Timestrip®Food Temp™

Ascending Temperature Indicators

TP252 Food 5 °C/42 °F Data Sheet

Food 5 °C/42 °F records how long your product has been exposed to temperatures of 5 °C/42 °F or above. Activate, chill at 3°C/+37°F or below for for a minimum of 1 hour and it is ready to begin monitoring. It will record up to 4 hours of breach of 5 °C/42 °F during the transport/storage monitoring period.

Instructions for Use

1. Inactive

2. Active monitoring

3. 5 °C breached for 4 hours

1. Activation: The indicator must be at 5 °C/42 °F or more to activate. Fully squeeze the button between thumb and finger. A blue line and ON will appear. Within 5 minutes, place the indicator below 3°C/+37°F for a minimum of 2 Hours. This will arm the indicator so it can begin to monitor temperature. If the item or carrying card is already below 3°C/+37°F, the indicator can be stuck to it directly after activation.

In the unlikely event that an indicator shows blue before you activate it, there is no need to contact customer service. Simply discard and take a new one. 1 or 2 products per 100 count are always provided free of charge.

2. Monitoring: Once the indicator is armed, as long as temperatures stay below 5 °C/42 °F the blue dye will not progress to the white window. No breach has occurred.

3. Breached: Every time the temperature breaches 5 °C/42 °F the blue dye will move across the white window and record the cumulative time spent in breach. The indication window will show breach of 2 - 4 hours. The progress of the blue dye is irreversible but it will stop each time the temperature drops to 3°C/+37°F or less.

Specification

Type	Irreversible, single use
Temp	Temp Threshold: +5 °C/42 °F Stop Temp: 3°C/+37°F
Breach window	4 Hours 2 - 4 hour markers
Activation Feature	A manual activation button on the top – the 'On' window turns blue to confirm it is armed.
Indication	The duration of all temperature breaches is shown by how far the blue colour has progressed along the time markers.
Accuracy of Temperature	+/-1 °C/2 °F
Accuracy of Time	+/- 15% in isothermal conditions
Shelf Life	2 years.

Adhesive	Pressure sensitive, finger lift, silicon liner
Size	35 mm x 19mm
Quality Assurance	Produced under ISO9001:2008
Recommended Storage	Room temperature: 22 °C/72 °F at 20-80% humidity. Cool dark environment
Packaging	100 indicators per bag Labelled with expiry and batch number
Shipping Package Requirements	No special requirements as inert until activated
Protection	Splash proof
Control	Unique serial number on each indicator
Product Construction	The indicator is constructed of polymeric assembly multilayer and aluminium-plastic laminate. It encapsulates coloured liquid chemicals. All materials are non-toxic, latex, silicon and PVC free.