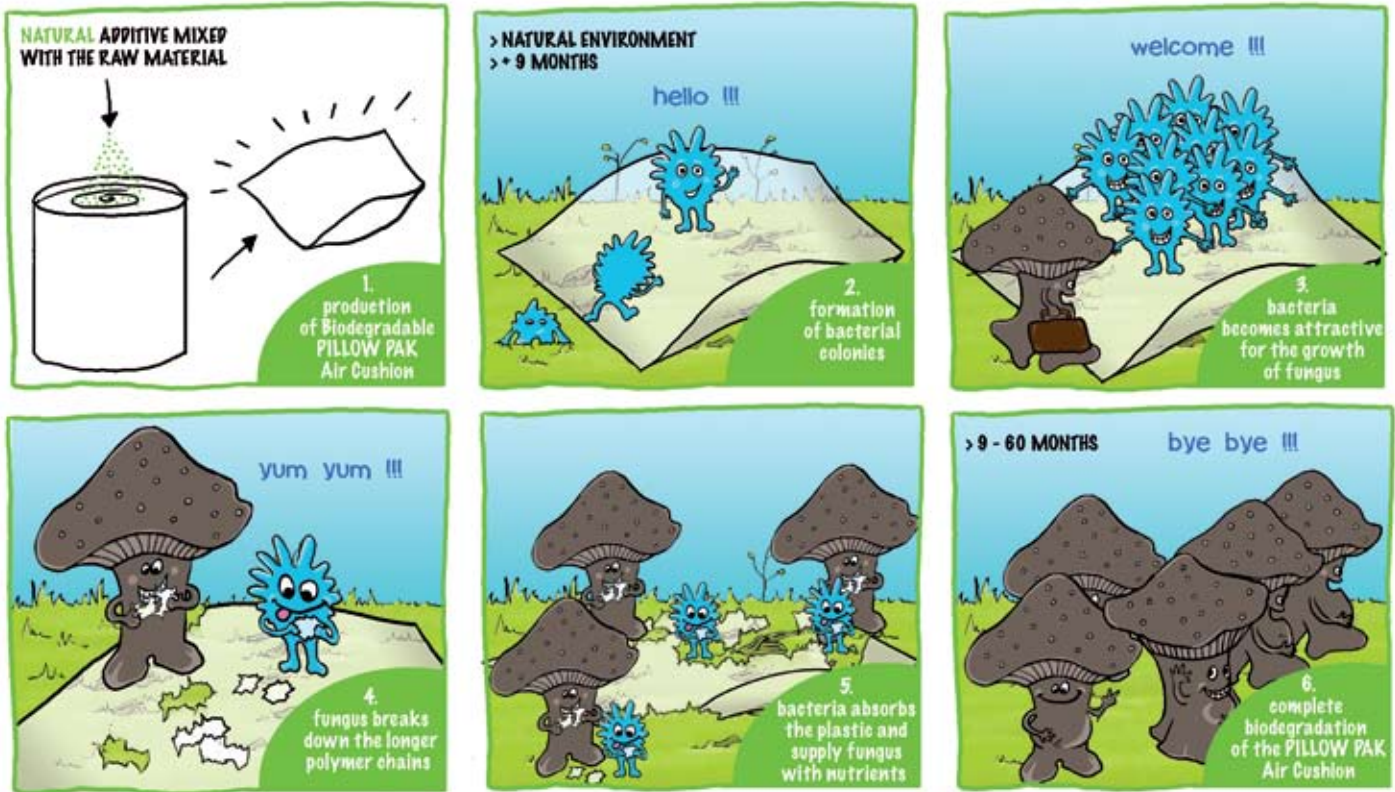


EN 13427 COMPLIANT



**GREEN FAMILY**  
Environmentally Friendly Product

# NATURAL BIODEGRADATION OF BIODEGRADABLE PILLOW PAK AIR CUSHION MATERIAL



This additive does not affect the performance or the shelf life of our product, because biodegradation only occurs in the presence of microorganisms which are present in landfills, home and commercial composting, and other areas where they exist in nature. The products will biodegrade in aerobic (with air) and anaerobic (without air) conditions.

## How do we know the product will biodegrade?

Numerous plastic samples that use the additive have been tested by independent laboratories, in accordance with standard test methods approved by ASTM and other standardization bodies, to determine the rate and extent of biodegradation of plastic materials.

The test methods include:

- ASTM D5511 - Anaerobic Biodegradability (Simulates landfill).
- ASTM D5338 - Aerobic Biodegradation Under Controlled Composting Conditions.
- ASTM 5209 - Aerobic Biodegradation in the Presence of Municipal Sewage Sludge.

The results of these tests concluded that plastic products manufactured with this additive are biodegradable and safe for the environment. Furthermore, our own testing supports these conclusions.

## Environmental Commitment

FP International has a substantial record of environmental achievements. In 1990, FP International was the first company to recycle post-consumer, polystyrene foam packaging and use the recycled material to make new loosefill, from 100% recycled material. FP International received national recognition with the Administrator's Award from the US Environmental Protection Agency, and also received numerous state and local awards for environmental commitment and recycling programs. In 2009, the company recycled in excess of six million pounds of expanded polystyrene worldwide.



**INVENTING THE FUTURE OF PACKAGING**

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2.5M 0310 FP176A  
Printed on recycled paper