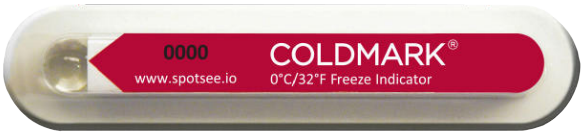
SpotSee®

ColdMark® Data Sheet



Unactivated

Activated

Key Specifications	
Indication Type	Visual, irreversible clear to violet color change
Activation Temperature Levels	Sensitivities available between -3°C and 10°C. See Product Selection table for details.
Temperature Accuracy	+1°C / +2°F
Activation Temperature Exposure Time Period	30 minutes or less
Product Life	2 years
Mounting Method	Pressure-sensitive adhesive
Storage Conditions	Unused product must be stored above activation temperature and below 43°C / 110°F
Dimensions	3.3 x 0.8 x 0.4in / 83.82 x 20.32 x 10.16mm
Weight (Varies by Sensitivity)	3.06g

Part Number	Activation Temperature
CM -3/-26	-3°C/26°F
CM 0/32	0°C/32°F
CM 2/36	2°C/36°F
CM 5/41	5°C/41°F
CM 10/50	10°C/50°F

ColdMark should be used when monitoring products that must be maintained at temperatures above a specified temperature.

SpotSee®

ColdMark® Data Sheet

Pressure-Sensitive Adhesive Data

Product Description

- High performance, acrylic pressure-sensitive adhesive (2 mil thick film) that provides excellent adhesion to most smooth surfaces
- Provides aggressive tack and high shear strength
- Excellent UV light stability and elevated temperature resistance

Physical Properties	Typical Values*
Quick Tack Stainless Steel	4.0 lbs./sq.in.
Peel Adhesion Stainless Steel - 30 minute residence	4.1 lbs./in.
Shear Stainless Steel - 1000 g/sq. in.@ 72°F	300+ hours to fail
Thickness Adhesive only	.002 inches

Temperature Range Guidelines

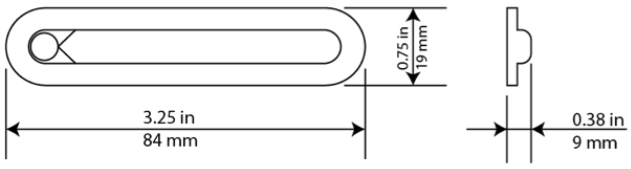
Application: Above 10°C/50°F for best performance

End Use: -40°C to 121°C/-40°F to 250°F

Chemical Resistance: Resistant to water, detergent, alcohol, aliphatic and some aromatic hydrocarbons. Not recommended for use in contact with active solvents such as ketones, esters, and some chlorinated hydrocarbons.

**Values given are typical and are not necessarily for use in specifications. Product reinforced with 2 mil PET during adhesion tests.*

How to Mount

- Temperature indicators are best suited for monitoring product or the controlled environment of the product.
- ColdMark descending temperature indicators are best used when mounted directly to the product being monitored or when placed inside the product shipper. Indicators should not be placed directly on gel packs, phase change materials, etc.
- In rare cases, temperature indicators are mounted on external packaging to monitor ambient temperature conditions.

Drawings