



Cold Chain Shipping System

# KODIAK NEWS

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## KODIAK PASSES THIRD PARTY VALIDATION TESTING

### ISTA 3G Structural and Thermal Tests at Packaging Technologies Inc.

On October 22<sup>nd</sup> 2000, Kodiak Technologies passed the International Safe Transport Association's recommended thermal profiles for temperature sensitive shipping containers. While not yet an industry standard, the ISTA 3G tests are representative of typical qualifying profiles. The test consisted of a series of temperature steps ranging from 22°C to 35°C over a three-day time period. During the thermal testing, the container is subjected to vibration and impact load tests.

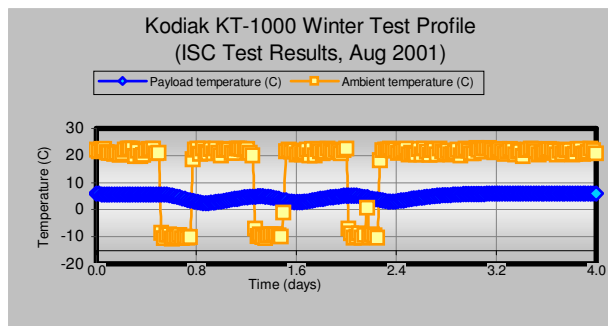


Vibration and Impact Load Testing Taking Place

### Kodiak Container Excels

During the month of August 2001, ISC, an industry recognized independent testing service, conducted a three part series of validation tests on the Kodiak KT-1000 refrigerated container. These tests included a summer profile test (30°C - 45°C), a winter profile test (25°C - minus 10°C), and a constant 30°C duration test. The Kodiak container maintained a 2°C to 8°C temperature range during the summer/winter test, and maintained internal temperatures below 8°C for over four days in the constant 30°C test.

The containers were placed into environmental chambers that can be programmed to simulate a range of ambient temperature and humidity profiles encountered during a product's transit or storage.



The Winter Test Profile



ISC labs in Phoenix, AZ