

Intertek Hardlines Services

Safe Packaging Transit Testing (ISTA)

We provide comprehensive ISTA full-scope transit testing solutions to help ensure your packaging withstands transportation and handling throughout the supply chain.





About ISTA

International Safe Transit Association (ISTA) always devotes itself into development of effective package, method and logistics system, to improve the safety performance of transit packing of products, which can avoid or decrease loss of products in transit and handling. ISTA has issued a series of testing procedures and testing projects which are used as unified bases to evaluate the safety performance of transit packing.

A laboratory awarded with ISTA certificate has appropriate testing equipments and professionals to undertake ISTA transit packing performance test. The Professionals certified by ISTA can provide reliable data to the laboratory, and with the reliable data, quality control on transit packing of products can be carried out effectively.

With laboratories certified by ISTA or designated by world-class prominent brand retailers, Intertek provides testing services required by ISTA on dozens of packaged products, relevant testing services specific to corrugated paper containers and can also tailor product safety and performance tests according to customer's requirements. We follow development trend and standard requirement on shipment and packing at home and abroad, keeps on creation and provides confidence guarantee to modern logistics.

About Intertek

Intertek is a leading Total Quality Assurance provider to industries worldwide. Our network of more than 1,000 laboratories and offices and over 43,000 people in more than 100 countries, delivers innovative and bespoke Assurance, Testing, Inspection and Certification solutions for our customers' operations and supply chains. Intertek Total Quality Assurance expertise delivered consistently with precision, pace and passion, enabling our customers to power ahead safely.

About Intertek Thailand

Intertek Thailand was established in 1985 under the name "Inchcape", providing testing services for Softlines and Hardlines industries. In 1996, the company officially changed its name to "Intertek". In 1997, Intertek became the first accredited commercial laboratory in Thailand, reinforcing its commitment to quality, safety, and international standards.

Intertek Thailand operates a dedicated Transit Testing laboratory in Pathum Thani and is the only laboratory in Thailand capable of providing full-scope ISTA testing services.


Intertek's testing service items on packaged products based on ISTA requirements

Any Distribution Mode and Individual Packages		
150 lb (68kg) or less	Over 150 lb (68kg)	Basic Requirements
1A	1B	Fixed displacement vibration and shock
1C	1D	Compression conditioning, fixed displacement or random vibration, and shock
1G	1H	Random vibration and shocking
2A	2B	Atmospheric conditioning, compression, fixed displacement or random vibration, and shock
Small Parcel Delivery Mode and Individual Packages, 150 lb (70 kg) or less		
Test	Package Type	Basic Requirements
3A	Small, Standard, Flat and Elongated	Atmospheric conditioning (Optional), shock, and random vibration with & without top loads
Less-Than-Truckload (LTL) Delivery Mode		
Test	Package Type	Basic Requirements
3B	Standard	Atmospheric conditioning (Optional), shock, impact, and random vibration with top load
3B	Cylindrical	Atmospheric conditioning (Optional), shock, impact, and random vibration with & without top loads
3B	Palletized or Skidded	Atmospheric conditioning (Optional), shock, impact, random vibration with top load, tip/tip-over, and forklift handling
Any Distribution Mode and Unitized as a Single Load		
Test	Package Type	Basic Requirements
1E	Unitized	Vertical linear or random vibration and shock
3E	Unitized	Atmospheric conditioning (Optional), compression, random vibration and shock
Others		
Test	Package Type	Basic Requirements
2C	Furniture Packages	Atmospheric conditioning (Optional), random vibration with top load and shock
3F	Non-unitized, DC to Retail, 100 lb (45kg) or less	Atmospheric conditioning (Optional), compression, random vibration and shock
6-Samsclub	Packages for Sam's Club Distribution System Shipment	Atmospheric conditioning (Optional), compression, random vibration, shock and horizontal clamping
6-FedEx-A	Packages for FedEx Small Parcel Networks, Standard, Flat and Elongated	Compression, vibration and shock
6-FedEx-B	Packages for FedEx Express Freight shipping environment, weighing More Than 150 lb (68kg)	Compression, tip, vibration and shocking
6-Amazon.com-SIOC	Ships in Own Container (SIOC) for Amazon.com Distribution System Shipment	Atmospheric conditioning (Optional), vertical pressure, tip/tip-over, random vibration with/without top loads, shock, horizontal pushing clamping, and forklift handling
6-Amazon.com-OB	Over Boxing (OB) for Amazon.com Parcel Delivery Shipment	Atmospheric conditioning (Optional), random vibration, and shock



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