



## Post-Harvest handling and storage solutions

CropSto Bags Is All About Superior Quality High Barrier Hermetic Packaging/Storage Solutions For Green Coffee, Cocoa, Tea, Sugar, Rice, Spices, Maze And Other Grains, Used As Inner Liner For Jute Bags Or Ordinary Sacks. Our Bags Are Multi-Layered Hermetically Sealed And Environmental Friendly, Manufactured Using Special Researched Technology To Preserve The Natural Freshness Of The Farms In Warehouses And During Its Transport, Without Use Of Pesticide & Insecticide.

These Grain Preserving Bags Are Manufactured By Utilizing Supreme Grade Materials and Advanced Technology Which Offer Excellent Gas Barrier Properties to Prevent Moisture and Oxygen Ingress. These Bags Are A Penetration-Resistant Storage Solution For A Vast Range Of Agricultural.

## Product :-

### ❖ MULTILAYERED HERMETIC PLASTIC STORAGE BAGS

Multi layered Hermetic storage bag eco-friendly plastic bag with high oxygen and moisture barrier properties to seal aroma and freshness of coffee and other Grains.



**Extremely Strong**

**Made with Food Grade raw material**

**Recyclable and Reusable**

**No need for use pesticide or other chemicals**

**Lock the Aroma and freshness**

**High temperature tolerance (-30° C to 90° C)**

**Available in many sizes.**

Size	Width MM	Length MM
25	510	930
50	650	1100
80	750	1300
100	750	1500

❖ **VACUUM PACK BAG**

Vacuum Pack Bags for Storage for safety during transport and storage, along with Food Grain Vacuum & Sealing machine with Molds. Available Sizes as per requirement



Size	Width MM	Length MM
15	400	600
20	520	720

❖ **MULTILAYERED HERMETIC SAMPLER BAGS**

Multi layered Hermetic Sample bag eco-friendly plastic bag with high oxygen and moisture barrier properties to seal aroma and freshness of coffee and other Grains. For samples or small batch, available in Manual sealing option with Label for branding or writing details



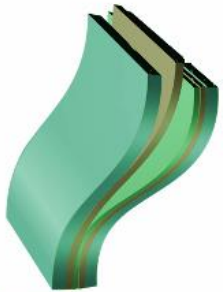
Size	Width MM	Length MM
0.5	150	245
1	180	267

❖ **OTHER BAGS**

Food Grade Jute Bags, PP bags, FIBC Bulk Bags with Hermetic liners as per customized sizes and shape

We Believe In a Sustainable Food System That Provides Healthy Food without Use of Pesticides, While Also Providing Sustainable Impacts On Environmental, Economic And Social Systems That Surround Food. Improve The Income And Quality Of Life Of Smallholder Farmers By Reduction Of Post-Harvest Losses. Protect Customer Form Infection And Give Fresh Food. Exclude the Use of Harmful Chemicals Fumigants

### Multi-Layered Hermetically Sealed



PE - PP moisture barrier  
chemical resistance  
MODIC highly adhesive  
tie layer resin  
EVOH oxygene barrier  
MULTILAYER BARRIER FILM

When produce is stored in our CropSto bags, it is totally isolated from the environment outside the bag. The environment inside the bag has modified atmospheric gases and different humidity conditions than natural atmospheric gases. There is 20.9% Oxygen, 79% Nitrogen and 0.03% CO2 and humidity.

Anaerobic storage principle If the organism is sealed in gas tight storage, the ecosystem will be modified. High CO2 level kills living insects and suppresses new development. Living organism's respiration causing O2 depletion and gives off CO2. Low O2 level prevents myco – and aflatoxins development and chemical oxidation.

This Anaerobic Condition is kept as long as no gas leak from my opening or permeating through the storage material.

Normal plastic bags (polyethylene bags) are made of extremely thin polymers and allow for high oxygen permeability. This provides an environment for even a small number of insects to transform into an infestation & ruin your grains/beans. Cropsto Bags, on the other hand, create an organic hermetic storage environment which acts as a barrier against the air outside. Moisture content is regulated and chances of infestation are curbed by reducing oxygen levels and increasing carbon dioxide levels.



CropSto Packaging, B-701 Decora Utsav,  
S.V. Road, Rajkot -360004(Gujarat) INDIA.  
E. Sales@Cropsto.in, Cropstopack@gmail.com  
www.Cropsto.in

T. +91 9825 213170 / +91 9825 213146