



**LINFORMEX**



**HERMETIC LINER**  
**CATALOG**

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THE FORM FIT LINER EXPERTS

# ABOUT OUR COMPANY



**QUALITY + PRICE + CUSTOMER SERVICE**

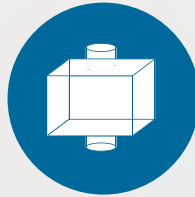
We specialize in **manufacturing custom form fit liners** for all packaging requirements. We guarantee the quality of your product with the right **packaging solution** for your needs allowing for product and **food safety**.

Our liners are **Food and Drug Administration (FDA)** compliant under the federal code ruling 21CFR177.1520 which specifies the regulations for olefin polymers for use in contact with food. Our products are free of PVC and BPA (bisphenol A).

# LINER BENEFITS

A **liner** is a layer between your product and the container. For example, an FIBC or any rigid or flexible package. A liner will protect the product **avoiding contamination** as to not compromise **the natural properties** of the product.

**LINER..  
A PRACTICAL  
AND DURABLE  
option for the  
benefit of  
your product**



If your product requires food safe packaging conditions that are observed in the food industry, a sterile environment such as the pharmaceutical industry; protection and safety that is needed in the chemical industry, **we can offer you the right solution.** These sectors as well as the plastic, mineral or farming industries can find an excellent packaging option in a form fit liner that includes antistatic, oxygen and moisture barrier properties to any container.

#### **Advantages of a Form Fit Liner VS non Form Fit in a FIBC.**

- Enables ease of use and allows for correct filling in order to avoid improper packaging and process delays.
- Can be held in place with flanges or tabs preventing liner from falling out, causing contamination of product and equipment damage at time of discharge.



The possibilities are endless. Contact us and our engineering team will **find the liner that best suits your needs.** We specialize in customizing liners of all shapes and sizes for both rigid and flexible containers.



**Linformex** is distinguished by high levels of **quality, price and service to our customers.**

# PRODUCTS



## HERMETIC BAG

**Linformex HERMETIC BAGS** are made up of ultra-high barrier 7 layer films, which extend the shelf life of various grain products. Our bags come with superior air, gas and water resistant properties which helps to create a modified atmosphere inside the bag. It stops insect infestations and inhibits the growth of fungal contaminants without affecting the aroma, color and freshness.

### KEY BENEFITS

- Maintains heat inside the bag.
- Seal the aroma inside.
- Retains the flavor and quality of the product.
- Good temperature tolerance (-30°C to 90°C).
- Oil and solvent resistant.

Parameter	Specification
Material	High Strength PE with Barrier Layer
Bag Capacity (KGS)	25 - 100
Thickness (microns)	80 - 120
Oxygen Transmission Rate (OTR), cc/m2/day at 0.1 MPa	≤3
Water vapor Transmission Rate (WVTR) g/m2/day	≤4



## HERMETIC FIBC LINER

**Linformex FIBC LINERS** provide solution for the safe and protected transportation of dry agricultural commodities. It is an ideal FIBC for preventing grain or seed damage due to condensation and insect infestation while in transit. It comes with a liner and the outer bag, as well as a spout at the bottom that allows the easy discharge of grains. These bags are of high capacity and can have baffles inside them to prevent from bulging, this helps in keeping the shape of the bags intact for a long term storage.

### KEY BENEFITS

- Keeps the product fresh for a long time.
- Saves space in warehouses.

Parameter	Outer Bag	Inner Liner
Material	High Strength Woven PE	7 Layer PE Barrier Film
Bag Capacity (KGS)	500 - 2000	500 - 2000
Oxygen Transmission Rate (OTR), cc/m2/day at 0.1 MPa	2	2
Water vapor Transmission Rate (WVTR) g/m2/day	2	2

**Linformex BARRIER FILMS** offers a material composition that extends shelf life and the safety of a perishable product. Using packaging material that prolongs a products shelf life can drastically cut down on the waste of perishable products. A great way to achieve this is by using a barrier protective film that reduces the amount of oxygen and moisture.

Parameter	Specification
Material	Multi-layer PE
Thickness (microns)	100±5%
Oxygen Transmission Rate (OTR), <i>cc/m2/day at 0.1 MPa</i>	≤8
Water vapor Transmission Rate (WVTR) <i>g/m2/day</i>	≤3

## BARRIER FILM



### KEY BENEFITS

- Resistance to gases such as oxygen, nitrogen, and carbon dioxide.
- The 7 layer Barrier film has excellent flex-crack resistance and exhibits a high resistance to hydrocarbons, oils and organic solvents.

## HERMETIC CONTAINER LINER

**Linformex 7 LAYERS HERMETIC CONTAINER LINERS** are specially designed to protect and preserve the quality of dry agricultural commodities transported in shipping containers. Available in various styles.

Parameter	Specification
Material	Multi-layer PE
Container size (FT)	20'-53'
Thickness (microns)	100±5%
Oxygen Transmission Rate (OTR), <i>cc/m2/day at 0.1 MPa</i>	< 9
Water vapor Transmission Rate (WVTR) <i>g/m2/day</i>	< 4



### KEY BENEFITS

- Provides moisture and gas barrier.
- Safe, clean and hygienic bulk packaging solution for all products.
- Reduce the packaging and handling cost.

# HERMETIC LINER

## APPLICATIONS



Sugar



Fertilizers



Polymer  
(PET / PTA)



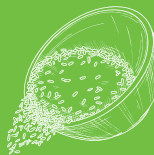
Hazardous  
chemicals



Carbon  
black



Processed  
foods



Seeds



Coffee

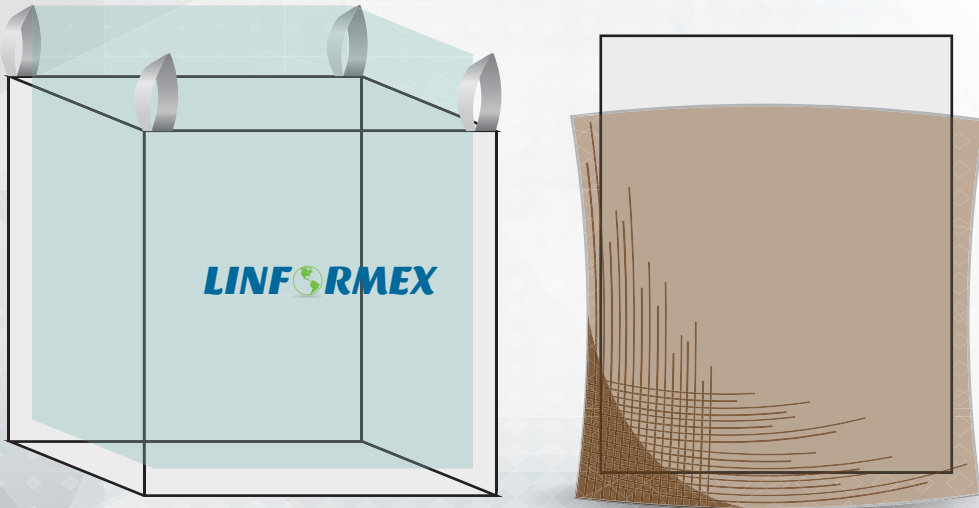


Animal  
feed



Construction  
Building


...AND MUCH MORE



HERMETICS

HERMETIC FIBC LINER | HERMETIC BAG

LINFORMEX



HERMETICS

HERMETIC CONTAINER LINER

LINFORMEX


# CONTACT

**LINFORMEX**



[www.linformex.com](http://www.linformex.com)

If you need a quote or require further assistance to identify the liner you require, please call or e-mail us.

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