

# Zatkoff

## SEALS & PACKINGS

### FLEXZSHOCK®

PATENTED FAMILY OF PRODUCTS



**FlexZshock® is a cost-saving, high-performance packaging solution** designed to streamline operations and reduce freight expenses. Its compact, lightweight construction eliminates the need for bulky, labor-intensive corrugated packaging and increases shipping density, ultimately reducing the number of full truckload (FTL) shipments and driving down logistics cost.

**Made from low-density polyethylene**, FlexZshock® is both durable and environmentally conscious. FlexZshock® is curbside recyclable as #4 LDPE and composed of 65% recycled content, delivering exceptional product protection while reinforcing brand's commitment to sustainability.

**Our Closed-Loop Recycling program** plays a key role in making FlexZshock® an eco-friendly solution. We reclaim and repurpose scrap material from production, reintegrating it into the manufacturing process to create new LDPE foam, reducing waste and further lowering environmental impact.

## VALUE PROPOSITION

- Streamlines assembly and minimizes labor requirements.
- Mitigates warranty claims through superior protection for heavy, fragile items.
- Provides an eco-friendly solution:
  - #4 curbside recyclable
  - 65% recycled content
  - Closed-loop recycling
- Boosts brand perception with environmentally conscious packaging.
- Reduces shipping costs by optimizing packaging size and weight.



LDPE



### WITHOUT FLEXZSHOCK®

Oversized box to house corrugated inserts for protection of fragile content — Fits 8 boxes per skid.



### WITH FLEXZSHOCK®

Reduced box size enabling more efficient FTL and lowering freight cost by 20% while enhancing content protection — Fits 10 boxes per skid.

## MATERIAL INFORMATION

This closed-cell foam is engineered for durability and is ideal for multiple-impact applications, maintaining protective performance over time. Its clean, non-abrasive surface prevents scratching, scuffing, or marring, making it suitable for delicate finishes. With a high strength-to-weight ratio, it delivers reliable protection without unnecessary bulk. Additionally, the material is resistant to chemicals and moisture, ensuring consistent performance in a variety of environments. Available in multiple colors and densities, it can be tailored to meet the specific needs of different applications.



## ENVIRONMENTAL ADVANTAGES



40% decrease in GH Emission  
52% decrease in Water Usage  
24% decrease in Fossil Fuel Usage

Results obtained through LCA report on a FlexZshock® implementation.

## ISTA CERTIFICATION

The ISTA (International Safe Transit Association) test assesses packaging performance by simulating real-world shipping conditions such as drops, vibration, and compression.

Through our partnership with Pregis IQ, a certified ISTA laboratory, Zatkoff Seals & Packings provides ISTA-certified testing for custom FlexZshock® solutions. Pregis IQ is equipped to perform a wide range of standardized tests and deliver the official documentation and reports necessary for packaging validation.



Common Types of ISTA Testing	Description
<b>ISTA 3A</b>	Parcel delivery system shipments 150 lb. (70kg) or less
<b>ISTA 6A – Amazon.com SIOC (Ships In Own Container)</b>	Products shipped by vendors to Amazon fulfillment centers and delivered to final customer destinations via Parcel or LTL outbound shipment methods without any additional packaging or preparation by Amazon.


For more information, contact your local Zatkoff representative or visit our website.

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 **WARNING:** This product contains a chemical known to the state of California to cause cancer, or birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).