

TurboTag® RFID Monitoring Solutions



Time is money. And the ability to make timely decisions in cold chain management is critical. Loss due to improper handling or transport of perishable food and pharmaceuticals can mean hundreds of thousands of dollars; possibly even millions. The ability to effectively capture and interpret a shipment's temperature history can help to prevent these losses.

TurboTag® RFID Monitoring Solutions were designed by Sealed Air Corporation, along with technology partners, for temperature control assurance in the supply chain. Representing a cost/performance breakthrough in data logging, with unprecedented ease of data capture, TurboTag® solutions support timely and well-informed logistic decisions. We have engineered a data architecture that enables kinetic calculations for digital shelf life estimation alongside standard upper/lower temperature limit analysis

The cold chain distribution process is an extension of the cGMP environment that all drugs and biological products are required to adhere to, enforced by the FDA.

Therefore all processes that might impact the safety, efficacy, or quality of the drug substance must be Validated, including storage and distribution of the drug substance.

Performing thermal testing can also help with validating the cold chain.

Separate temperature data loggers measure temperatures within the product load to determine the response of the package to the test conditions.

As part of the cold chain approval design process APEX Packaging will submit your cold chain pack for verification and validation testing which will include:

ISTA, ASTM, ISO and NMFC Testing

Atmospheric Conditioning and Testing

Cold Chain Testing

Certification and documentation options available