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COLDMARK FREEZE INDICATING LABELS

ColdMark is an irreversible temperature indicating label that provides an indication of temperature movement below a certain temperature threshold. Available in four models (-3°C, 0°C, 2°C, 5°C & 10°C), they utilize a chemically activated, irreversible dye color change that occurs when the monitored environment reaches a low threshold temperature (+/-1°C). ColdMarks require special thermal packaging with overnight shipping to prevent a false positive reading prior to use.

Storage: The shelf life of the Cold Mark is two years from date of manufacture. Store the ColdMark indicator in a temperature environment no colder than 5°C above the response temperature. Preconditioning is not required.

Application: Remove the liner from the pressure-sensitive backing, and secure the ColdMark on a clean, dry surface inside the shipping container or on the product.

Interpretation of Results: The appearance of violet color in the ColdMark bulb indicates that the specified low temperature has been reached. If the bulb remains clear and colorless, the environment in the monitored area has remained above the threshold temperature.

ColdMark Specifications

Temperature Accuracy	±1 °C/2°F
Shelf Life	Two Years from Date of Manufacture
Dimensions	3.25" x 0.75" x 0.375" (W x H x Thickness)
Backing	Pressure-Sensitive Adhesive with Peel-off Release Liner
Indicators per bag	100
Minimum Order	1 bag
Storage	Room Temperature (not to exceed 43°C/1 10°F) or Cool Storage (no colder than 5°C above response temperature)
Special Packaging Requirements	If Shipping Indicators Prior to Application Use, Thermal Packaging Protection Is Required to Prevent Possible Premature Indication in Cold Conditions