



# GrainGuard Products



## GrainGuard Sample Bags

- To preserve the scent and freshness of grains, use a multilayered hermetic storage bag and an environmentally friendly plastic bag with strong oxygen and moisture barrier qualities.



## GrainGuard Jute Liners (Twist & Tie)

- Preserve the freshness and scent.
- Incredibly strong.
- Utilising food-grade ingredients.
- No need to use chemicals or pesticides.
- Reusable and recyclable.



## GrainGuard Container Liners

- Easy to install
- assemble with minimal effort,
- Allows use of forklifts
- Tough, durable polypropylene that is recyclable and reusable
- Reusable and Recyclable



# GrainGuard Products



## GrainGuard Ton Bags

- Fit for storage of organic products
- Worry-free shipping and warehousing of bulk commodities
- Prevents cross infestation of stocks in the warehouse
- Ease of mechanical operations using forklift
- Preserves taste, color, and aroma
- Inhibits mold growth which produces aflatoxins, a major public health hazard
- Made of hermetic material with superior barrier properties
- Secured closing with the use of zipper
- Maintains quality and preserves germination potential



## GrainGuard Vacuum Bag

- Optimized storage space/easy stacking
- Sealed barrier from external elements
- Increases commodity shelf life
- Protects against mold growth and insect infestation
- Retains taste, color, and aroma of products
- Improves product presentation
- Reduces product loss
- Stand-alone bag that eliminates the use of any type of conventional bag
- Fit for storage of organic products



## GrainGuard Coffee Trays

- **Sturdy & Stylish Design:** Made from high-quality materials, our trays ensure durability while adding a touch of sophistication to your table setting.
- **Spacious & Versatile:** Ample space to hold coffee cups, saucers, spoons, and even a small bowl for treats like sugar cubes or cookies, inspired by traditional coffee-serving etiquette.
- **Anti-Slip Surface:** A textured or raised-edge design prevents cups from sliding, making it ideal for home use, cafes, or special gatherings.
- **Easy Maintenance:** Clean effortlessly with a dry cloth.



# GRAINGUARD

Hermetic Packaging Solutions



## GrainGuard Sample Bags

Perfect as a storage and retail packaging solution to keep your commodities safe anywhere, anytime! The **GrainGuard Sample Bags** is a resealable bag for commodity samples with a capacity of up to 2,500 grams. It is made of a hermetic material with an air-tight single-track zipper to maintain the commodity's freshness.

The design features a two-tone style with a transparent front for easy viewing and branding space, while the back side is green to protect against light damage. For longer storage, the **GrainGuard Sample Bags** has a probation of 2 centimeters on top of the ziplock for heat welding as well as a tear notch on top for safe and easy cutting of the welded portion.

### FEATURES

 **Air-tight, moisture-tight, and reusable**

 **Retains the taste, color, and aroma of commodities**

 **2-toned for easier inspection and adequate UV protection**

 **Made of safe food-grade material**

 **Protects against mold growth and insect infestation**

 **Maintains the germination and vigor of stored seeds**

 **Stand-up pouch featuring ample space for logo customization**

 **Fit for the storage of organic products**

### APPROXIMATE CAPACITY

Size	Capacity g (lbs)
Small	250 (0.55)
Medium	500 (1.1)
Large	2500 (5.5)

### DIMENSIONS

Size	Dimension (L x W), cm(in)
Small	17 x 13 (6.7 x 450.1)
Medium	23 x 16 (9.1 x 6.3)
Large	35 x 25 (13.8 x 9.8)

**Disclaimer:** Heatsealing of the bags is recommended for long-term storage and transport. The approximate capacity provided above is based on our computation. Capacity variance based on the actual commodity stored will apply.



### PRODUCT SPECIFICATION

 **MATERIAL**  
High strength PE with Barrier Layer

 **THICKNESS, MICRONS**  
100 ± 5%

 **PRODUCT LIFE**  
3 Years



1



## GrainGuard Basic Jute Liners (Twist & Tie)

Multilayered PE Bags with Cable ties & "No Hook" Stickers.

**Suitable for** 60-70kgs/ 110-154 lbs of Green Coffee beans / Cocoa beans.

**Size:** L / 75cm(W) x 130cm(L)

<b>Standard Packaging Per Box</b>	<b>10 Pcs</b>	<b>200 Pcs</b>
<b>Standard Packaging Per Box</b>	<b>2.00 Kg</b>	<b>33.00 Kg</b>
<b>Measurement per Box (LxBxH)cm</b>	<b>42x34x4</b>	<b>81x47x14</b>



2



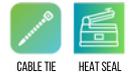
## GrainGuard Basic Jute Liners (Twist & Tie)

Multilayered PE Bags with Cable ties & "No Hook" Stickers.

**Suitable for** 25-35kgs/ 55-77 lbs of Green Coffee beans / Cocoa beans.

**Size:** M / 56cm(W) x 94cm(L)

<b>Standard Packaging Per Box</b>	<b>10 Pcs</b>	<b>300 Pcs</b>
<b>Standard Packaging Per Box</b>	<b>1.50 Kg</b>	<b>27.00 Kg</b>
<b>Measurement per Box (LxBxH)cm</b>	<b>59x26x3</b>	<b>61x50x16</b>



3



## GrainGuard Basic Jute Liners (Twist & Tie)

Multilayered PE Bags with Cable ties & "No Hook" Stickers.

**Suitable for** 10-20kgs/ 22-44 lbs of Green Coffee beans / Cocoa beans.

**Size:** S / 40cm(W) x 70cm(L)

<b>Standard Packaging Per Box</b>	<b>10 Pcs</b>	<b>400 Pcs</b>
<b>Standard Packaging Per Box</b>	<b>1.20 Kg</b>	<b>25.00 Kg</b>
<b>Measurement per Box (LxB)cm</b>	<b>59x26x3</b>	<b>81x47x14</b>





1



## GrainGuard Pro Jute Liners (Twist & Tie)

Multilayered Hermetic Bags with Cable ties & "No Hook" Stickers.

**Suitable for** 60-70kgs/ 110-154 lbs of Green Coffee beans / Cocoa beans.

**Size:** L / 75cm(W) x 130cm(L)

<b>Standard Packaging Per Box</b>	<b>10 Pcs</b>	<b>200 Pcs</b>
<b>Standard Packaging Per Box</b>	<b>2.00 Kg</b>	<b>33.00 Kg</b>
<b>Measurement per Box (LxBxH)cm</b>	<b>42x34x4</b>	<b>81x47x14</b>



2



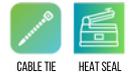
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Multilayered Hermetic Bags with Cable ties & "No Hook" Stickers.

**Suitable for** 25-35kgs/ 55-77 lbs of Green Coffee beans / Cocoa beans.

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<b>Standard Packaging Per Box</b>	<b>1.50 Kg</b>	<b>27.00 Kg</b>
<b>Measurement per Box (LxBxH)cm</b>	<b>59x26x3</b>	<b>61x50x16</b>



3



## GrainGuard Pro Jute Liners (Twist & Tie)

Multilayered Hermetic Bags with Cable ties & "No Hook" Stickers.

**Suitable for** 10-20kgs/ 22-44 lbs of Green Coffee beans / Cocoa beans.

**Size:** S / 40cm(W) x 70cm(L)

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# GRAINGUARD

Hermetic Packaging Solutions



## GrainGuard Vacuum Bag

The GrainGuard Vacuum Bag™ is made of high-strength PE with excellent gas smooth-surface bags. It is recommended to store and transport these vacuum bags inside a packaging box for added protection. Using the Vacuum Bag, commodities can be stored for prolonged periods without the risk of moisture ingress, all the while Bag also protects commodities from insect infestation and mold growth.

### GrainGuard Vacuum Bag

SIZE	APPROXIMATE CAPACITY kg (lbs) Based on green coffee	Dimensions (L x W x Thickness), cm (inch)	
		EMPTY	FILLED
Extra Small	4-6 (8.8-13.2)	EMPTY	55 x 30 (21.7 x 11.8)
		FILLED	35 x 20 x 10 (13.8 x 7.9 x 3.9)
Small	10-15 (22-33.1)	EMPTY	72 x 46 (28.3 x 18.1)
		FILLED	42 x 31 x 15 (16.5 x 12.2 x 5.9)
Medium	16-20 (35.3-44.1)	EMPTY	80 x 50 (31.5 x 19.7)
		FILLED	48 x 35 x 15 (18.9 x 13.8 x 5.9)
Large	21-25 (46.3-55.1)	EMPTY	92 x 50 (36.2 x 19.7)
		FILLED	60 x 35 x 15 (23.6 x 13.8 x 5.9)
Extra Large	26-30 (57.3-66.1)	EMPTY	104 x 50 (40.9 x 19.7)
		FILLED	72 x 35 x 15 (28.3 x 13.8 x 5.9)



## GrainGuard Ton Bags

The GrainGuard Ton Bags FIBC Hermetic Liner is a liner specifically designed for flexible intermediate bulk containers (FIBC) also referred to as "big bags". These are high-strength polyethylene hermetic liner with moisture and gas-barrier properties that is ideal for storing dry agricultural commodities in warehouses in semi bulk, preventing moisture ingress and oxidation. The FIBC Hermetic Liner includes a downspout at the bottom for convenient grain discharge and can also be fumigated with carbon dioxide. GrainGuard delivers only the Hermetic liner, FIBC or big bag is not included. GrainGuard's hermetic technology allows organic storage of dry agricultural commodities. It offers a green solution and the benefits of complete protection from insect damage, moisture damage, molds, fungi, and its consequent health hazards without the use of harmful fumigants and other chemicals.

APPROXIMATE CAPACITY (kg)	Dimensions	
1500kg	FIBC Hermetic Liner	(L x W ),cm (inch) <b>325 x 240 (128x 94.5)</b>
	FIBC Outer Bag without baffles	(L x WxH ),cm (inch) <b>110 x 115x 110 (43.3 x 45.3x 43.3)</b>



## GrainGuard Container Liners

The **GrainGuard Container Liners** maintains and safeguards the quality of dry agricultural products that are transported in shipping containers in bags or on pallets. A patented barrier layer and high-strength polythene make up the **GrainGuard Container Liners**. Nylon thread and weaved opp tape are used for simple installation. Insect infestation is prevented, condensation effects are lessened, and the entrance of moist ambient air that promotes the formation of mould is restricted by its exceptional gas and moisture shielding qualities. The **GrainGuard Container Liners** reliably preserves commodities without sacrificing quantity or quality, even when they are stored in bags during transoceanic transport or storage.

### FEATURES

-  Preserves the taste, color, and aroma of commodities
-  Effectively eliminates insect infestation while products are in transit
-  Easy to install in a shipping container
-  Made of hermetic multilayer film with superior gas and moisture barrier properties
-  Used for bagged/palletized goods in 20ft. or 40ft. shipping containers
-  Inhibits mold growth which causes aflatoxins, a major public health hazard
-  Fit for the storage of organic products
-  Protects the commodities from condensation

APPROXIMATE CAPACITY	20 GP	40 HC
1,000 Kg FIBC	20	40
50 Kg Bag	400	800
20 Kg Bag	800	1600

DIMENSIONS	20 GP	40 HC
1,000 Kg FIBC	900 x 500 x 33	1,500 x 500 x 66
20 Kg Bag	(354 x 197 x 1,165)	(591 x 197 x 2,331)



### PRODUCT SPECIFICATION

-  **MATERIAL**  
High strength PE with Barrier Layer
-  **THICKNESS, MICRONS**  
100 ± 5%
-  **PRODUCT LIFE**  
3 Years
-  **ACCESSORIES**  
Ropes, Drying agents