User Guide

Freeze-tag

10 min below 0°C / +32°F

60 min below 0°C / +32°F

60 min below -0.5°C / 31.1°F

T82005472 [A] – updated 3/31/2026

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Document Purpose

This document provides detailed information about the Freeze-tag.

Monitoring of the Freezing Point

Internationally recognized symbols like the OK symbol and the ALARM symbol show the alarm state clearly. The Freeze-tag is a highly accurate electronic temperature indicator. It is 100% calibrated and has a measuring accuracy of ± 0.3°C. For monitoring freeze-sensitive goods such as vaccines, medicine, pharmaceutical, chemicals, dyes, etc. during transport and storage (single-use).

- Easy and Immediate Read Out
- Reliable – Exact – Good Value
- Long Shelf Life

Technical Specification

Freeze-tag 10 min below 0°C / +32°F

The Freeze-tag monitors the temperature of its environment and displays if there has been an exposure of below 0 °C / +32 °F for over 10 minutes.

The Freeze-tag monitors temperature exposure and not the product quality. Its purpose is to signal if product quality evaluation/testing is required.

Instructions for Use

1. Enclose the Freeze-tag with products that should be monitored.
2. Before reading, the Freeze-tag should be placed in an environment above freezing temperature for at least 2 minutes.
3. Observe the Freeze-tag and note which sign is shown on the display:

OK Display		Your product has not been exposed for more than 10 minutes to freezing temperatures.
ALARM Display		Your product has been exposed for more than 10 minutes to freezing temperatures. The ALARM sign is irreversible!

If the display remains blank, expose the Freeze-tag again at room temperature and wait at least 2 minutes. If the display is still blank, please check the expiry date (see Lot Code Explanation).

Freeze-tag 60 min below 0°C / +32°F

The Freeze-tag monitors the temperature of its environment and displays if there has been an exposure of below 0 °C / +32 °F for over 60 minutes.

The Freeze-tag monitors temperature exposure and not the product quality. Its purpose is to signal if product quality evaluation/testing is required.

Instructions for Use

1. Enclose the Freeze-tag with the products that should be monitored.
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OK Display		Your product has not been exposed for more than 60 minutes to freezing temperatures.
ALARM Display		Your product has been exposed for more than 60 minutes to freezing temperatures. The ALARM sign is irreversible!

If the display remains blank, expose the Freeze-tag again at room temperature and wait at least 2 minutes. If the display is still blank, please check the expiry date (see Lot Code Explanation).

Freeze-tag 60 min below -0.5°C / +31.1°F

The Freeze-tag monitors the temperature of its environment and shows you on the display if there has been an exposure of below -0.5 °C / +31.1 °F for over 60 minutes.

The Freeze-tag monitors temperature exposure and not the product quality. Its purpose is to signal if product quality evaluation/testing is required.

Instructions for Use

1. Enclose the Freeze-tag with the products that should be monitored.
2. Before reading, the Freeze-tag should be placed in an environment above freezing temperature for at least 2 minutes.
3. Observe the Freeze-tag and note which sign is shown on the display:

OK Display		Your product has not been exposed for more than 60 minutes to temperatures below -0.5 °C.
ALARM Display		Your product has been exposed for more than 60 minutes to temperatures below -0.5 °C. The ALARM sign is irreversible!

If the display remains blank, expose the Freeze-tag again at room temperature and wait at least 2 minutes. If the display is still blank, please check the expiry date (see Lot Code Explanation).

Storage

Store the Freeze-tag in a controlled environment from +4 °C to +50 °C / +40 °F to +122 °F. The Freeze-tag is always active.

T82005472 [A] – updated 3/31/2026

Lot Code Explanation

Example: EXP/LOT 2008-05/A

In this example the expiry date of the Freeze-tag is May 2008 (2008-05). The same number is used as a production lot number. The alphanumeric characters are a code used by the factory only.

T82005472 [A] – updated 3/31/2026