

# Ultra-Clean Liner



## Clean Room construction

*Protects particulate  
sensitive semi-bulk  
materials during  
processing, shipping  
and storage.*

*For use in FIBCs,  
boxes and containers*



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# Ultra-Clean Liner



**Guardian Ultra-Clean liner from Grayling Industries protects your products from particulate contamination during shipping and storage.**



Grayling Industries introduces the Guardian Ultra-Clean form-fit disposable liner to protect particulate sensitive products during shipping and storage. The disposable Ultra-Clean liner may be constructed to fit a

variety of container types, including FIBC's, totes and boxes. The liners are manufactured in a certified class 100,000 clean-room.

## Clean Room construction

Clean room construction means the Ultra-Clean liner body is always in a lay-flat form during the heat sealing process. The liner is never opened, therefore risk from particulate contamination is reduced.

When filled, the liner takes the shape of the outer package and becomes form-fitted.



A form-fitted liner allows you to get complete fill and discharge of the contents. There are no traps and folds that can prevent material flow and cause material loss. In addition, the liner eliminates costly and time consuming cleaning of the outer container.

Liners can be made in a variety of sizes to fit your outer container. Built-in attachment points aid in the filling and discharge of materials. Fill and discharge spouts attach quickly and easily to



Like Grayling Industries other Guardian liners, the Ultra-Clean liner eliminates the need to decontaminate containers. This reduces the cost of packaging and insures product integrity. In addition, the form-fitted construction of Guardian' liners eliminates traps and folds that can cause residual product loss and hinder the fill and discharge processes. The unique manufacturing process creates the form-fitted liner from lay-flat folded film, minimizing the handling of the film and thereby reducing the chance of particulate contamination. Laminated and co-extruded film structures are customized to meet the user's specific requirements for protection.

Guardian Ultra-Clean liners create more protective packages for these containers

