

"...ENSURE THAT YOUR PACKAGING SYSTEM PROTECTS YOUR PRODUCT..."

ESL MAIN

CLIMATIC

CORROSION

DYNAMIC

FACILITIES

MATERIALS

PACKAGE

PRESSURE

PACKAGE TESTING

Composites Atlantic's Environmental Simulation Lab has over fifteen years experience in testing packages, packaging components and packaged products.

We are an Int'l Safe Transit Association (ISTA) certified testing laboratory and sit on ASTM and CGSG packaging standards committees, including dangerous goods and infectious substances.

Testing your packaging can lower your risk of shipping damage and help optimize the packaging design. If you are shipping hazardous materials, package testing is a must, to ensure against accidental release of such substances.



Tests Performed:

- Vibration: Sine, random, or bounce.
 - Shock: Half sine, saw-tooth or trapezoidal pulses.
 - Drop: Transit drop, bench handling.
 - Impact: Drop-weight, pendulum.
 - Climate Hazards: Temperature, humidity, rain.
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- Mechanical Handling: Forklift handling, edge/corner drops, etc...

- Compression: Dead weight or machine testing at ambient and cold or hot conditions.
- Chemical Compatibility: At ambient or elevated temperatures.
- Leakage / Pressure: Positive and vacuum methods available.



"You can do the best job in the world of designing and manufacturing a product, but if you can't get it to the end user intact, your efforts are wasted. Rely on ESL's package testing expertise to help ensure your packaging system protects your product during the rigours of the shipping process. "

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