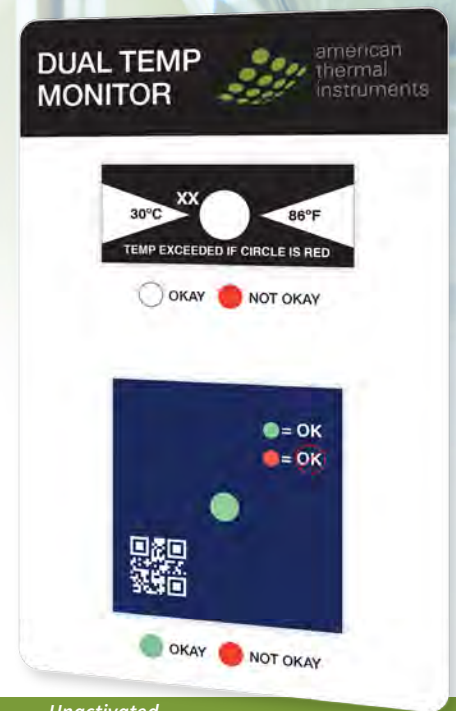# Dual Temperature Cards
Track a Temperature Range

ATI's dual card combines both an ascending and descending indicator, tracking if products have been exposed to a rising or lowering critical temperature.

Exposure to temperatures outside of a moderate range can compromise the quality of many products. The Dual Temperature Card gives you assurance of compliance, and proof of temperature excursions, all the way to the last mile. ATI designed the Dual Temperature Card for easy implementation and use. Irreversible color changing indicators will quickly turn to red at both the high or low response temperatures, providing a clear visual alert.

ADVANTAGES OF DUAL TEMP
For quality control and risk avoidance, you can:
- Easily track a specified temperature range
- Have a clear visual indication at the product or pallet level
- Customize the card with company branding or instructions

Unactivated

ATI's expertise lets you enforce controlled room temperature throughout your cold chain:

- Accuracy independently tested at ±2°C or tighter
- Ascending set point as high as 215.6°C, descending as low as 0°C
- Color transition within 1°C

To meet your precise needs, ATI provides customer solutions for specific response temperatures, size and graphics.

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Dual Temperature Cards

Track a Temperature Range

DIMENSIONS

55.57 mm

85.725 mm

Activated state shown above

SPECIFICATIONS

Ascending Response Temperatures *(tighter accuracies available)*	77°F/25°C through 170°F/76.7°C Accuracy: ±1°C or ±2 °C 180°F/82.2°C through 360°F/182.2°C Accuracy: ±2 °C 370°F/187.8°C through 420°F/215.6°C Accuracy: ±3°C
Descending Response Temperatures *(tighter accuracies available)*	59°F/15°C to 32°F/0°C Accuracy: ±2°C
Size	55.57 mm x 85.725 mm (custom sizes available)
Format	Adhesive or non-adheisve backed card

Indicator Display	Unactivated (not triggered):
	  Ascending: white
	  Descending: green
	Activated (triggered): red

Environmental	Non-hazardous,normal disposal (no glass components)
Activation	Self-activating
Storage	Between temperature range

EASILY PROTECT

The Dual Temperature Card provides convenient protection with minimal effort and expense:

- Self-activating irreversible indication
- No maintenance or training required
- Easily incorporated at the product-level or in a box
- Environmentally safe disposal

ATI's Dual Temperature Cards provides an accurate, economical alternative over electronic or battery powered systems for monitoring high and low temperature excursions.

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