

BULK SHIPPING CONTAINER LINERS



Open faced liner – loading fish meal via a screw feeder



Open top liner – loading sand via a conveyor belt

Container liners allow shippers to transport containerized goods in a protected environment. They facilitate the bulk movement of goods and create a silo to silo transport chain. The container provides structural strength while the liner protects the goods.

POLYETHYLENE

The most common container liner used for the transportation of dry bulk goods such as chemicals, fish meal, sugar, mining products and cement. Also used for the protection of boxed and palletized goods.

BENEFITS

- Reduce costs by eliminating small costly packaging units
- Save on the handling of smaller units
- Increase the speed of inbound and outbound logistics

- Protect goods and containers from contamination, moisture etc.
- Maximize container space.

SPECIFICATIONS

- 6m and 12 liners (20', 40') specified for the commodity and the loading and discharge infrastructure.
- 150 μ m – 200 μ m low density polyethylene
- Various designs – including closed tops, open tops, loading chutes on top, on doors etc.
- Option to add airbags to facilitate the offloading of fine powders.



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POLYPROPYLENE

Polypropylene container liners are used for foodstuffs such as cocoa and coffee as these commodities need to breathe en route and polypropylene allows them to do so.

THERMAL LINERS

Thermal liners are used to moderate temperature fluctuations. Once insulated with a thermal liner, goods are protected from temperature spikes. Containers can get extremely hot and the thermal liner reflects the heat away from goods.



Thermal liner – for temperature control

BULKHEADS

For the safe loading of goods in a container, a bulkhead is recommended. On discharge, a container with a fitted bulkhead can be opened without fear of goods falling out. Bulkheads are used in conjunction with steel bars across the container face.

BENEFITS

A bulkhead provides a safe and secure barrier within a container. Power Plastic bulkheads are an alternative to wood and therefore are able to enter European Union and Asian countries without a wood-certificate

SPECIFICATIONS

- Designed to hold 20 tonnes of goods behind the bulkhead
- A combination of polypropylene and webbing form the basis of bulkheads.



Woven Polyprop bulkhead – with straps