Next-Generation Recyclable & Biodegradable Bubble Wrap Solutions

“Open the future with a new generation of sustainable bubble wrap solutions to guide your sustainability strategy. Join the evolution”
Biotransformation Technology

OPENING YOUR BUSINESS TO NEW POSSIBILITIES TO GUIDE SUSTAINABILITY STRATEGY

We believe the need for an environmentally-friendly packaging is now a fact of life, another key requirement alongside preserving and protecting the goods, communicating brand image, conveying information or offering convenience. We believe that bringing effective innovation and working in collaboration up and down the value chain is a crucial step towards helping end-user markets to go through such a change by opening new ways and possibilities. Collaboration means common understanding of the trade-offs between the fundamental functions, cost and the right sustainable solution for the packaging can be explored and addressed much faster.

Although what constitutes a sustainable packaging continues to be an open debate, industry consensus on the general attributes sustainable packaging should have, in addition to low energy, water and emissions footprint, includes: reduced weight, recyclability, reusability or biodegradability to reduce waste-to-landfill and to limit any impact of littering on the natural environment. More, the packaging still needs to meet the customers’ functional and economic requirements. This is where our breakthrough solution fits in. Welcome to the future with a new generation of recyclable and biodegradable bubble wrap solutions. Join the evolution.

Bubble wrap film:

“It should not cost the environment”

A FULLY RECYCLABLE AND BIODEGRADABLE SOLUTION LEAVING NO MICROPLASTIC BEHIND

Through the process of Biotransformation, bubble wrap formulated with our proprietary technology are fully recyclable and should be recycled in the same recycling loops as a conventional PE film after useful life. If inadvertently leaked or disposed of on land in an outdoor environment, it has the ability to fully biodegrade leaving no microplastics nor harmful substances behind. The degradability and biodegradability performance of these films are tested to international standards and verified by third-party accredited independent laboratory.

Learn more at: www.Polymateria.com

TOTAL END TO END SOLUTION ACROSS A VARIETY OF FILM QUALITIES.

These new generation of recyclable and biodegradable bubble wraps are made from high quality 100% recyclable food grade Polyethylene (LDPE). Primarily intended for protective film application, these bubble wraps can be made with different air bubble sizes and anti-static or not on request. Typical end-user applications include but not limited to:

- Fruits & Vegetable packaging
- Furniture guard
- Standard bubble bags
- Sensitive electronics packaging (anti-static)

FOCUSED ON YOUR SUCCESS

Our contribution to your success lies in the ability to combine our advanced technology know-how with the flexibility: global reach and production capabilities of world-class bubble wrap manufacturer partner. This enables tailored solutions, design flexibility, faster design to point-of-use implementation. The network of our strategic partnership spans across a wide range of markets including Europe and US.

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EMPOWERING END-USERS FOR RESPONSIBLE DISPOSAL

Bubble wrap formulated with Biotransformation technology is deployed with a distinctive identity to provide end-users a clear behavioural and directional prompt as to when and where these packaging must be disposed of, the possibility to learn more and to make a simple and quick decision making.

FOOD APPLICATION COMPLIANCE