

ISTA® TESTS ORGANIZED BY DISTRIBUTION MODE OR TYPE

QUICK REFERENCE

Any Distribution Mode and Individual Packages Weighing...

150 lb (68 kg) or Less	Over 150 lb (68 kg)	Basic Requirements
1A	1B	fixed displacement vibration & shock testing
1C	1D	fixed displacement or random vibration, shock testing and compression conditioning (optional atmospheric conditioning)
1G	1H	random vibration and shock testing
2A	2B	atmospheric conditioning, compression, fixed displacement or random vibration, and shock testing

Small Parcel Delivery Mode and Individual Packages

Test	Package Type	Basic Requirements
3A	70 kg (150 lb) or Less Small, Standard, Flat, Elongated	atmospheric conditioning, shock, and random vibration testing (with & without top loads)
7E	Thermal Performance	thermal testing for insulated shipping containers

Less-Than-Truckload (LTL) Delivery Mode

Test	Package Type	Basic Requirements
3B	Standard	atmospheric conditioning, shock, impact, random vibration with top load, tip/tipover
3B	Cylindrical	atmospheric conditioning, shock, impact, random vibration with & without top loads
3B	Palletized or Skidded	atmospheric conditioning, shock, impact, random vibration with top load, tip/tipover, fork lift 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, compression, random vibration, and shock testing

Any Distribution Mode and Reusable Systems

Test	Package Type	Basic Requirements
3H	Mechanically Handled Bulk	atmospheric conditioning, random vibration & shock testing (optional compression testing)

Other

Test	Package Type	Basic Requirements
2C	Furniture Packages	atmospheric conditioning, top load vibration, and shock testing
3F	Non Unitized DC to Retail 100 lb (45 kg) or Less	atmospheric conditioning, compression, random vibration, and shock testing
4AB	Varies	Web-based Enhanced Simulation Performance Test
6 Series-Member Performance Test	Varies	Requirements set by member. See 6 series section.