



To solve problems caused by:



Temperature variations



Climatic conditions

## Temperature indicators

The simple to use indicators offer precise monitoring of time since activation or length of a temperature breach.

Timestrip indicators are activated by a simple squeeze of button. The modern design allows users to gather data with a glance. Adhesive backing on the small indicators make it simple to attach to the product, shipment or item to be monitored.

Timestrip irreversible temperature indicators monitor the length of temperature from -20°C to 38°C. There are three specialty lines of temperature monitoring labels that have been created for the Food, Pharma and Blood Industries:

- **Timestrip Plus**, Monitoring a range of ascending temperature thresholds from -20°C to 38 °C for cold chain monitoring in food, pharma, healthcare and life sciences industries.
- **Timestrip Food Temp** indicators monitor food for temperatures from 3°C - 10°C.
- **Timestrip Blood Temp** indicators monitor the temperature of blood products during transport and storage. The Blood Temp 10 is a FDA 510(k) approved medical device for 10°C monitoring of blood bag transportation.





Main field of application for Timestrip indicators:

- **Food and Seafood** - Time-Temperature indicators (TTIs) that have been specifically developed for food shipping and storage.
- **Life Sciences** - Temperature indicators curated for the life science industry.
- **Pharma** - Time and Temperature indicators for the pharmaceutical industry.
- **Healthcare** - Temperature indicators for the healthcare and blood product industries.

### FOOD & SEAFOOD

Timestrip Food TTIs are a simple solution for food safety compliance and cold chain temperature monitoring. The user friendly and cost effective indicators are used worldwide by a number of leading brands in food services and shipping.

Food and Seafood temperature indicators are perfect for seafood, shellfish and food shipping with monitoring ascending temperatures 3°C, 5°C, 8°C & 10°C.

In particular Timestrip 3°C, developed following the FDA regulations, can be used for proof of temperature breach in reduced oxygen packaging shipments.



Seafood 5°C – 19mm x 35mm  
2 – 4 hour run-out window  
Activation blister on top

For fresh fish, food.



Seafood 8°C – 19mm x 35mm  
2 – 4 hour run-out window  
Activation blister on top

For fresh fish, food.



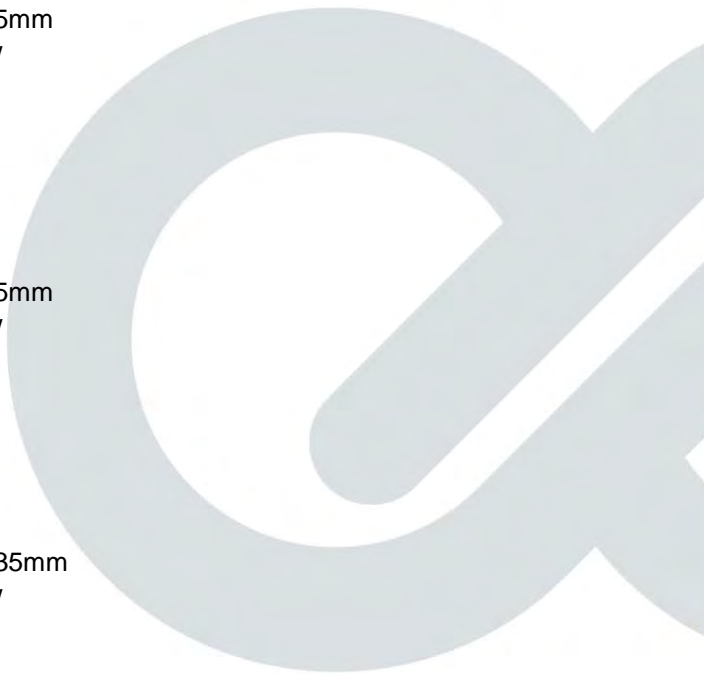
Seafood 10°C – 19mm x 35mm  
2 – 4 hour run-out window  
Activation blister on top

For fresh clams, oyster, food.



Seafood 3°C – 19mm x 35mm  
2 – 4 hour run-out window  
Activation blister on top

Developed following the FDA directives to control for the hazard of non-proteolytic *Clostridium botulinum* growth and toxin formation in reduced oxygen packaged (ROP) seafood.







Timestrip Plus 170 -20°C  
19mm x 40mm  
8 hour run-out window  
Activation blister on top  
For dry ice shipments.



Timestrip Plus 058 -14°C  
19mm x 40mm  
24 hour run-out window  
Activation blister on top  
For deep freeze and shipments.



Timestrip Plus 099 0°C  
19mm x 40mm  
12 hour run-out window  
Activation blister on top  
For frozen transport.



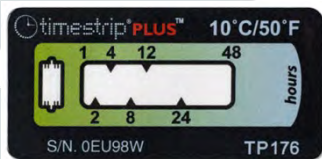
Timestrip Plus 065 8°C  
19mm x 40mm  
8 hour run-out window  
Activation blister on top  
For fridge, pharma shipments.



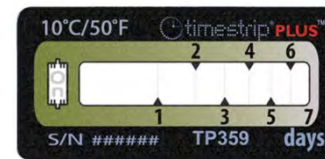
Timestrip Plus 175 8°C  
19mm x 40mm  
48 hour run-out window  
Activation blister on top  
For fridge, pharma shipments.



Timestrip Plus 153 10°C  
19mm x 40mm  
8 hour run-out window  
Activation blister on top  
For fridge, pharma ward use.



Timestrip Plus 176 10°C  
19mm x 40mm  
48 hour run-out window  
Activation blister on top  
For fridge, pharma ward use.



Timestrip Plus 359 10°C  
19mm x 40mm  
7 day run-out window  
Activation blister on top  
For fridge, pharma ward use.



Timestrip Plus 365 20°C  
19mm x 40mm  
2 hour run-out window  
Activation blister on top  
For controlled room temperature.



Timestrip Plus 217 25°C  
19mm x 40mm  
12 hour run-out window  
Activation blister on top  
For controlled room temperature.



Timestrip Plus 136 30°C  
19mm x 40mm  
12 hour run-out window  
Activation blister on top  
For controlled room temperature.



Timestrip Plus 171 38°C  
19mm x 40mm  
8 hour run-out window  
Activation blister on top  
For extreme room temperature.

Timestrip Plus temperature indicators are used in the following industries: life science, pharma, healthcare e food. Indicators dimension is 19 mm x 40 mm and they all have activation blister on top.

### LIFE SCIENCES

In Life Sciences, Timestrip indicators application is in particular in pharma, biotechnology, biomedical device production industries and healthcare services. In this last field, specifically, Timestrip indicators are a simple solution to help healthcare workers, since they offer invaluable visual aids to medical staff and patients.



### PHARMA

It is a range of products for the medical and pharmaceutical sectors, offering invaluable visual aids to doctors, patients and healthcare workers. Timestrip® indicators clearly indicate whether a product is within its date and/or temperature parameters and therefore acceptable to use.

Moreover they visually show how long a temperature controlled drug shipment was exposed to unsafe temperatures or how much time is left before a pharma product is out of date.

In addition to the **Timestrip Plus** range previously shown, in the pharma industry it is also often used **Timestrip Complete Card** that simultaneously monitors ascending and descending breaches on a Convenient carrying card.

Perfect for 2 -8 °C cold chain monitoring.



### HEALTHCARE

Healthcare industry necessities are more or less the same as those we find in the pharma field. Here the main need is to monitor blood products, since their temperature exposure cannot go over 6°C and 10°C.

Timestrip has developed a special range dedicated to this application with Blood temp 6 and Blood temp 10 indicator (this one FDA approved):

Blood Temp 6 - 6°C  
19mm x 32mm  
2 – 4 hour run-out window  
Activation blister on top and activation indication

For blood storage.

Blood Temp 10 - 10°C  
19mm x 32mm  
2 – 4 hour run-out window  
Activation blister on top and activation indication

For blood storage.

