

# Timestrip® PLUS

## Time and Temperature Indicators

**How long has my product been kept above its maximum recommended storage temperature?**

Your product quality can be compromised by exposure to elevated temperatures during transit or storage. It is not always enough to know that a single event has occurred.

What if you need to know how long your product spent above a defined temperature? What if your product can tolerate a number of exposures to an elevated temperature provided they are short lived?

Timestrip® PLUS indicators provide simple, quick and cost effective answers. They indicate elapsed time at or above a specified threshold temperature. For example, the Timestrip® PLUS 8°C/46°F indicates if temperatures have reached 8°C/46°F or above and shows the length of the breach up to a maximum of 12 hours.

Timestrip® PLUS indicators can be attached directly to a product, package or shipment, are inert until activated, and are irreversible.

## Benefits & Features

**Cost-Effective** – Timestrip® PLUS is a low cost solution that requires no power. It is a cost effective and practical replacement for data loggers.

**Flexible Use & Storage** – Timestrip® PLUS is inert until activated so it can be stored at room temperature and activated when required in the field. Products with thresholds from -20°C to +20°C can be activated at room temperature and do not need pre-conditioning.

**Long Monitoring Time** – Timestrip® PLUS continues to monitor for weeks to months after activation. The indicators have a 2 year shelf life.

**Reliable Evidence** – Timestrip® PLUS indicators are single use, irreversible and accurate to within +/-1°C/2°F. They can be kept for an audit trail.

**Quality Assured** – Timestrip® PLUS is manufactured to ISO9001, is process and batch validated and each indicator has a unique serial number for customer use. It is patented, safe and disposable.

## Using a Timestrip® PLUS

Activate a Timestrip indicator by squeezing the blister filled with liquid dye. The temperature indicators show you the product is “ON” after activation. Once a temperature threshold is breached, the indicator window fills with dye, showing the cumulative time the indicator was exposed to excessive temperatures.



active indicator



triggered indicator

## Frozen



-20°C/-4°F  
TP170



-14°C/6°F  
TP058



0°C/32°F  
TP077

## Cold Chain



8°C/46°F  
TP065



8°C/46°F  
TP175

## Standard Range

Timestrip® PLUS is available for temperature thresholds between -20°C and +38°C (-4°F to 100°F).

The products shown are held in stock or are available subject to minimum order quantities. Other ascending temperature thresholds and/or different time markers may be possible as customised orders.

**Timestrip PLUS can be customised with brand colours, logos, breach durations and temperatures. Contact us today to learn more.**



10°C/50°F  
TP153



10°C/50°F  
TP176



10°C/50°F  
TP359

## Ambient & Extreme Room Temp



25°C/77°F  
TP217



30°C/86°F  
TP136



38°C/100°F  
TP171