

Handle Cyclic Drop (Jerk) Testing

Cyclic drop testing is performed by suspending the filled package using a gripping device to hold the package by the handle. The filled package is dropped repeatedly with a hard stop until it fails. The drop distance varies based on the weight of the package. Heavier packages are dropped shorter distances. The drop distance is typically specified by the beverage producers. A typical drop distance for packages weighing less than 15-lbs is 1.5 inches. Packages weighing over 15-lbs are dropped 1.25". Soaking for wet jerk testing is the same as for handle integrity. Specifications for the minimum number of drops vary according to package weight.

