

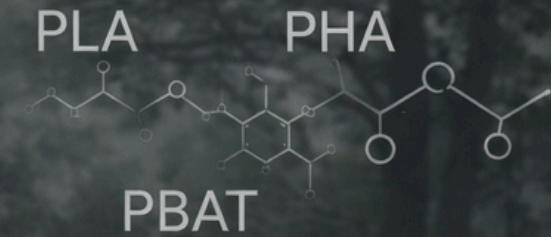


SHENZHEN SAMCOME ECOTECH CO., LTD

2026 EDITION

Product Catalog

NEW GENERATION PRODUCT



Product Portfolio

Overview

Series 1: Samfoam® Bio-based Foam Materials Series (SF) focuses on sustainability and performance. With more than 30% bio-based content and a water-based production process, these materials are lightweight yet high-strength. They are widely used in eco-friendly packaging, green building materials, and industrial lining applications.

Series 2: Sambio® Fully Biodegradable Series (SB) is designed for complete environmental responsibility. These materials are fully biodegradable and compostable, supported by multiple international certifications. Their primary applications include food packaging, food service ware, e-commerce logistics, and agricultural film.

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SAM-FILL

Sustainable void-fill packaging in a bio-based bag.

SAM-FILL

Engineered from plant-based PLA and starch for balanced compressive strength and durability. Stable across -10°C to 60°C , it provides reliable cushioning while remaining fully compostable within months, aligning with global sustainability directives.

Sam-Bubble-Fill is a hybrid, eco-conscious packaging solution featuring a durable, plant-based bubble film outer bag filled with lightweight, biodegradable foam granules. It combines reliable cushioning performance with full industrial compostability, degrading within 3–6 months. With a functional temperature range of -10°C to 60°C and enhanced tensile strength from PLA-based materials, it meets strict international sustainability standards while protecting sensitive goods during shipping.



SAM-BUBBLE-FILL

Combines the bubble bag exterior with the granular fill function.

Typical Applications:

- High-end e-commerce packaging
- Export shipments to regulated markets
- Limited-use protective packaging (events, exhibitions)
- Sustainable void-fill and cushioning for irregularly shaped items

Technical Note:

While offering superior environmental benefits, SamBubbleFill™ has a slightly lower water resistance than traditional PE-based products and performs optimally within the stated temperature range. It represents a forward-looking investment in green logistics and brand-aligned packaging.

Key Features & Benefits:

- **Dual-Layer Protection:** Bubble film exterior resists punctures and abrasion; granular fill adapts to product shapes and absorbs shock.
- **Fully Biodegradable:** Both bag and fill break down completely under composting conditions, eliminating plastic waste and microplastic pollution.
- **Sustainable Materials:** Made from renewable plant-based polymers (PLA/PBAT/starch), reducing carbon footprint by 40–60% vs. traditional plastics.
- **Regulation Ready:** Complies with EU SUP Directive and global single-use plastic bans—ideal for export and eco-conscious brands.
- **Optimized for E-commerce:** Suitable for electronics, cosmetics, and premium goods where protection and sustainability are top priorities.



Product Name: Sam-Fill (White)

Description:

SamFill White is a premium-grade, plant-based biodegradable loose fill made from renewable PLA and starch composites. It provides reliable cushioning and void-fill protection with a clean, bright white appearance suitable for branded and high-visibility packaging. Fully compostable and free of microplastics, it meets international sustainability standards while maintaining consistent performance across a wide range of shipping conditions.

Product Name: Sam-Bubble-Bag

Description:

Sam-Bubble-Bag is a 100% biodegradable protective packaging made from renewable plant-based polymers like PLA and PBAT. It offers reliable surface cushioning and puncture resistance with a clean, natural finish, suitable for eco-conscious branding and high-visibility packaging. Fully compostable within 3–6 months and free of microplastics, it meets stringent international sustainability standards while delivering consistent performance for a wide range of shipping and wrapping needs.





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