



HeatWatch: This device indicates exposure to extreme temperatures above a specified threshold by changing from pink to red.

When you use ShockWatch Environmental Monitors, you can monitor the temperature of every shipment. You and your customers know whether your consumable products have been exposed to unacceptable temperatures — and whether the duration of exposure was long enough to compromise safety and desired characteristics during shipment or storage. You can also use the devices to monitor incoming shipments of raw materials, so you know whether your ingredients and raw materials are safe to use. These small, single-use devices adhere directly to the product or packaging and provide accurate, irreversible evidence of any temperature deviations.

Every type of perishable food and beverage requires careful handling. Use ShockWatch products to reliably monitor temperature and duration of temperature deviations so you can better determine the safety and quality of your goods as they move through the supply chain.

Benefits

- Reduces product damage and loss incurred during transportation and storage
- Provides psychological reinforcement to ensure handlers adhere to optimal temperature conditions
- Provides indisputable evidence of exposure to unacceptable temperature conditions
- Alleviates safety concerns surrounding bacterial growth, infection, and contamination while shipment is in transit
- Ensures compliance with health standards
- Ensures quality of the product throughout transportation cycle
- Identifies potential unacceptable product quality before delivery to end-user
- Alerts recipient to inspect contents before acceptance
- Ensures chain of accountability in storage and transportation
- Protects against/reduces warranty claims
- Identifies trouble spots in storage and transportation
- Increases customer satisfaction and provides a visible marketing edge

Features:

- Available in a wide variety of temperature thresholds
- Visible deterrent to mishandling
- Irreversible indicator — once activated, there is a permanent record of exposure
- Easily identify potential product spoilage from exposure to extreme temperatures
- Tamper-proof designs prevent concealment of activation/ response without obvious evidence of interference
- Easy to install with removal of adhesive backing
- Allows for a variety of placement options

HeatWatch

Product Code	32510	53°C
	32511	70°C

Series	ShockWatch
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Typical Applications

- Vaccines and pharmaceuticals
- Photographic chemicals and supplies
- Electronic components and products
- Frozen, refrigerated, and fresh food
- Live plants and animals
- Blood/plasma products
- Chemicals
- Adhesives

Instrument

Activation Temperature Exposure Time Period: Varies per activation temperature level based on exposure to a constant temperature of 2°C above the activation temperature

Size: 38.10 x 38.10 mm

Material: Metallic polyester film

Adhesive: 1mil Flexcon acrylic L-23

Storage Condition: Unused product must be stored in an environment with temperature below the activation temperature for optimal shelf life

Expiration Date: 2 years from date of manufacture