



Using the Freeze-Safe:

1. The Freeze-Safe indicator should appear clear prior to use. The Freeze-Safe does not require special arming to be ready to use. It is always active.
2. Remove the Freeze-Safe indicator from the roll and adhere the indicator to a clean, dry surface.
 - (a. The Freeze-Safe should be located as close to the product being monitored as possible and where it will be visible to the receiver of the monitored shipment.
 - (b. The Freeze-Safe can adhere directly to the product being monitored or located inside the packaging. Interpreting the Freeze-Safe: When the Freeze-Safe is exposed to temperatures below the stated activation temperature $\pm 1^{\circ}\text{C}^*$, the indicator will turn from clear to magenta.

The Freeze-Safe will respond according to the statement below:

- 0°C Full-color change within 30 minutes **TLCSEN548**
- 2°C Full-color change within 90 minutes **TLCSEN547**

- **Time Delay** Within 30 minutes (0°C)
- **Time Delay** Within 90 minutes (2°C)
- **Accuracy** $\pm 1^{\circ}\text{C}$ / $\pm 2^{\circ}\text{F}$
- **Size** 21 x 21 mm / 0.83" x 0.83"
- **Visual Indication** Clear to Magenta
- **Storage Requirements** Store unused products away from direct light between 15°C and 25°C / 59°F and 77°F
- **Shelf Life** 1 year

Storage Recommendations:

Freeze-Safe indicators should be stored out of direct light between 15 and 25°C / 59 and 77°F 0°C Within 30 minutes 2°C Within 90 minutes

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