



# Personal Care Solutions

Grayling™ Bulk  
Packaging

- LIQUID LINERS
- DRY LINERS
- DRUM LINERS
- BULK STORAGE CONTAINERS
- XTRAXT® SYSTEM FOR LIQUID DISPENSING



Designed to optimize your filling and dispensing process

- Barrier films available for oxygen and moisture sensitive applications
- Liquid liners are available pre-casseted to improve the filling performance of the liner within the IBC or paper IBC
- We offer liners with a broad portfolio of fill and dispense fitments to optimize your processing
- A wide range of accessories available (heating pads, fill bridges, adapters, and valves)



Applications: Skin care lotions & creams, sun care, shampoos & conditioners, toners, body wash, shower gel, cosmetic powders

## LINERS FOR DRY APPLICATIONS

### FORM-FIT LINERS

Form-fit liners are custom designed to fit the dimensions of the FIBC providing maximum filling and dispensing efficiency through complete discharging of your product. Unlike a basic "tube liner", Form-Fit Liners offer a flat top and bottom and incorporate a spout diameter and length to best compliment the FIBC's fill and discharge spouts.



32" square up to 48" square  
43"x 37" up to 48"x 43"

### DRUM LINERS

Designed for use with steel, plastic or fiber drums, liners ensure that your dry products, such as cosmetic powders, stay pure and contamination free. Our drum liners are manufactured using engineered polyethylene film structures to provide durability, consistency and performance.



30/55 gallon lay flat "bag on a roll" or round bottom with diameters of 14", 20", or 23"

# LINERS FOR LIQUID APPLICATIONS

## PILLOW LINERS

Liquid pillow liners are an economical packaging choice for liquid personal care products in IBCs. The pillow style IBC liner protects products from contamination and leakage during processing, storage and transportation.

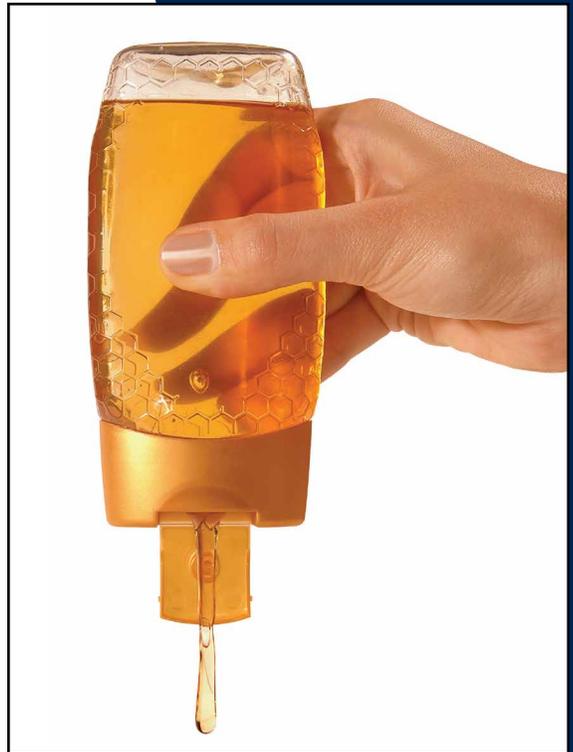


32"x 51" up to 92"x 90"

## FORM-FIT LINERS

Form-fit liquid liners are designed to reduce labor while minimizing waste and product residual during filling and dispensing bulk liquids. The form-fit design allows for a consistently complete fill and dispense of products because the liner has no pleats, folds or other traps to hinder material flow.

\*Open top liquid liners also available up to 47"x 82"



32" square up to 48" square

## XTRAKT<sup>®</sup> SYSTEM

For viscous liquids, our Xtrakt<sup>®</sup> System can help you reduce waste and boost profits by extracting even more product from your liners.

- Leaves less than 2 kg of residual product in every liner, every time
- Reduces residual product waste by up to 30%
- No operator intervention lowers your labor cost
- Systems for either low-viscosity or high-viscosity applications





# BEYOND BOUNDARIES™

Innovators at our core, we develop engineered solutions for our customers' complex problems. Recognized globally for our flexible containment solutions, ILC Dover serves customers in a diverse range of industries, including pharmaceutical and biopharmaceutical manufacturing, personal care, food and beverage, chemical, aerospace, healthcare and government agencies. At ILC Dover, quality is a culture, not a measurement. Our customers will tell you that we cater to their every need and that we're highly innovative, responsive, dedicated and competitive. We have been innovating since 1947. ILC Dover's visionary solutions improve efficiency, safeguard workers and product, and prevent disasters — proof that we are on the front line of business excellence.

**Engineering evolution beyond boundaries.**



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