

# TOTAL PACKAGE SOLUTION



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## ENVIRONMENTALLY RESPONSIBLE PACKAGING SOLUTION

The environmental management of our products is a focused, full-circle process that starts before the manufacturing process and continues after it is used and recovered for reuse.

### THE BOX

Starting from its material source, corrugated packaging is typically manufactured using high percentages of recovered fiber that includes used corrugated containers and packaging, newspapers, and mixed paper, thereby diverting these materials from the municipal solid waste stream.

### INSIDE THE BOX

Constructed from recycled paper yet designed to be extremely resilient, our fiber interior packaging parts are produced by mixing used corrugated and newsprint with water, making it a sustainable, cost-effective alternative to other types of packaging.

### AFTER DELIVERY

Once manufactured and in use, the corrugated box and fiber interior packaging can be recycled curbside. Recovered products are used to make new paper products.

Customers can feel good that they are choosing a packaging solution that proactively manages the environmental aspect of each state of the package process. Customers can also be assured of Great Northern's commitment to optimize each packaging solution to support environmentally responsible packaging.

To learn more about our total package solution contact our experts today!

[greatnortherncorp.com](http://greatnortherncorp.com)

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## PRINT CAPABILITIES

Whether you need one color or seven colors, Great Northern has the print capabilities to get exactly what you need to identify and enhance your products. Great Northern offers a broad range of print capabilities such as lithographic, flexographic, and digital print to help meet your project scope, budget, and brand objectives.

### LITHOGRAPHIC PRINT

Highest quality print option that can help your packaging make an impactful impression.

- 6-color + aqueous coating
- Printed graphics are applied to 80# coated paper and laminated to corrugated packaging
- Ideal for large box quantities



### FLEXOGRAPHIC PRINT

Most common and cost-effective print option.

- Ideal for high volume, repetitive projects
- Direct print to corrugated packaging
- High quality print using 6-color and 7-color presses

### DIGITAL PRINT

Efficient way to get high quality print on lower quantity orders.

- Ideal for package customization
- Flexible order minimums per SKY
- 4-color process print applied directly to corrugate package



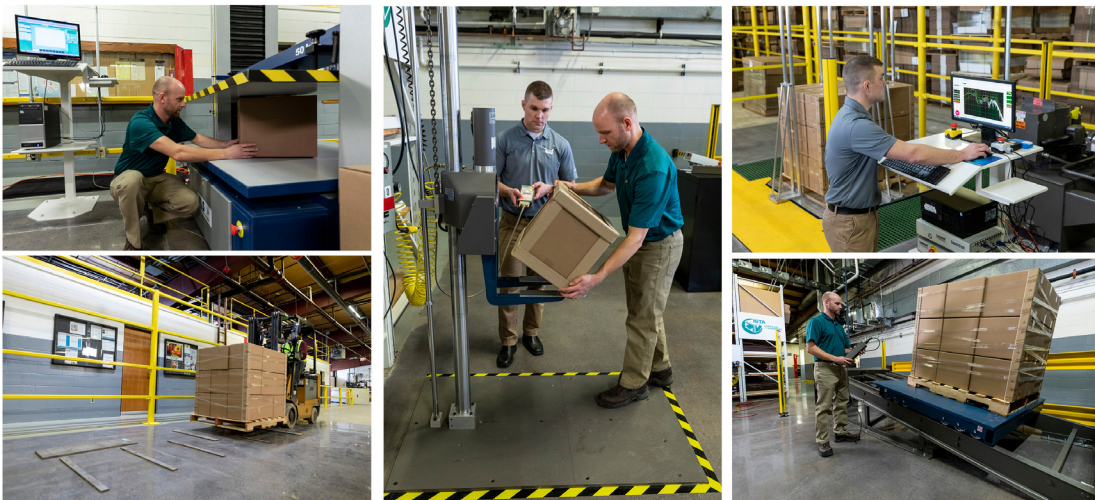
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## ISTA® 6 TESTING AND CERTIFICATION SERVICES

Great Northern's in-house certified ISTA® (International Safe Transit Association) technicians can test and certify packages and fully loaded pallets in our state-of-the-art ISTA 6 test lab to pre-determine if packages are optimally designed and if modifications are needed.

The ISTA 6 tests expose packages to anticipated conditions and potential hazards that could be encountered throughout the supply chain and distribution channels. The ISTA 6 test protocols include:

- ✓ **VIBRATION TESTING**
- ✓ **INCLINE TESTING**
- ✓ **MATERIAL HANDLING**
- ✓ **FREE-FALL DROP TESTING**
- ✓ **COMPRESSION TESTING**






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## FREQUENTLY ASKED QUESTIONS

### How does Fiber Interior Packaging compare to other interior protection options?

	 Great Northern Fiber Interior Packaging™	Corrugate Inserts	Honeycomb	Bubble Wrap/Tape	Molded Foam	Foam in a Bag
Custom Fit	Yes	No	No	No	Yes	Can Be
Consistency	Yes	Yes	Yes	No	Yes	No
Labor	Drop and Go	Can be Intensive	Can be High	Intensive	Drop and Go	Moderate Labor
Storage/Compact	Nested/Compact	Compact	Bulky	Bulky	Bulky	Minimal
Recyclable	Yes	Yes	Yes	No	No	No
Biodegradable	Yes	Yes	Yes	No	No	No

### What are the advantages of using Great Northern - Fiber Interior Packaging?

- Easy to pack - reducing labor and overall costs
- Biodegradable
- 100% recyclable curbside - same as any paper-based product
- Nest-able - requiring less space
- Customizable - providing optimum product protection
- Transit Testing
  - Great Northern has a [ISTA® 6 Certified Laboratory](#)
  - Able to conduct ISTA 1A, 3A, FedEx 6A and Amazon SIOC 6A (Ship In Own Container)

### Is Great Northern a member of Amazon's APASS Network?

Yes, as a member of Amazon's APASS network, our packaging engineers are on the forefront of e-commerce packaging standards and trends, including Amazon's Certified Frustration Free-Packaging requirements.

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## How to get Amazon certified?

You can start by contacting your account manager. Once the project scope has been qualified our team will work to design and test your packaging solution. Upon approval, you will receive a certification that confirms adherence to Amazon's requirements.

## What types of packaging material does Fiber Interior Packaging typically replace?

- Foams including: expanded polystyrene, aka eps or styrofoam, foam in a bag and foam in place
  - These foams
    - Cannot be easily recycled
    - Are not seen as environmentally responsible
    - Require more space because the parts do not nest
- Corrugated die-cuts
  - Highly labor-intensive
  - Not molded to fit contours of the item
  - Can require multiple parts
- Honeycomb
  - Parts do not nest and require more space
  - Not molded to fit contours of the item



## What are the advantages of using Great Northern - Packaging?

- Great Service
  - You will find fast response times and a team that can pivot to ensure you get your packaging even when unexpected situations occur.
- Great Reliability
  - You have our commitment to deliver the most consistent high-quality packaging every time.
- Great Expertise
  - Our packaging design experts maximize product performance and protection, while helping to reduce material and waste.

To learn more about our total package solution contact our experts today!

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