



GRAINGUARD

HERMETIC PACKAGING SOLUTIONS

Hermetic Jute Liner

PRODUCT DOCUMENTATION



产品名称

Hermetic Liner Bag For Green Coffee Bean

摘要

Buy quality Hermetic Liner Bag For Green Coffee Bean from GrainGuard, a professional manufacturer in China, is a revolutionary packaging solution designed specifically for green coffee beans and cocoa beans. This multilayered hermetic liner provides superior protection during storage and transportation, preserving the freshness, aroma, and quality of agricultural commodities without the need for chemical fumigants or pesticides.

详情

Available in both Basic and Pro versions, GrainGuard factory's Hermetic Liner Bag For Green Coffee Bean is engineered to fit seamlessly inside traditional jute bags, creating an airtight barrier that prevents moisture ingress, insect infestation, and oxidation while maintaining the classic aesthetic of jute packaging.

Product description

GrainGuard Hermetic Liner Bag For Green Coffee Bean combines traditional jute bag aesthetics with modern hermetic technology. Each liner consists of multilayered food-grade polyethylene material with exceptional gas and moisture barrier properties, ensuring that green coffee beans, cocoa beans, and other sensitive agricultural products remain fresh throughout their journey from farm to roaster.

The hermetic seal created by these liners eliminates the exchange of air and moisture between the stored commodity and the external environment. This oxygen-free storage environment naturally prevents insect development and mold growth, eliminating the need for chemical treatments while preserving the beans' germination potential, flavor profile, and aromatic characteristics.

Available in three sizes (Small, Medium, and Large) to accommodate different bag capacities from 10kg to 70kg, GrainGuard Jute Liners are supplied with cable ties and "No Hook" stickers for easy, secure sealing. The liners can be sealed using either cable ties for quick closure or heat sealing for long-term storage and international shipping.

Key features and benefits

⇒ Superior freshness preservation

- Preserves the natural freshness, scent, aroma, taste, and color of green coffee beans and cocoa beans
- Creates an airtight, moisture-tight barrier that prevents oxidation and moisture damage
- Maintains bean quality during extended storage periods and long-distance transportation

⇒ Chemical-free protection

- Eliminates the need for chemical pesticides and fumigants
- Provides natural protection against insect infestation through oxygen deprivation
- Inhibits mold growth and prevents aflatoxin production, a major public health hazard
- Ideal for organic product storage and eco-conscious businesses

⇒ Exceptional durability

- Made from incredibly strong, food-grade high-strength polyethylene material
- Resistant to tears, punctures, and damage during handling and transport
- Reusable and recyclable, supporting sustainable packaging practices

⇒ Easy to use

- Simple installation inside standard jute bags
- Supplied with cable ties and "No Hook" stickers for quick, secure sealing
- Heat-sealable for long-term storage and international shipping requirements
- Compatible with existing jute bag handling and logistics infrastructure

Available sizes and capacity

GrainGuard Basic Jute Liners

Size	Suitable For	Dimensions (W × L)
Small (S)	10-20 kg (22-44 lbs) of green coffee beans or cocoa beans	40 cm × 70 cm (15.7" × 27.6")
Medium (M)	25-35 kg (55-77 lbs) of green coffee beans or cocoa beans	56 cm × 94 cm (22.0" × 37.0")
Large (L)	60-70 kg (132-154 lbs) of green coffee beans or cocoa beans	75 cm × 130 cm (29.5" × 51.2")

Note: GrainGuard Pro Jute Liners are also available in the same sizes with enhanced features. Contact us for detailed Pro version specifications.

Applications and use cases

Primary applications

- Green coffee bean storage and transportation- perfect for specialty coffee exporters, importers, and roasters who need to preserve bean quality and flavor characteristics during storage and international shipping.
- Cocoa bean protection- Ideal for cocoa processors and chocolate manufacturers requiring premium bean quality preservation from origin to factory.
- Organic product storage- chemical-free protection makes these liners essential for organic certification compliance and pesticide-free commodity handling.
- Seed preservation- maintains germination potential and seed vigor for agricultural commodities requiring extended storage periods.

Industry Sectors

- Coffee Industry: Specialty coffee exporters, importers, distributors, and roasters
- Chocolate Industry: Cocoa bean traders, processors, and chocolate manufacturers
- Agricultural Cooperatives: Farmer organizations and commodity aggregators
- Warehousing & Logistics: Storage facilities and commodity handling companies
- International Trade: Export-import businesses dealing with sensitive agricultural commodities

Frequently Asked Questions (FAQ)

Q1: What is the difference between GrainGuard Basic and Pro Jute Liners?

A: Both Basic and Pro versions provide excellent hermetic protection. The Pro version features enhanced barrier properties and additional durability for extended storage periods and more demanding transportation conditions. Both are available in small, medium, and large sizes.

Q2: How do I seal the hermetic liner?

A: GrainGuard Jute Liners come with cable ties for quick sealing. For short-term storage and local transport, cable ties provide adequate sealing. For long-term storage and international shipping, we recommend heat sealing for maximum hermeticity. Each liner includes a heat-sealable area at the top.

Q3: Can these liners be reused?

A: Yes! GrainGuard Jute Liners are designed to be reusable. As long as the liner remains undamaged and clean, it can be used multiple times, making it an economical and environmentally friendly packaging solution.

Q4: Are these liners food-safe?

A: Absolutely. All GrainGuard Jute Liners are manufactured using food-grade materials that comply with international food safety standards. They are safe for direct contact with green coffee beans, cocoa beans, and other food commodities.

Q5: How long can I store beans in these liners?

A: When properly sealed, GrainGuard Jute Liners can preserve bean quality for 6-12 months or longer, depending on storage conditions. The hermetic seal prevents moisture ingress, insect infestation, and oxidation, maintaining freshness throughout extended storage periods.

Q6: Do I need to use pesticides or fumigants with these liners?

A: No. The hermetic seal creates an oxygen-depleted environment that naturally prevents insect development and mold growth, eliminating the need for chemical treatments. This makes them ideal for organic products and health-conscious businesses.

Q7: How do I choose the right size?

A: Choose based on your standard jute bag size and commodity weight: Small (10-20kg), Medium (25-35kg), or Large (60-70kg). The liner should fit comfortably inside your jute bag with enough material at the top for proper sealing.