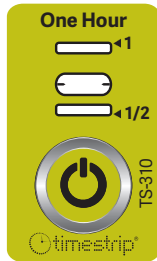


# Product Specification

## Timestrip® 1 Hour Room temperature

### Button On Top

#### TS-310



#### General:

Each Timestrip® indicator is a small, self-adhesive label that can be attached to or integrated into a product, package or carrying card\* (\*see adhesive specification in Appendix 1 below for further details). It monitors elapsed time and indicates when key time markers and a pre-defined elapsed time have been reached. The indication of elapsed time is irreversible. Indicators can be made for many different temperature environments, but each product is calibrated for use in a specific temperature environment.

Timestrip® 1 hour is calibrated for use at room temperature. Using this product in other temperature environments may affect its performance.

#### How to use:

Timestrip® indicators are completely inert prior to activation and can be stored at room temperature.

To activate fully squeeze the button and within 2 minutes the word ON will appear. If not, immediately re-squeeze the button fully. When ON appears, the indicator is armed and ready to use. The blue dye will continue to progress until the maximum elapsed time has been reached.

#### I) Performance Specifications:

- Run-Time: 1 Hour
- Calibration temperature: 22 °C ± 1 °C

- Accuracy: ± 15 % in time under isothermal conditions

- Progress Isotherms: See Fig. 1

- \*Activation Force: 5 ± 2 kgf

\* Activation is applied by firmly squeezing the blister (In case the word ON doesn't appear within 2 minutes re-squeeze the blister).

#### II) Product Specification:

- Button Position: Button on Top Layer (BOT)
- Colour of Progressing Front: Blue
- Adhesive: #2641, Pressure sensitive, -40 °C to +110 °C, Finger lift –See Appendix 1
- Graphics: See Fig. 2
- Product drawing: See Fig. 3
- Usage: The usage of the product in any assembly or production line must be agreed upon in advance, as it may alter performance specifications.

#### III) Product Construction:

The indicator is constructed of a polymeric assembly multilayer and aluminium-plastic laminate. It encapsulates coloured oils.

\* All materials are non-toxic, latex, silicon and PVC free.

#### IV) Packaging & Presentation:

Bag of 500 units

#### V) Storage Conditions (un-activated):

- Store in cool dark environment
- Recommended: 22 °C/72 °F at 20-80% RH
- Please note that before activation, the product can tolerate short term exposure during transit (hours or a few days) to temperatures in the range -30 °C to +55 °C. However, long term storage should be under recommended conditions.

#### VI) Shelf-life:

- 2 Years from date of manufacture (MD). The MD is stated on each pack.