

STARPACK[®]

Integrated Environmental Packaging Solutions Provider

Packaging and Consumables Catalogue



STARPACK®

Integrated Environmental Packaging Solutions Provider



Innovator of Packaging and Consumables Manufacturer for Retail and E-Commerce



1688 Store



D2C Webiste



Official Webiste

www.starpacksolutions.com



Company Profile

STARPACK is a green new material enterprise integrating R&D, design, production and service. It has been honored as a National High-Tech Enterprise and a Provincial Specialized, Sophisticated, Unique and New “Little Giant” Enterprise.

Relying on research teams including the Foshan South China New Materials Research Institute, the company has jointly established joint laboratories with Tsinghua University, Beijing Institute of Graphic Communication and other institutions, focusing on modified technologies for functional fully biodegradable materials.



The company has passed authoritative certifications such as ISO, GRS, Green Product Certification and TÜV Rheinland. Its products have obtained international biodegradable certifications including BPI (US), EN13432 (EU) and others.

With a comprehensive product portfolio covering food packaging, e-commerce packaging, logistics packaging and other eco-friendly packaging solutions, the company has served more than 500 branded customers including DHL, China Post, TikTok and JD.com. STARPACK strives to build a benchmark for eco-friendly packaging with its in-house R&D and manufacturing capabilities.

Strength Matrix

Four

PhD Leaders Expert R&D Team

Led by four PhD researchers, our R&D team innovates across sustainable materials, structural design, and production. We deliver tailored eco-friendly packaging solutions that advance your sustainability goals while ensuring reliability, efficiency, and brand differentiation.



Two

Research Institutes Strong R&D Platforms

Our two research institutes work in synergy, focusing on material formulation, new technology testing and commercialization to support superior product quality and technological leadership.



Three

Production Bases Scaled Manufacturing & Reliability

With 3 major production bases in Guangdong, Shandong and Zhejiang, we ensure seamless integration of R&D and manufacturing, enabling efficient technology-to-mass production and consistent quality delivery.



One

Stop Integrated Service From R&D to Delivery, All in One

We provide full-cycle closed-loop management from R&D, design and sampling to production, quality control and delivery, offering a one-stop hassle-free packaging solution for our clients.



Certifications & Patents



Authorized Certifications for Trusted Quality

We have obtained ISO 9001/14001/45001, GRS, BPI, D2W and other key certifications, cover-ing quality, environment, safety and eco-friendly materials, ensuring compliance and reliable qual-ity for clients.



Innovation & Patented Technology

Focusing on industry challenges, we transform R&D achievements into patented technologies,ensuring product performance, sustainability and production efficiency.

Product Categories



Biodegradable materials, or "green ecological materials", are polymer materials degradable by natural microorganisms including bacteria, fungi and algae, mainly through aerobic biodegradation under specified conditions.



GRS Recycled Materials

GRS-certified recycled raw materials meet the Global Recycled Standard, ensuring traceability and environmental responsibility. Made from post-consumer and post-industrial recycled resources, they reduce waste and carbon footprint while maintaining stable performance for packaging production.

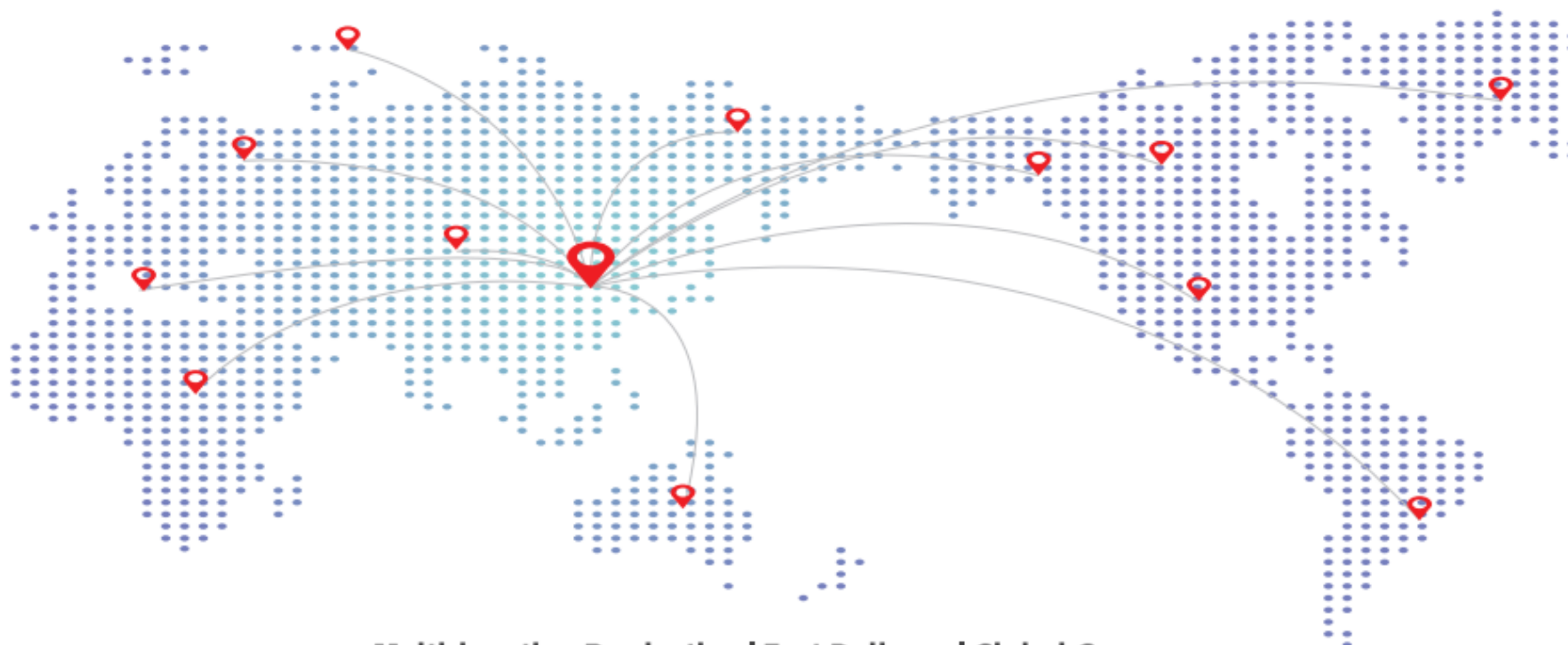
High-purity Virgin Raw Materials with consistent quality and stable performance. Non-toxic, odorless, and fully compliant with food safety and international packaging standards. Ideal for manufacturing high-end, high-strength packaging products requiring superior clarity and reliability.



Plant fibers as raw material for paper-plastic solutions; the most policy-encouraged technical route in the market is "paper-based materials with water-based barrier coating". Food containers and paper cups made from this material can be disposed of as regular waste paper after use and recycled into recycled pulp.



Service & Supply Network



Multi-location Production | Fast Delivery | Global Coverage



15,000 m² +
of factory space



20+ years
of production expertise



300+
pieces of production
equipment



200+
dedicated professionals



1000+
tons of daily production
capacity

Our Vision

Being a leading packaging and printing enterprise with independent R&D and full in-house manufacturing, specializing in eco-friendly, biodegradable and low-carbon packaging solutions.

Our Core

Innovation: Independent R&D to advance sustainable packaging technology
Quality: Strict in-house production control for consistent excellence
Sustainability: Eco-friendly materials and low-carbon processes
Partnership: Custom solutions tailored to brand needs

Our Mission

To drive the packaging industry forward through independent R&D and manufacturing, empowering brands with sustainable, high-quality packaging that protects both products and the planet.

Business Philosophy

Eco-Friendly Packaging Integrated Supplier



Natural Eco-Materials, Building a Green Packaging Industry Chain.

Create a green ecological packaging industry chain based on natural and environmentally friendly raw materials



Biodegradable Series of Packaging Products

Biodegradable packaging uses biodegradable materials (also called "green ecological materials")—substances that break down under the action of soil microorganisms and enzymes.

Specifically, these are polymer materials that undergo aerobic degradation when exposed to natural microbes like bacteria, molds, and algae under certain conditions.

Shuotai PBAT biodegradable plastic fully decomposes within 180 days under composting conditions. It breaks down into carbon dioxide, water, and organic fertilizer, with zero toxic gas emissions.

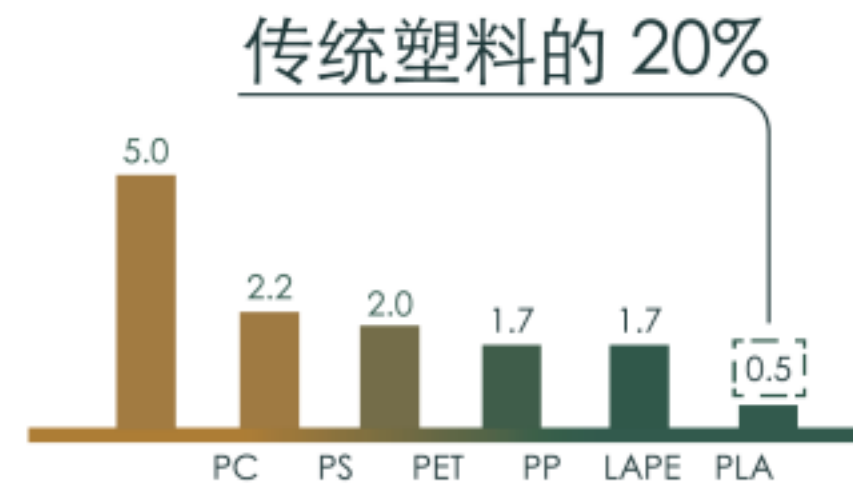
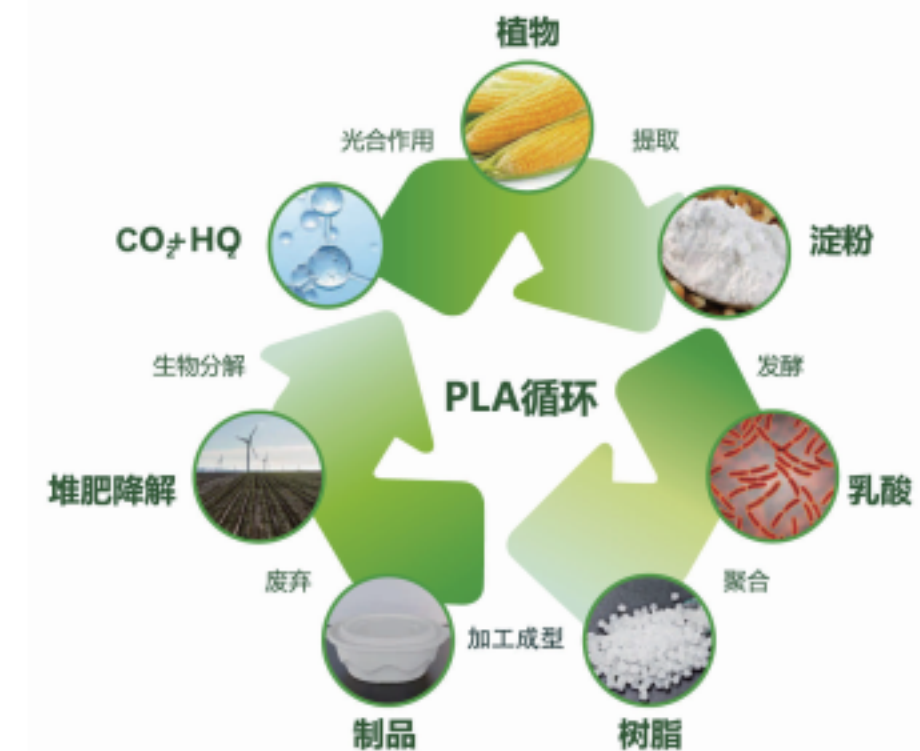
The end products are harmless CO₂ and water, making it a truly fully degradable material—the ideal solution for plastic ban compliance.



Pack with stars , leave no scars

Advantages of Degradable Materials

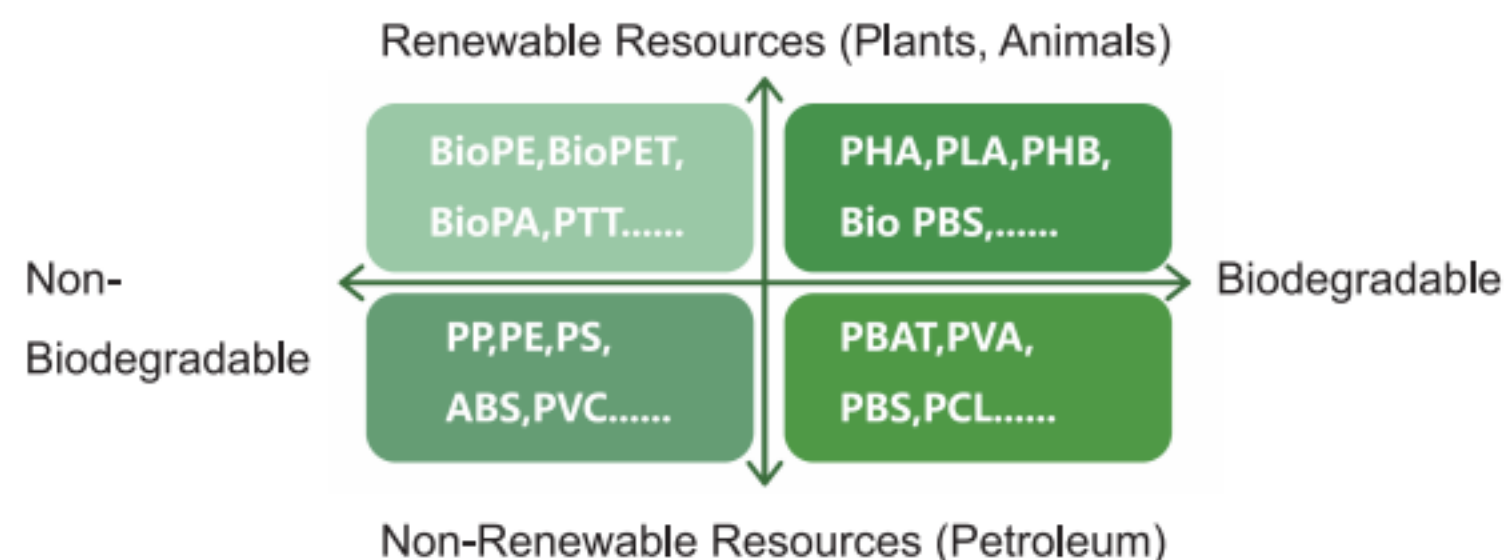
Biodegradable plastics are the forerunners in achieving carbon emission reduction. Biobased plastics boast excellent emission reduction performance, with their CO₂ emissions accounting for only 20% of those of traditional plastics.



Sources of Degradable Materials

By developing various types of 100% fully biodegradable raw materials and integrating standardized, automated, and eco-friendly molding processes, our products not only meet the structural strength and surface performance requirements of traditional plastic packaging, but also comply with the environmental product quality standards set by ISO, Europe and the United States, achieving complete degradation without any residues.

We embed the concept of environmental protection into the entire product manufacturing process. From raw materials, processes, design to production, while delivering packaging value, we actively practice energy conservation and emission reduction through the application of paper-based alternatives to plastics or fully biodegradable materials, helping customers enhance their product image.





Fully Biodegradable Express Bag

- Customizable Sizes— Made to your exact specs
- Certified Quality— Passed TUV & EN13432 (EU compostable standard)
- Premium Performance— Tough, durable, temperature-resistant, waterproof, sealed, non-toxic, odorless, 100% biodegradable
- Wide Use— Perfect for couriers, documents, e-commerce parcels (e.g., Taobao)



Fully Biodegradable Packaging Bag

- Custom Sizes – Made to your specs
- EU-Certified – TUV & EN13432 (100% biodegradable)
- Top Performance – Secure seal, rigid, strong, clear, low-cost, heavy-duty, tough; dustproof/waterproof; safe for direct product contact
- Multi-Use – Supermarkets, homes, bars; nuts, cosmetics, documents & more



Fully Biodegradable Flat Pouch

- Custom Sizes – Made to order
- EU-Certified – TUV & EN13432 (100% biodegradable)
- Key Benefits – Secure seal, rigid/strong/clear, low-cost, heavy-duty; dustproof/waterproof; safe for direct product contact
- Versatile Use – Supermarkets, homes, bars; nuts, cosmetics, documents & more



Fully Biodegradable Handle Pouch

- Custom Sizes – Made to your needs
- EU-Certified – TUV & EN13432 (100% biodegradable)
- Core Perks – Durable, rigid, strong; low-cost, non-toxic, odorless; waterproof, secure seal
- Use Cases – Couriers, documents, e-commerce parcels (e.g., Taobao)

Fully Biodegradable Medical Pouch (Pill/Imaging Pouch)

- EU-Certified – TUV & EN13432 (PBAT biodegradable)
- Key Features – Heat-resistant, tear-proof, non-toxic, odorless; waterproof, secure seal, heavy-duty; sterile eco-friendly printing
- Use Scenarios – Hospitals, clinics, beauty salons, pharmacies



Fully Biodegradable Rolled Vest Bag

- Custom Sizes – Made to your specs
- EU-Certified – TUV & EN13432 (compostable)
- Key Perks – Low-cost, soft/smooth texture, safe (no sharp edges), large capacity, heavy-duty; tear-off design for easy use
- Uses – Medical waste, household trash



Fully Biodegradable Bubble Tea Bag

- Custom Sizes – Made to order
- EU-Certified – TUV & EN13432 (PBAT/PLA biodegradable)
- Key Features – Soft/smooth texture, strong/tough/tear-resistant; leak-proof (heat-sealed), waterproof, glossy; fully decomposes into CO₂ & water
- Uses – Offices, malls, clothing stores, bubble tea shops, restaurants, exhibitions



Fully Biodegradable Shopping Bag

- Fully Customizable – Materials, sizes, designs available
- EU-Certified – TUV & EN13432 (biodegradable, fights plastic pollution)
- Key Perks – High toughness, water/weather-resistant, leak-proof, tear-resistant; clear printing; R&D-backed (Tsinghua PhD team)
- Versatile Uses – Supermarkets, trash, food stores, restaurants, fruit shops, markets, etc.





Fully Biodegradable Self-Adhesive Garment Bag

- Customizable – Made to your specs
- EU-Certified (TUV/EN13432) – Strong adhesion, low-cost, rigid/durable; non-toxic, odorless, 100% biodegradable; waterproof, secure seal
- Uses – Couriers, documents, e-commerce apparel packaging (e.g., Taobao)



Fully Biodegradable Rolled Bag

- Fully Customizable – Materials, sizes, designs available
- EU-Certified (TUV/EN13432) – PBAT-PLA-MDI; meets composting standards; soft/smooth, strong/tear-resistant, heavy-duty; 100% decomposes to CO₂ & water; waterproof, leak-proof, glossy
- Uses – Supermarkets, homes, bars, restaurants



Fully Biodegradable High-Clarity Self-Adhesive Bag

- Customizable – Made to your specs
- EU-Certified (TUV/EN13432) – Made with PBAT/PLA; ultra-clear; durable (puncture/scratch-resistant, no creases); fade-proof, anti-static
- Uses – Apparel, electronics, food & other high-gloss product packaging



Fully Biodegradable Cushioning Bubble Bag

- Customizable – Made to your specs
- EU-Certified (TUV/EN13432) – Plump bubbles, ultra-quiet; secure seal (fits various items); shock-absorbent, anti-scratch, strong adhesion, water/moisture-proof
- Uses – Electronics, cosmetics, mechanical parts; e-commerce shipping padding, bag/footwear filling

Fully Biodegradable Zipper Bag

- Fully Customizable – Materials, sizes, designs available
- EU-Certified (TUV/EN13432) – Semi-transparent, flexible, tear/aging-resistant, flame-retardant; tight seal, high precision (better dustproof effect)
- Uses – Phones, electronics, crafts, toys, stationery, etc.



Fully Biodegradable Bone Sealing Bag

- Customizable – Made to your specs
- EU-Certified (TUV/EN13432) – 100% biodegradable; secure seal, high clarity/strength; low-cost, heavy-duty; dustproof/water-proof; safe for direct product contact
- Uses – Supermarkets, homes, bars; nuts, ornaments, cosmetics, travel items, documents, etc.



Fully Biodegradable Food Bag

- Customizable – Made to your specs
- EU-Certified (TUV/EN13432) – Food-safe (direct contact); strong, tough; 100% biodegradable; odorless when burned
- Use – Food packaging

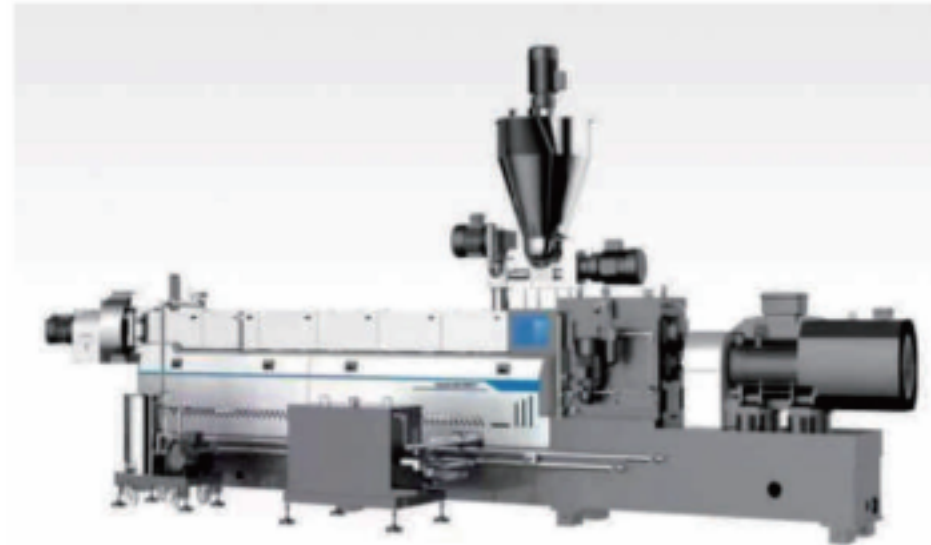


Fully Biodegradable Agricultural Mulch Film

- Durable & Strong – Excellent tensile strength, long lifespan
- Silver-Black Functions – Insulates, retains moisture, suppresses weeds, repels pests, regulates temperature
- Smart Design – Bright silver/black surfaces; silver side up reflects light (prevents root burn) & repels light-sensitive aphids
- Uses – Leafy veggies, melons, fruit trees, medicinal herbs, etc.



Production Equipment



STARPACK



Plastic Packaging Product Series



Thickened Express Bag

- Thickened Express Bag
- Safe Material – 100% new, non-toxic (no harmful components)
- Premium Thickness – 8-micron (exceeds national standards)
- Nice Finish – White, smooth exterior (great look & feel); black interior (high privacy)
- Durable – Thickened (no extra cost), strong tensile strength
- Secure Seal – Advanced heat-sealed edges (burst-resistant)



Alloy-Reinforced Express Bag

- 1.5x Stronger – Same thickness as standard bags, far higher tensile strength
- Puncture-Resistant – Durable enough for sharp items; tight seal, dust-repellent
- Eco-Friendly – Made with premium recyclable materials (100% reusable)
- Long-Lasting – Low-temp resistant, anti-aging
- Lightweight for Shipping – Contains metal additives; ideal for air freight & cross-border e-commerce



International Premium Express Bag

- 100% New Material – Thick texture, waterproof & moisture-proof
- Matte Finish – ≥75% whiteness (inner/outer layers)
- Premium Aluminum-Plated Film – Anti-static, strong adhesion
- Durable Design – Burst-resistant edges, tough, heavy-duty



Full Biodegradable Express Bag

- Eco-Materials – Made with 100% biodegradable blends (PLA+PBAT, PLA+PBAT+starch)
- Complete Composting – Breaks down into water/CO₂ in 180 days (when buried); doubles as plant nutrients
- Durable Build – Strong vertical/horizontal stretch; excellent tensile strength & load capacity
- Premium Feel – Bio-based, thick texture, long-lasting; meets national biodegradation standards



Recycled-Material Express Bag

- Budget-Friendly – Economical pricing
- Durable – Puncture & scratch resistant; high load capacity
- Secure Design – Burst-resistant edges
- Strong Seal – High-adhesion closure



Reusable Express Bag



Roll-Fed Express Bag



Can afford Second-Use Express Bag



Bone-Strip Sealing Express Bag



Burst-Resistant Edge Express Bag



Gusseted Express Bag



Easy-Tear Express Bag



Low-Temperature Resistant Express Bag



Full-Coverage Printed Express Bag



Re-sealable Hot Melt Adhesive Express Bag



Heavy-Duty Express Bag



Kraft Paper Express Bag



Express Bag with Barcode Strip



Anti-Counterfeiting Express Bag



Tamper-Evident Tear-Off Express Bag



Multi Functional Express Bag



Logistics-Specific Security Express Bag



Airport Duty-Free Bag

Clothing Bag



Vest Bag / T-Shirt Bag

- Vest Bag / T-Shirt Bag
- Made of new PE material – Safe & eco-friendly
- 8-color high-precision offset/copperplate printing – boosts brand image



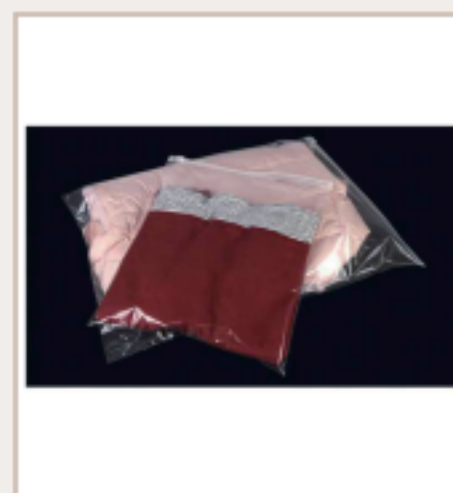
Plastic Tote Bag

- Made of new PE material
- High-precision offset printing
- Stylish & practical



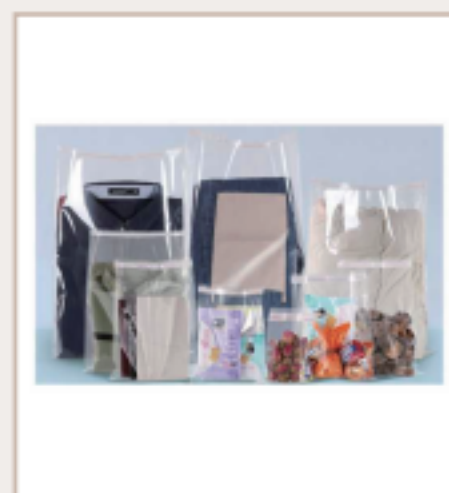
Corn Starch Bag

- Made with bio-based corn material – fully biodegradable when buried
- Soft texture & nice hand feel
- Special blown film technology – thin bag with high toughness & tensile strength



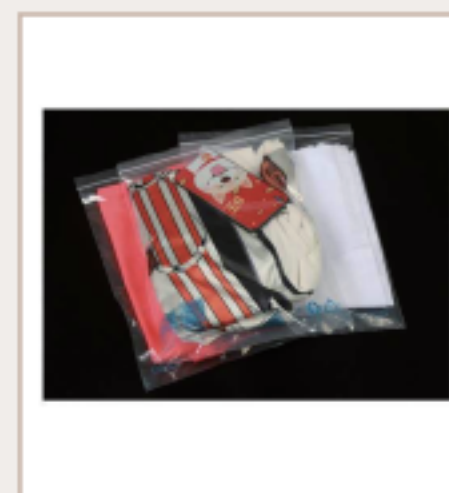
Zipper Bag

- Sealed zipper design – Tight seal, easy to use, reusable
- Built-in air vents – Saves storage space
- Water/dust-proof; high-pressure sealed edges



OPP Self-Adhesive Bag (Apparel Inner Packaging)

- For apparel inner packaging – Water & dust-proof
- Self-adhesive strip closure – Easy to use



Bone Sealing Bag

- Premium material – Safe & non-toxic
- Customizable (made to your specs)
- Water-resistant & tear-proof

Bubble Mailer



Kraft Paper Bubble Mailer

- Shock-resistant & pressure-proof; customizable printing
- Water/moisture-proof; easy to open
- Plump, air-tight bubbles
- Lightweight & eco-friendly
- Ideal for electronics, books, valuables, company samples





Full Biodegradable Bubble Mailer

- Eco-friendly biodegradable option
- Main ingredients: PBAT + starch



Pearlescent Film Bubble Mailer

- Outer pearlescent film + inner bubble layer
- Stylish, textured; excellent water resistance



Outer-Layer-Free Bubble Bag



Pouch-Attached Bubble Envelope



Easy-Tear Strip Sealed Bubble Envelope



Synthetic Paper Bubble Mailer



Premium Portrait-Printed Bubble Mailer



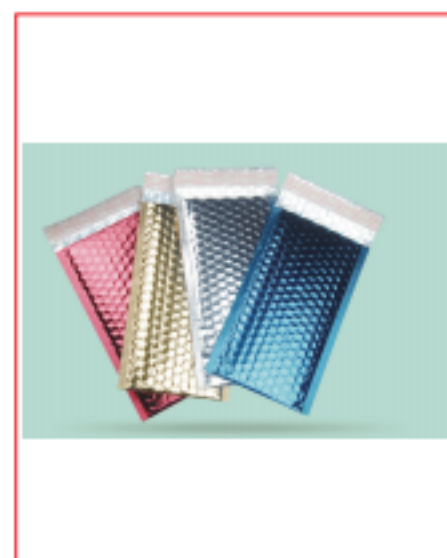
Pre-Printed Bubble Mailer



Co-Extruded Film Bubble Mailer



Kraft Paper Bubble Mailer



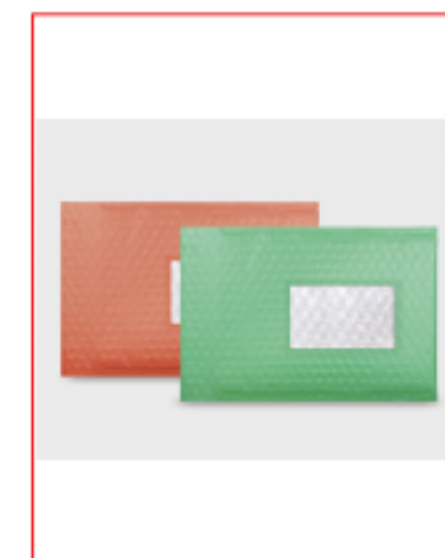
Aluminum-Plated Film Bubble Mailer



Kraft Paper Composite Bag



Pearlescent Film Bubble Mailer



Windowed Bubble Mailer

Adhesive Bag



Transparent Adhesive Bag



Bone-Strip Adhesive Bag



Barcode Adhesive Bag



Reusable Barcode Adhesive Bag



Easy-Peel Adhesive Bag



Blue Film Printed Adhesive Bag



Tongue-Seal Double-Sided Adhesive Bag



Three-Layer Gold Film Adhesive Bag



Supermarket Adhesive Bag

Heavy-duty Bag & Woven Bag



Square-Bottom Dust-Proof Bag



Flexible Intermediate Bulk Container



Paper-Plastic Composite Bag



E-commerce Woven Bag



China Post Woven Bag



Express Woven Bag



Bulk Consolidation Bag



Handheld Woven Bag



Fertilizer Woven Bag



Transparent/Beige
Carton Sealing Tape



Printed Carton
Sealing Tape



Low-Noise Sealing Tape



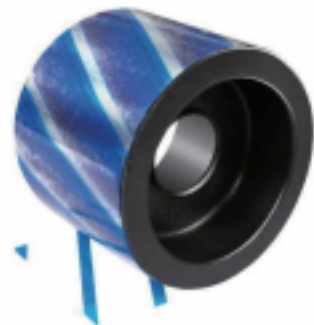
Easy-Tear Sealing Tape



Mesh Cloth-Based Tape



Hot Melt Carton Sealing Tape



Release Film Surface-
Protective Tape



Full-Transfer Anti-C
ounterfeiting Tape



Semi-Transfer Anti-
Counterfeiting Tape



Barcode-Printed Tape



Non-Transfer Anti-
Counterfeiting Tape



Invisible Sealing Tape



Water-Activated Kraft
Paper Sealing Tape



Full Biodegradable
Carton Sealing Tape



Customized Office Tape



Sealing Tape

Stretch Film



Paper Packaging Product Series

We offer one-stop packaging consumables solutions by manufacturing a full range of products based on eco-friendly paper, including paperboards, cartons, color boxes, paper bags, envelopes, labels, and tableware.



Paper Bag



Express Paper Envelope



Corrugated Paper Bag



Square-Bottom Paper Bag



Wax-Coated Paper Bag



Pointed-Bottom Paper Bag



Handheld Kraft Paper Bag



Oil-Resistant Paper Bag



Kraft Paper Bag



Baking Packaging Paper Bag



PLA Biodegradable Paper Bag



Aviation Cleaning Paper Bag



Windowed Bag

Carton



Heavy-Duty Carton



Standard Printed Carton



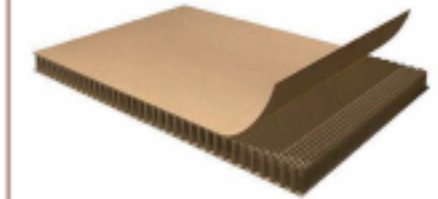
Airplane Box



White Carton



Easy-Tear Carton



Honeycomb Cardboard



Premium Printed Color Carton



Lock-Bottom Carton



Self-Locking Handle Carton



Reusable Carton



One-Piece Box



Paper Corner Protector

Label



Roll-Fed Electronic Shipping Label



Folded Electronic Shipping Label



Triplicate Portable Electronic Shipping Label



Extra-Large Core Composite Electronic Shipping Label



Triplicate Electronic Shipping Label



Coated Paper-Faced Electronic Shipping Label



Writing Paper-Faced Electronic Shipping Label



Thermal Paper-Faced Electronic Shipping Label



Paper-Layered Electronic Shipping Label



Middle-Layer Film-Faced Electronic Shipping Label



Synthetic Thermal Paper
Electronic Shipping Label



Linerless Electronic
Shipping Label



Industrial & Electronic
Flame-Resistant Label



Airport Baggage Label



PET Film Label



Reusable Label



Removable Adhesive
Label for Furniture



Transfer Anti-
Counterfeiting Label



Retail & Supermarket Label



Logistics Warehouse
Barcode Label

Document Envelope



Reusable Document Envelope



Self-Adhesive Strip Document Envelope



Short-Side Opening Document Envelope



Eco-Friendly Water-Based Ink Document Envelope



Standard Printed Document Envelope



Pouch-Attached Document Envelope



Barcode-Equipped Document Envelope



Center-Sealed Document Envelope



3D Document Envelope



Box-Style Document Envelope



White Cardstock Printed
Document Envelope

Multi-Product Combination
Document Envelope

Easy-Tear Strip-Free
Document Envelope



Water-Activated Adhesive Document Envelope



Corrugated Paper Document Envelope
Kraft Cardstock Document Envelope



Windowed Document Envelope



Document Envelope (Various
Grammage Grey-White
Board Paper)



Glossy/Matt Laminated Document Envelope



High-Precision Portrait-Printed Document Envelope



Archive Document Envelope

Ticket



General Election Ballot



Adhesive-Backed Form



Lottery Ticket



Password-Sealed Document



Medical Prescription Form/Bag



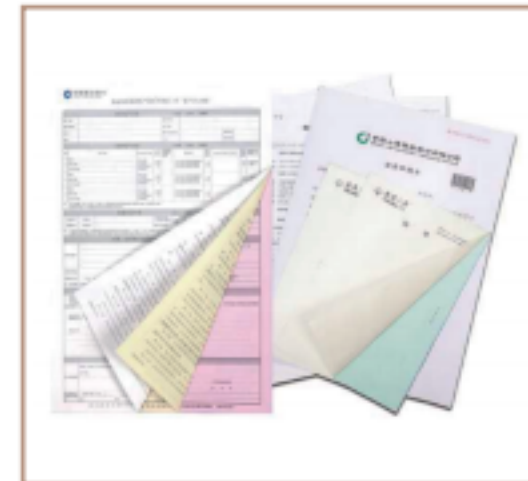
Business Document



Supermarket Document



Telecom Document



Financial Document



Admission Ticket



Airline Voucher



Consolidation Hang Tag



Cash Register Paper



ATM Paper Roll



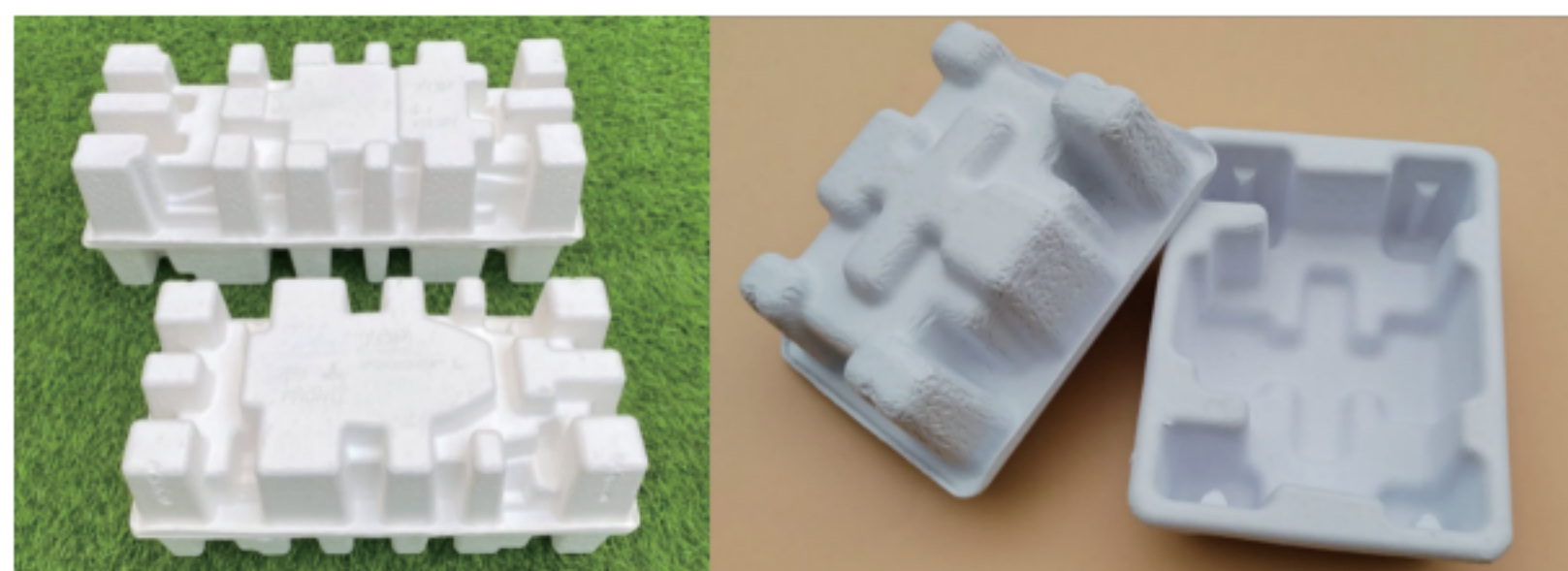
Folder-Bag Waybill

Pulp Molding

Through independently developed new straw fiber extraction technology, we produce eco-friendly straw-based products: food containers, cups, straws, fresh-cut vegetable trays, etc.

With mold replacement, it can manufacture degradable straw products like industrial packaging shockproof liners, supermarket eco-pallets, tofu boxes, ice cream cups, fruit/vegetable packaging, egg trays, seedling trays.

Relevant technologies are mature and industrialized.



应用范围 Application Scope

建筑运输 Construction and transportation

隔音墙板 防水波纹板 地热板模压 托盘
(港口 码头 铁路 物流)
Sound proof wallboard waterproof corrugated board geothermal plate die pressing tray (port wharf railway logistics)

食品包装 Food packaging

餐饮具
(Catering utensils)
商超果蔬包装
Supermarket fruit and vegetable packaging

工业包装 Industrial packaging

精密仪器包装
(Precision instrument packaging)
电子产品
(electronic product)

医疗用品 Medical supplies

安瓶包装 疫苗包装盒 肾形盘 一次性尿壶 洗手盆
(Bottle packaging vaccine box kidney shaped plate disposable urinal basin)

生活用品 articles for daily use

皂盒 拖鞋 环保衣架
(Soap box slippers environmental protection clothes rack)
儿童智力教育玩具
(Children's intellectual educational toys)

军品包装 Military packaging

新型抗静电弹药武器包装材料
(New antistatic ammunition weapon packaging materials)
新型航天器材包装材料
(New aerospace equipment packaging materials)

Cooperative Brand



We'll do it together!

Sustainable Material Solutions Backing Global Carbon Neutrality Efforts



Integrated Environmental Packaging Solutions Provider
Plastic | Degradable | Paper Product | Paper-Plastic