

Sustainable Packaging Optimization Services



Valued Quality. Delivered.



Packaging optimization has emerged as an important aspect of supply chain management. Many factors related to packaging must be taken into consideration when transporting finished product shipments from a manufacturing facility to a retailer's store shelf, including material choice, carton volume, design and production/assembly. In addition, today's manufacturers look for packaging options that are not only cost efficient and ensure safe transport of products, but that also have minimal impact on the environment.

Intertek's Sustainable Packaging Optimization Services evaluates the packaging of your products as well as the containers in which they are transported, proposing new packaging solutions to:

- ***Improve product protection without an increase in material cost or carton volume***
- ***Reduce packaging material costs and carton volume while ensuring the product is protected, ultimately increasing shipping container utilization and reducing your environmental impact***

Related services include:

- Packaging Materials Testing
- International Safe Transit Association (ISTA) Package Testing
- Intertek Green Leaf Mark for Consumer Products



The Challenge

Finding the appropriate type of packaging for your product can be difficult. Under-packaging can result in increased costs due to damaged products, lost sales and inefficient supply chains. Over-packaging your product can also run the risk of increased cost due to the need for additional packaging materials, freight charges due to larger loads and increased packaging disposal taxes. How does one find the right packaging solution that is cost-conscious and mindful of environmental impacts, while ensuring the protection of your product?

The Solution

Intertek provides our customers with solutions to reduce the use of packaging materials, reduce the environmental impacts of their packaging and optimize packaging design to save costs throughout the supply chain, while ensuring the protection of the product is not compromised.

Intertek experts review your product, packaging and the bill of material in order to conduct an assessment on the packaging configuration, various components and current design, ultimately identifying unused space and redundant materials. A new design is then generated and tested to industry standards, optimizing and reducing the cost and environmental impacts of each container.

Once the design is tested and verified, a project report is generated providing:

- New packaging technical designs and photos
- Before and after comparison table
- Container loading diagram

Intertek's Sustainable Packaging Optimization Services includes:

Packaging Evaluation and Re-Design

- Product protection
- Legislative considerations
- Waste prevention, reusability, recyclability and disposal

Packaging Optimization

- Improve product protection and reduce defective products
- Reduce packaging and transportation costs
- Improve container efficiency and reduce environmental impacts

Green Packaging Claim Certification & Testing

- Independently verified claims
- Scope based on packaging environmental characteristics
- International Safe Transit Association (ISTA) packaging testing

For more information please contact us at:

www.intertek.com/consumer/sustainability or contact.eis@intertek.com

Regional Contacts

Asia Pacific

Tel: +852 2173 8888

Email: eis.asia@intertek.com

North America

Tel: +1 630 481 3186

Email: eis.usa@intertek.com

Latin America

Tel: +1 305 513 3000

Email: eis.latam@intertek.com

EMEA

Tel: +33 2 32 09 36 36

Email: eis.europe@intertek.com

