

ISTA TESTING CAPABILITIES

Atlantic Packaging's Packaging Solution Center creates proven standards for load containment and is a Certified Testing Laboratory member of the International Safe Transit Association (ISTA).

ISTA 1 Series | Non-Simulation Integrity Performance Tests

These tests determine the integrity of a product and package combination without simulating transit conditions. Results from these tests screen the feasibility of packaging types and set benchmark standards for quality.

- 1A, 1B, 1C, 1E, 1G, 1H

Most Common:

- ISTA 1A - Packaged Products 150lb (68kg) or Less
- Determines the capability of a package and product to withstand imagined transit hazards with vibration and shock profiles

ISTA 2 Series | Partial Simulation Performance Tests

These tests partially simulate transit conditions and are meant to help refine preliminary packaging designs.

- 2A, 2B, 2C

Most Common:

- ISTA 2A - Furniture Packages
- Partially simulates transit conditions for furniture with vibration and shock profiles





ISTA 3 Series | General Simulation Performance Tests

These tests fully simulate real-transit conditions and predict the risk of damage to your product and packaging.

- 3A, 3B, 3E, 3F, 3H, 3K

Most Common:

- ISTA 3A – Packaged Products for Parcel Delivery System Shipment 70kg (150lb) or Less
 - Simulates transit conditions for standard, small, flat, or elongated packages with various shocks and vibrations
- ISTA 3E – Similar Packaged Products in Unitized Loads for Truckload Shipment (Modified to focus on load stability)
 - Simulates full truckload (FTL) conditions on a unitized load as if it were traveling from manufacturing location to distribution center with various shocks, compressions, and vibrations

ISTA 6 Series | Custom ISTA Member Performance Tests

These tests simulate the unique distribution conditions of certain ISTA member businesses.

- 6-AMAZON.com, 6-SAMSCLUB, 6-FEDEX

Most Common:

- ISTA – FedEx Procedures for Testing Packaged Products 150lbs or Less
 - Various drops, compressions, and vibrations stimulate transit conditions in accordance with FedEx's transportation standards
- ISTA – 6-Amazon.com – Over Boxing
 - A general simulation for e-commerce fulfillment involving shocks and vibrations in accordance with Amazon.com's standards

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