

Biodegradable Compostable Bags • OEM / Private Label



Since
2009

Biodegradable Compostable Bags Manufacturer

OEM and private label compostable bag solutions for distributors, importers, retailers, and brands in the UK, Europe, Australia, North America, and other global markets.

ORIZON Biomaterials

EN 13432 / OK Compost / BPI / ASTM D6400 / AS 4736 / AS 5810

Shandong Orizon Biomaterials Co., Ltd.



<https://orizonbags.com/>

Catalogue Overview



<https://orizonbags.com/>

This catalogue is designed for procurement teams, distributors, and brand owners seeking certified compostable bag solutions for retail, commercial, municipal, and industrial applications.

- Contents
- Company Overview
- Certifications & Compliance
- Compostable Trash Bags / Bin Liners
- Compostable Shopping Bags
- Compostable Produce Bags
- Compostable Diaper Disposal Bags
- Compostable Dog Waste Bags
- Compostable Cat Litter Bags
- Compostable Courier Bags
- Compostable Garment Bags
- OEM & Private Label Services
- Quality & Traceability
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Main Product Categories

Our main compostable bag product line includes compostable trash bags, shopping bags, dog waste bags, diaper disposal bags, produce preservation bags, courier mailers, garment bags, and cat litter bags.

OEM Manufacturing

Private Label

Retail Packaging

Bulk Supply

Global Compliance

About ORIZON Biomaterials



<https://orizonbags.com/>

Shandong ORIZON Biomaterials Co., Ltd. is a certified compostable bags manufacturer in China with 16 years of experience. The company operates a 20,000m² factory with 16 production lines and a monthly output of 500 tons.

Its products meet international compostability standards including EN 13432, OK Compost HOME, AS4736, AS5810, and BPI ASTM D6400. The company focuses on OEM manufacturing and wholesale supply for global B2B clients.



Our Value



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We are committed to providing reliable compostable packaging solutions for global B2B buyers through certified materials, stable manufacturing, and continuous product innovation.

Our compostable products are made from plant-based materials designed to support organic waste management and reduce reliance on conventional plastics.

We continuously improve material structures, packaging formats, and product designs to meet evolving sustainability requirements.

01.

Commitment to Quality

We maintain strict quality control throughout production to ensure consistent film thickness, sealing strength, and reliable product performance.

Sustainable Material Solutions

02.

03.

Global Supply Experience

With exports to more than 80 countries, we support distributors, retailers, and brands with stable long-term supply partnerships.

Innovation & Product Development
04.

Global Compostability Standard

Certified materials and documentation support for regulated waste systems in the UK & EU.

EN 13432 EU compostability certification



European Union (EU) countries

The EU's certification standards for compostable packaging materials are among the most widely recognized compostable certifications in the European market.

Products must meet the following requirements:

- ✓ Biodegradability
- ✓ Decomposability in a composting environment
- ✓ Heavy metal content limits
- ✓ No negative impact on compost quality



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Global Compostability Standard

Certified materials and documentation support for regulated waste systems in the UK & EU.



European and Global Markets

OK Compost Industrial

Awarded by TÜV Austria, this is a globally recognized industrial composting certification.

- Typically requires: a temperature of approximately 58°C,
- controlled humidity, and active microbial conditions.
- Suitable for professional industrial composting systems.



Europe, Australia, New Zealand, North America and other regions

OK Compost Home

Currently, it is one of the most stringent home compost certifications internationally. Certified products can decompose naturally in a home backyard composting environment without the need for industrial composting facilities.



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Global Compostability Standard

Certified materials and documentation support for regulated waste systems in the UK & EU.



USA , Canada

BPI / ASTM D6400

BPI is one of the most influential compostability certification bodies in North America.

- ✓ Completely degrades under industrial composting conditions
- ✓ No harmful residues produced
- ✓ No impact on compost quality
- ✓ Meets North American composting facility acceptance requirements



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Global Compostability Standard

Certified materials and documentation support for regulated waste systems in the UK & EU.

AU



AS 4736

Australian industrial composting standards.

- ✓ Biodegradation requirements
- ✓ Compost decomposition requirements
- ✓ Compost quality requirements
- ✓ Environmental safety requirements



Home Compostable
AS 5810
ABAP 20055

Australia and New Zealand

AS 5810

Australian Home Compost Certification. Certified products decompose naturally under home composting conditions, requiring no industrial composting facilities.

This standard is considered one of the most important certifications in the global home composting industry.



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Global Compostability Standard

Certified materials and documentation support for regulated waste systems in the UK & EU.

Documentation Support

- Third-party certification copies
- Test reports and declaration support
- Export documentation preparation
- Printing claim review for packaging

Why It Matters

- Helps distributors reduce compliance risk
- Supports entry into regulated waste markets
- Improves procurement confidence
- Strengthens retailer and municipal acceptance



Compostable Trash Bags / Bin Liners

Designed for food waste collection and regulated composting systems. OEM-ready with stable thickness control.

Key Benefits :

- Certified compostable material options (EN 13432 / OK Compost)
- Consistent film thickness & sealing performance
- Roll format / boxed format for distribution
- Private label printing & packaging available



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Compostable Trash Bags / Bin Liners

Typical Specifications :

Size	8L / 10L / 20L / 30L / 50L / 120L / 240L (custom)
Thickness	15–35 microns or customized
Material	PLA + PBAT + plant-based compostable blends
Printing	Plain or custom logo printing, 1–8 colors
Packaging	Rolls, flat packs, retail boxes, outer cartons
Applications	Kitchen waste, food waste, general organics collection
MOQ	500kg

*MOQ varies by size and packaging format.



Compostable Trash Bags / Bin Liners Type



Flat Mouth and Flat Bottom



Flat-top Star Cover



T shirt with Flat Bottom



Vest with Star Cover

Compostable Trash Bags / Bin Liners Type



S-shaped Back Cover



Drawstring Bag Flat Bottom



C Foldable Bag

Compostable Shopping Bags

Ideal for supermarkets, grocery stores, takeaway shops, retail stores, and promotional branded packaging.

- T-shirt style, vest style, die-cut, and flat bag options
- Custom sizes, colors, thicknesses, and logo printing
- Can be produced for supermarket checkout and retail carry-out use

Size	Customized by load requirement (custom)
Thickness	15–40 um or customized
Material	PLA + PBAT + plant-based compostable blends
Formats	Loose pack or bundled pack
Use	Retail and grocery channels
MOQ	500kg

*MOQ varies by size and packaging format.



Produce Bags

Compostable Produce Bags

Suitable for fruit and vegetable packaging, fresh food retail, supermarket produce departments, and household food storage programs.

Key Benefits :

- Lightweight, flexible, and suitable for produce packaging or preservation use
- Can be made in loose roll, flat pack, and perforated retail formats
- Supports branded produce packaging and custom print requirements



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Produce Bags

Compostable Produce Bags



<https://orizonbags.com/>

Suitable for fruit and vegetable packaging, fresh food retail, supermarket produce departments, and household food storage programs.

Thickness	11–20 um
Material	PLA + PBAT + plant-based compostable blends
Formats	Rolls, flat bags, perforated bags
Use	Fruits, vegetables, grocery produce use
Customization	Print, size, roll core, packaging
MOQ	500kg

*MOQ varies by size and packaging format.





PLA PBAT Corn Starch



Compostable Produce Bags Style



Flat-mouth accordion pleats



Flat mouth and flat bottom



T-shirt with flat bottom



Continuous Star Back Cover



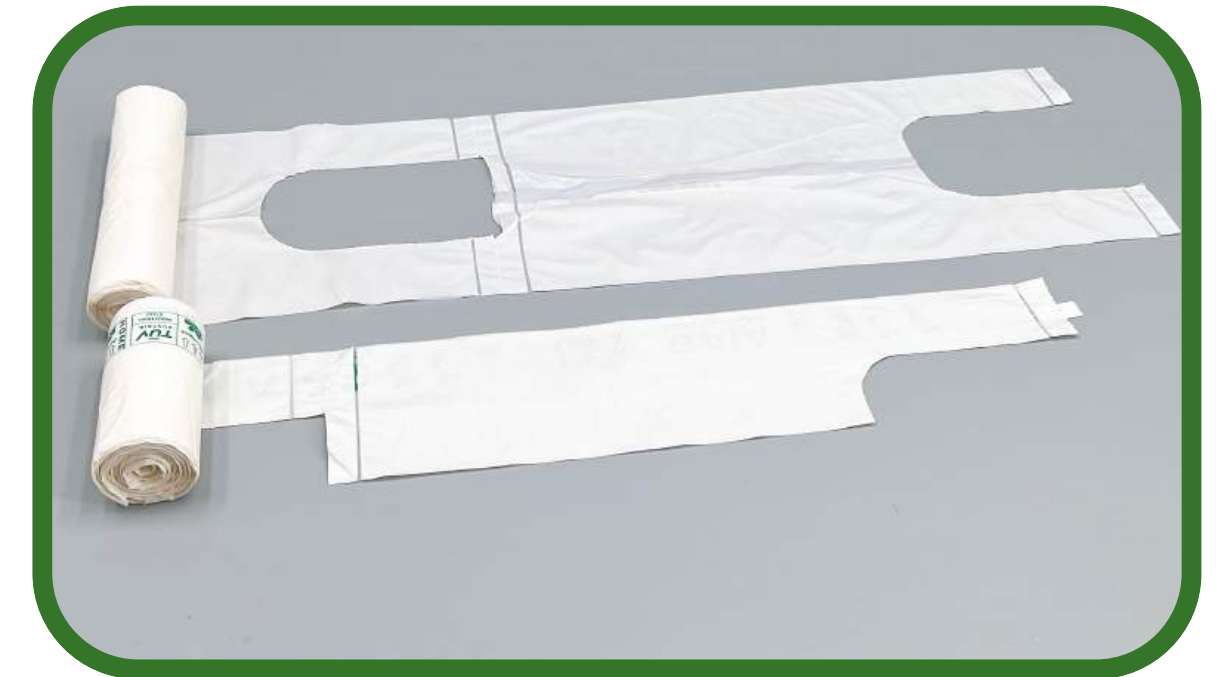


Compostable Diaper Disposal Bags

Developed for baby care brands, hygiene product distributors, healthcare channels, and household disposal applications.

Key Benefits :

- Suitable for used diaper and hygiene waste containment
- Can be produced with tie handles, easy-tear perforation, and compact retail pack formats
- Supports custom fragrance, color, print, and outer packaging options



Compostable Diaper Disposal Bags

Thickness	15–25 um
Size	(160+75*2)*340mm
Features	Tie-up, easy tear, optional scented line
Formats	Single bags, rolls, dispenser packs
Use	Baby care, hygiene disposal, healthcare
MOQ	500kg



Dog Waste Bags

Compostable Dog Poop Bags

Designed for pet brands, dog parks, municipalities, subscription boxes, and private label pet care businesses.

Key Benefits :

- Strong enough for daily pet waste pickup and retail roll packaging
- Available in standard roll format and header format for dog waste stations
- Suitable for branded retail box packaging and OEM projects



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Compostable Dog Poop Bags

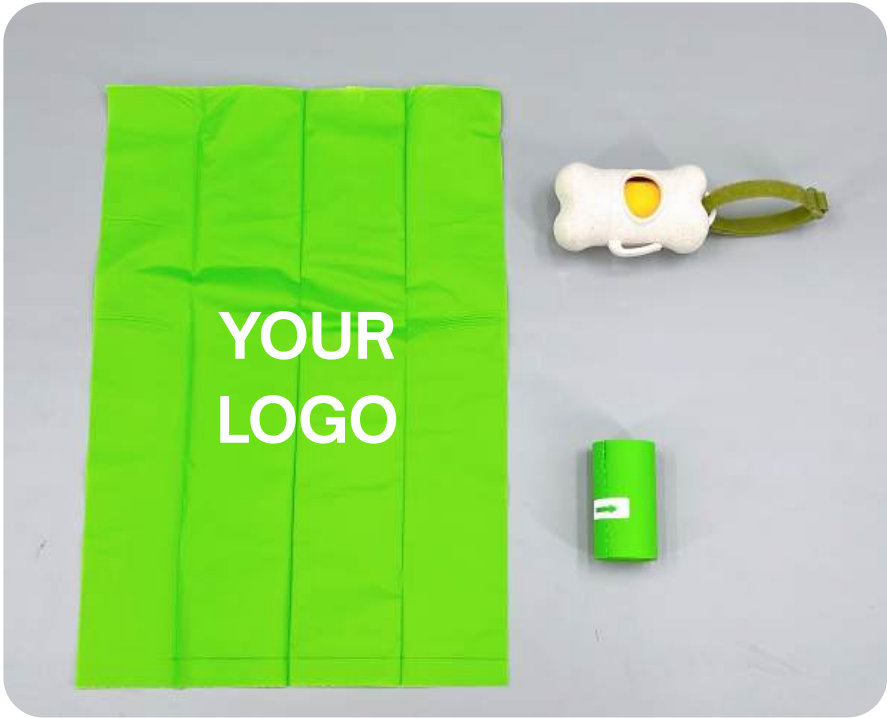
Typical Specifications :

Size	9" x 13" (23 × 33 cm) or 9" x 14" (24 × 36 cm) (custom)
Thickness	15 um / 18 um / 20 um
Material	PLA + PBAT + plant-based compostable blends
Printing	Plain or custom logo printing, 1–8 colors
Packaging	Rolls, retail boxes, station refill bags
Applications	Pet retail, e-commerce, municipal use
MOQ	5000 rolls

*MOQ varies by size and packaging format.



Compostable Dog Poop Bags Style



Flat-mouth dog bag



T-shirt flat bottom dog bag



T-shirt Star seal bottom dog bag



Flat-top star-shaped dog bag



Calendar-style dog bag





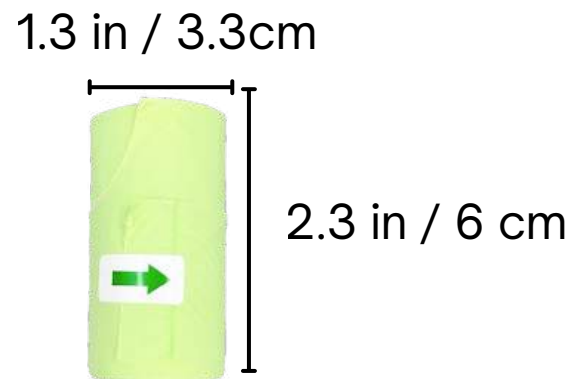
Compostable Dog Poop Bags Size



15 Bags / Roll



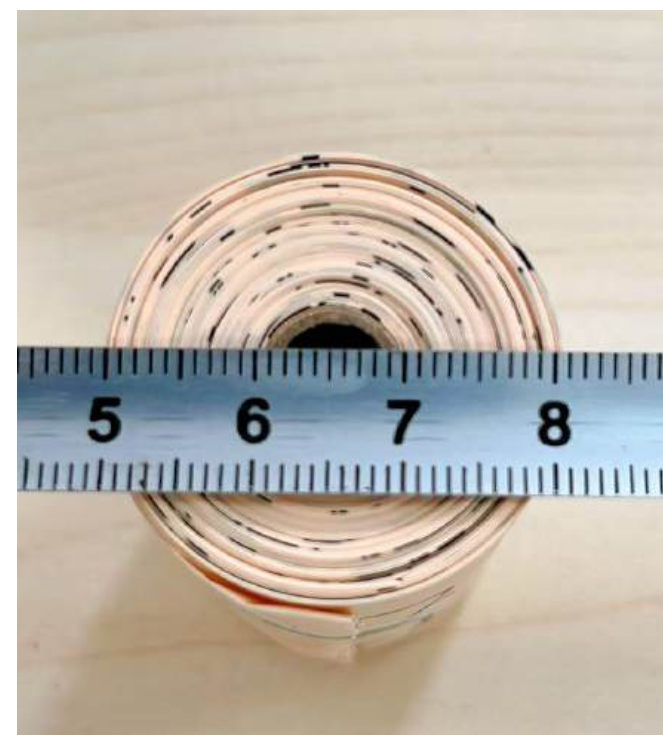
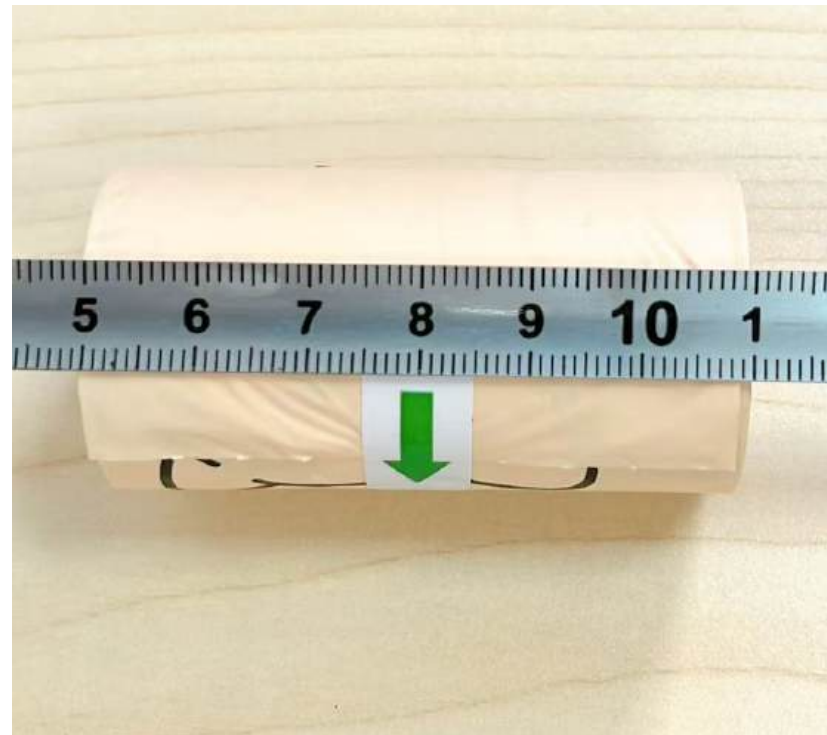
15 Bags / Roll



- The bag shown in the picture is an 18μm bag;
- the roll diameter varies slightly depending on the bag thickness.



Dog Poop Bags (Size after rolling)



230*330mm 15um , 15 Bags / Roll
Height 6cm, roll diameter 3cm

230*330mm 18um , 15 Bags / Roll
Height 6cm, roll diameter 3.3cm



T-Shirt Handle Dog Waste Bags

Dog waste bags with integrated carrying handles for easy tying and disposal.

Typical Customers

- Pet stores
- Residential use
- Travel and outdoor use

Typical Specifications:

- Bag Size: 9" * 13" (23 × 33 cm) or 9" *14" (24 × 36 cm) custom
- Thickness: 15um / 18um /20um
- Quantity: Standard: 15 bags/roll, customizable
- Bottom type: flat bottom or star-shaped



flat bottom



star-shaped



Standard Retail Roll

The most common dog waste bag format sold through pet stores, supermarkets, Amazon, and retail brands.



Features:

- Paper core inside roll
- Easy dispensing
- Compatible with most portable dog bag dispensers
- Suitable for private label packaging

Typical Specifications:

- Bag Size: 9" * 13" (23 × 33 cm) or 9" *14" (24 × 36 cm) custom
- Thickness: 15um / 18um /20um
- Quantity: 15-20 bags per roll
- Core: Paper core



Typical Customers

- Amazon
- Pet Store
- Supermarket
- Pet Brand





Coreless Retail Roll

Similar to standard retail rolls but without a paper core. The bags themselves form the center of the roll.

Features:

- No paper core
- Lower packaging waste
- Reduced material cost
- Suitable for eco-conscious brands

Typical Customers

- Sustainable pet brands
- Eco-friendly product distributors

Typical Specifications:

- Bag Size: 9" * 13" (23 × 33 cm) or 9" *14" (24 × 36 cm)
- Thickness: 15um /18um / 20um
- Quantity:15-20 bags per roll





Dog Waste Station Refill Roll

Designed for dog waste stations installed in parks, HOA communities, apartment complexes, and municipal public areas.

Features:

- High-capacity refill format
- Reduced replacement frequency
- Compatible with dog waste station dispensers

Common Applications:

- Pet waste collection station
- Public park
- Homeowners' association community
- Apartment building

Typical Specifications:

- Bag Size: 9" * 13" (23 × 33 cm) or 9" *14" (24 × 36 cm)
- Thickness: 15 um / 18 um / 20 um
- Quantity: 200-800 pieces/roll
- Packaging: Large roll refill pack





Interleaved Tissue-Style Pack

Bags are folded and dispensed one at a time, similar to tissues or wipes.

Features:

- Easy single-bag dispensing
- No roll required
- Suitable for some dog waste stations and specialty dispensers

Common Applications

- Parks
- HOA Communities
- Hiking Routes
- Campsites

Typical Customers

- Bag Size: 9" * 13" (23 × 33 cm) or 9" *14" (24 × 36 cm)
- Thickness: 15 um / 18 um /20 um
- Quantity:100-400 bags per pack



Compostable Dog Poop Bags Packing

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Card header packaging



Bulk packaging



Color box packaging



Kraft paper box



Dog poop bag dispenser



3 ATTACHMENT OPTIONS

Multiple accessories to meet different needs, easy to carry and use anywhere.

1. PLASTIC CLIP

Lightweight and durable,
color-matched for a stylish look.



Attach to Bag



Attach to Belt



Attach to Leash

2. METAL CARABINER

Sturdy and strong,
high load-bearing and deformation-resistant.



Attach to Bag



Attach to Belt



Attach to Leash

3. VELCRO STRAP

Easy to install,
reusable and flexible.



Attach to Bag



Attach to Belt



Attach to Handle



Lightweight
Easy to carry



Durable
Long-lasting use



Reusable
Eco-friendly choice



Convenient
Quick access

Compostable Cat Litter Bags

Specially developed for cat litter disposal, pet hygiene use, and private label pet care product lines.

Key Features

- Suitable for daily cat litter disposal in households, pet product retail, and pet care subscription brands
- Can be produced in strong film structures for better carrying performance
- Supports tie-handle, drawstring, flat bag, and boxed retail formats
- Custom branding available for pet hygiene and eco-pet product lines

Cat Litter Bags



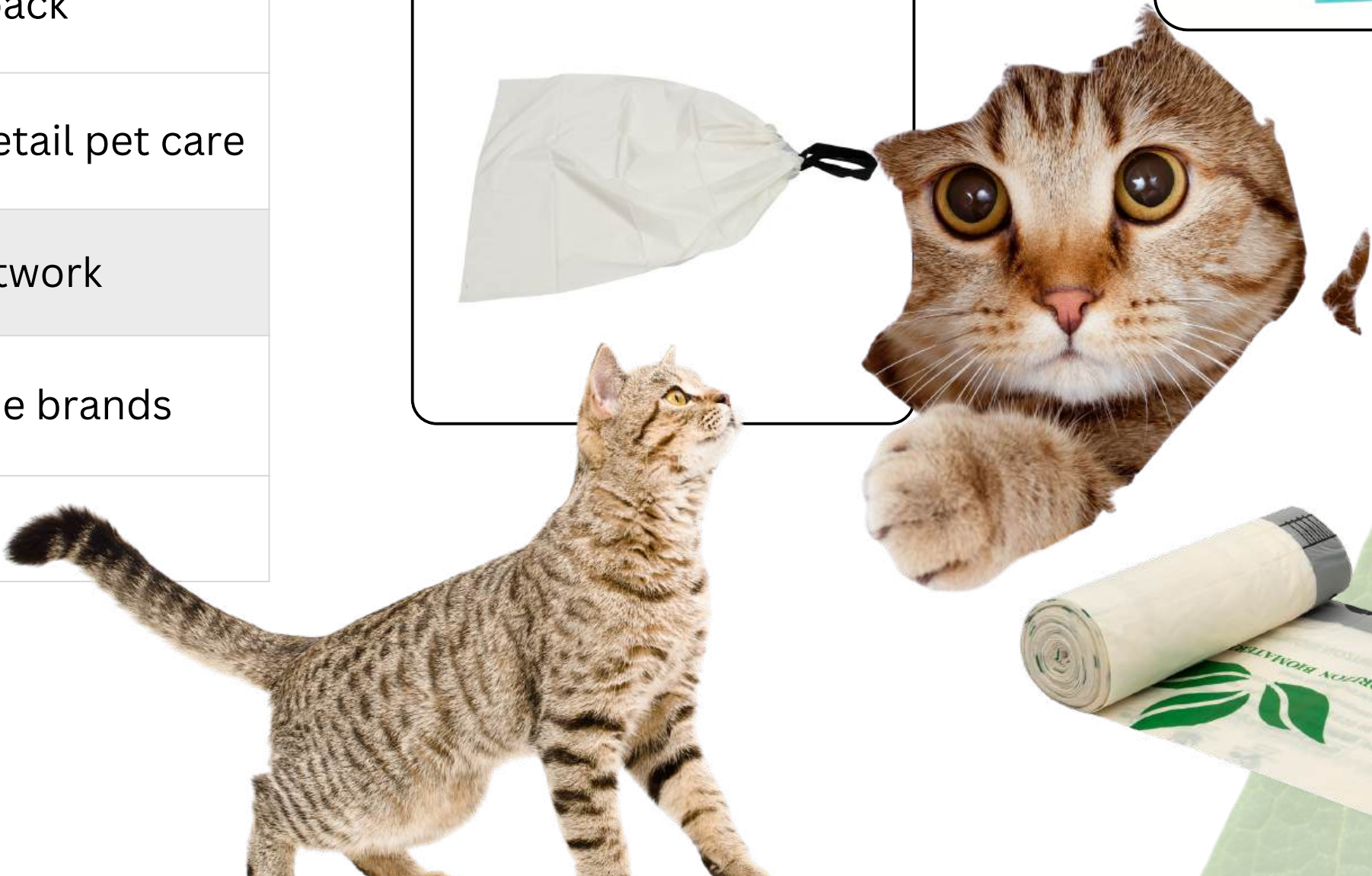
<https://orizonbags.com/>

Compostable Cat Litter Bags

Typical Specifications

Thickness	18–35 um
Format	Flat, tie handle, drawstring, roll pack
Packaging	Retail box, roll, carton pack
Applications	Pet hygiene, cat litter disposal, retail pet care
Customization	Print, scent, color, box artwork
Target Channel	Pet stores, distributors, online brands
MOQ	5000 rolls

Cat Litter Bags



<https://orizonbags.com/>

Compostable Courier Bags

Courier Bags

Designed for e-commerce packaging, shipping mailers, retail fulfillment, and custom branded delivery bags.

Key Features

- Self-adhesive flap design available for convenient packaging operations
- Supports custom print for logos, warnings, QR codes, and shipping messages
- Suitable for apparel, soft goods, documents, and e-commerce fulfillment

Type	Mailers with adhesive flap
Thickness	30–70 um
Printing	Custom brand graphics and text
Use	E-commerce and courier packaging
MOQ	500kg



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Compostable Courier Bags

Courier Bags

Single or double adhesive strip



Single-strip courier bag



Double-strip courier bag



Bottom-stitched express bag



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Compostable Garment Bags



Garment Bags

Suitable for clothing brands, fashion packaging suppliers, dry-cleaning channels, and apparel export packaging.

- Can be customized in flat garment bag or hanger garment bag formats
- Supports ventilation holes, warning print, size labels, and transparent or frosted effects
- Designed for apparel protection and sustainable brand positioning



Format	Flat, side gusset, hanger bags
Thickness	20–50 um
Options	Vent holes, flap, warning print
Use	Fashion and clothing packaging
MOQ	500kg



Compostable Garment Bags Style

Garment Bags

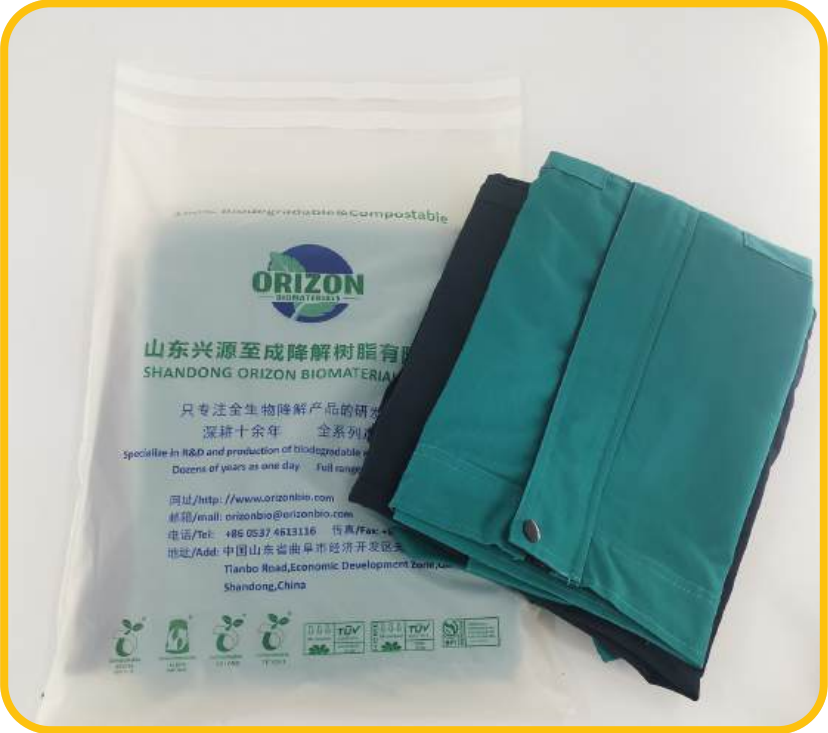


Single-strip transparent garment bag

Flat-top garment bag without adhesive strip



Bottom gusseted garment pocket



Double-strip garment bag



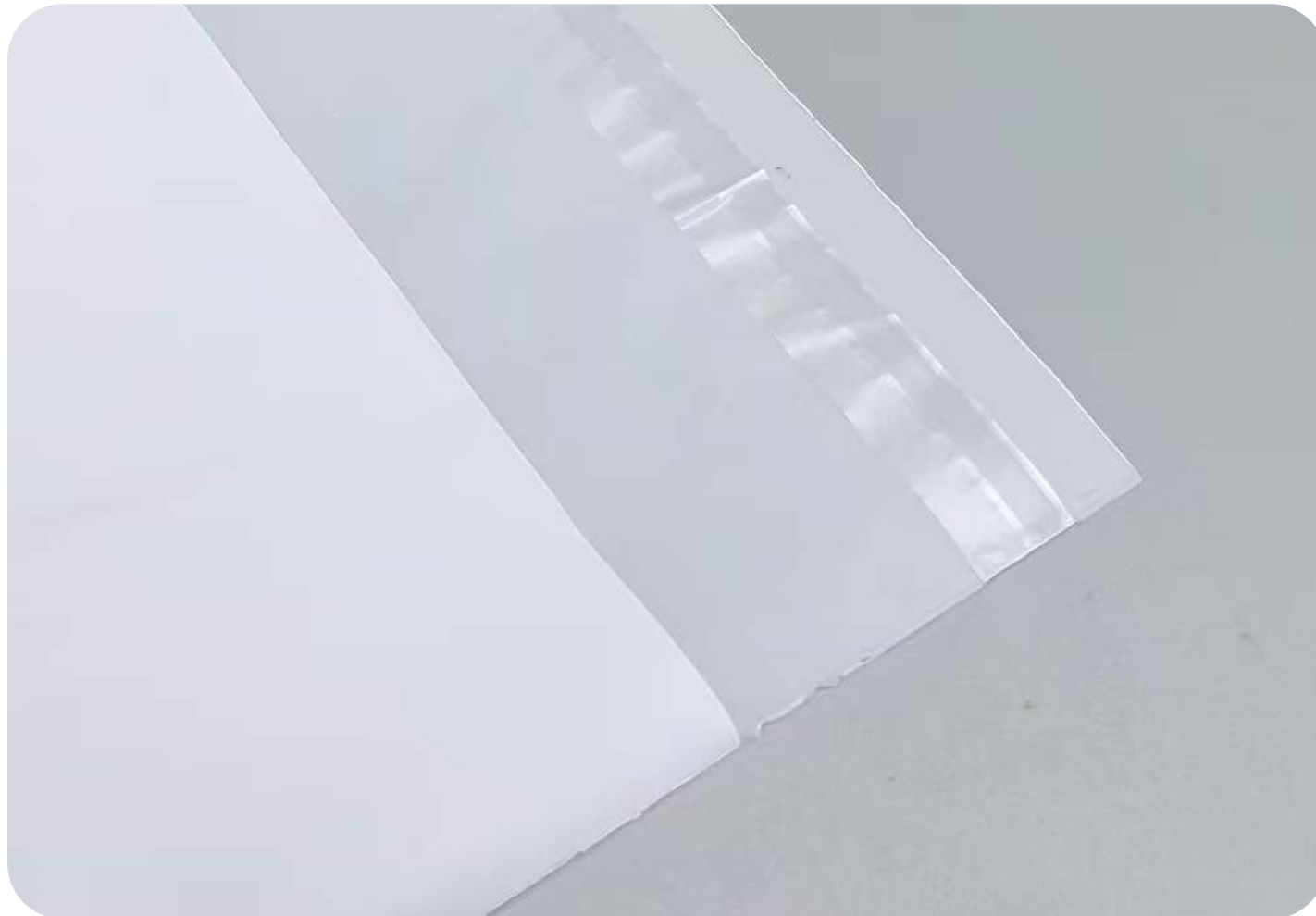
Four-finger handle for clothing bag

Compostable Garment Bags

Garment Bags



Single or double adhesive strip



**Transparent adhesive
strip, removable, reusable**



Single or double adhesive strip



<https://orizonbags.com/>

Compostable apron

Compostable aprons are disposable protective aprons made from compostable film materials designed for short-term protection in hygiene-sensitive or mess-prone working environments. They are used where convenience, cleanliness, and lower plastic dependence are important purchasing factors.

- Lightweight disposable protection for front-body coverage
- Neck loop and waist tie format for fast wearing and removal
- Can be customized in thickness, length, width, and packaging style
- Suitable for distributor, janitorial, food service, and institutional channels

Typical Applications

- Food preparation and kitchen work
- Seafood counters, butcher counters, deli counters
- Fresh produce handling and packing stations
- Cleaning, housekeeping, and sanitation services
- Industrial light-duty protection
- Hospitality and institutional catering



Compostable Disposable Aprons

General-purpose compostable aprons developed for high-volume commercial usage where lightweight body protection and easy replacement are required.

Material	Compostable film blends
Thickness	12–35 um or customized
Size	Standard adult sizes / custom sizes
Colors	Natural, green, white, custom tint
Packaging	Flat pack, dispenser box, retail box
Use	General hygiene and protection



OEM & Private Label Manufacturing Services

OEM & Private Label

We support distributors, importers, retailers, Amazon sellers, and private label brands with complete compostable bag product development and bulk supply services.

Customization Options

- Custom sizes and thicknesses
- Bag color customization
- Logo printing and custom artwork
- Retail boxes, kraft boxes, dispenser boxes
- Barcode, warning text, and QR code printing
- Roll count and packaging format customization

Suitable Buyer Types

- Packaging distributors
- Supermarket and retail suppliers
- Pet product brands
- E-commerce packaging companies
- Municipal program suppliers
- Household and hygiene brands



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Packaging Formats We Support

Retail Box

Kraft Box

Dispenser Box

Header Card

Loose Pack

Roll Pack

Master Carton

Palletized Shipment

MOQ Guidance

MOQ usually depends on bag type, film structure, printing requirement, and packaging format. For most OEM private label projects, MOQ generally starts from 5,000–10,000 units.

Sample & Development

We support sample evaluation, artwork confirmation, packaging review, and pilot order discussion before mass production.



<https://orizonbags.com/>

Quality Control, Traceability

Stable quality and documentation support are critical for global B2B buyers. Our production process is designed to improve consistency, traceability, and delivery reliability.



Quality Control Points

- Raw material verification
- Film thickness monitoring
- Bag dimension inspection
- Sealing strength and load testing
- Printing quality checks
- Batch documentation and traceability



Why Buyers Choose ORIZON

- 16+ years manufacturing experience
- Wide compostable bag product range
- OEM and private label flexibility
- Global certification alignment
- Export experience in 80+ countries
- Support for long-term supply cooperation



Contact

Stable quality and documentation support are critical for global B2B buyers. Our production process is designed to improve consistency, traceability, and delivery reliability.



Contact Information

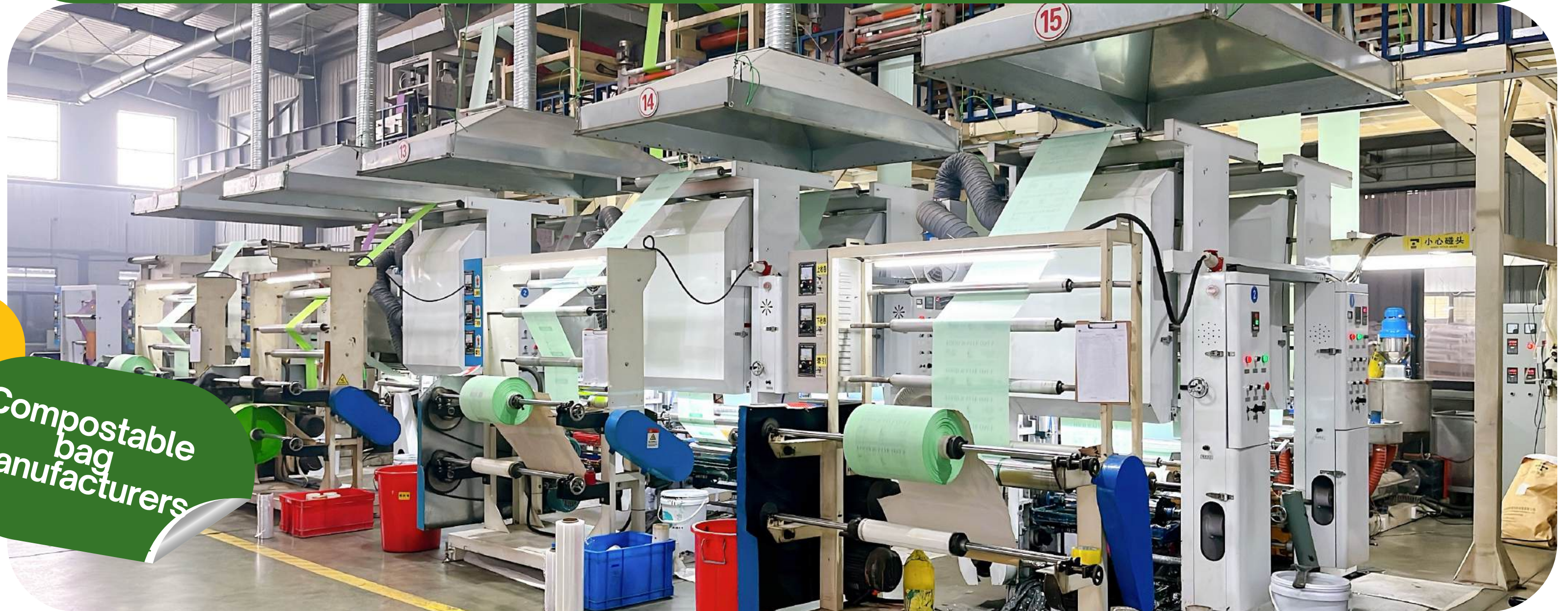
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THANK YOU

Sustainable Farming, Superior Quality, Community Impact



Compostable
bag
manufacturers

Keep In Touch with Us



86-18654506392



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