

## ColdMark® Temperature Indicators

ColdMark indicators help you determine if your products have gone below an acceptable temperature. Without them, your product may be compromised from an unnoticed breach in your cold chain.



### How can you be sure that unacceptable temperature during transit has not compromised your product's quality and efficacy?

Temperatures can vary dramatically during transit. The cargo hold of an aircraft can be colder than you planned. Your product may encounter unexpected delays and be stored in less than ideal conditions.

ColdMark temperature indicators provide a cost-effective tool for monitoring the temperature of your package. They are single-use devices that provide accurate, irreversible evidence of a below threshold deviation. The ColdMark turns from clear to violet when the temperature goes below a predetermined threshold.

With the information you gather from these indicators, you can make smarter decisions across your cold chain.

#### Benefits

- Delivers irreversible evidence of exposure to unacceptable temperature conditions
- Provides cost-effective solution for last mile monitoring
- Enables easy accept/reject decisions to be made
- Assists in verifying the adequacy of the cold chain packaging
- Aids in compliance with regulatory guidelines



Unactivated



Activated

#### ColdMark Key Specifications

Temperature Threshold	-3°C / 26°F
	0°C / 32°F
	2°C / 36°F
	5°C / 41°F
	10°C / 50°F
Temperature Accuracy	± 1°C ± 2°F
Storage Conditions	Unused product must be stored above activation temperature and below 43°C / 110°F
Shelf Life	2 years from date of sale



This product contains Ethylene Glycol a chemical known to the state of California to cause birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov/product](http://www.p65warnings.ca.gov/product).