

Technical Data Sheet

INDICATOR TAPE For Monitoring Vaporized Hydrogen Peroxide (VH₂O₂) Processes ISO 11140-1 Type 1



True Indicating Code: CPRY-1T

Product Description

True Indicating Vaporized Hydrogen Peroxide (VH_2O_2) Indicator Tape is film based, contains no lead or other toxic heavy metals and is latex free. The Tape is intended for use with individual units (e.g. Packs, containers) to indicate that the unit has been directly exposed to a VH_2O_2 process and to distinguish between processed and unprocessed units. The Indicator Strips color transition from Red to Yellow matching the Yellow reference dots once exposed.

Physical Properties

| Process | VH ₂ O ₂ / Plasma |
|--------------------|---|
| Tape Dimensions | 19 mm x 55 m (0.75" x 60 yards) |
| Packaging | CPRY-1T: 12 Rolls/Case CPRY-1T-R: 1 Roll |
| Chemical Indicator | Initial Color: Red Signal Color: Yellow |

Indications for Use

The Indicator Tape is intended to monitor VH_2O_2 sterilization processes utilizing ≥ 2.3 mg/L of VH_2O_2 . The Indicator Tape may not be suitable for monitoring disinfection processes.

Type 1 Process Indicator Requirements:

2.3mg/L at 50°C for 6 minutes

Instructions for Use

Use a minimum of a three (3) inch / eight (8) cm section of tape to close packages/items intended for VH_2O_2 sterilization. Process packages/items as instructed in the sterilizer validation or manual.

Upon exposure to VH_2O_2 the stripes of Indicator will transition from Red to Yellow matching the Yellow reference dots. The transition color may vary depending on the load configuration, length and conditions of exposure. A color transition of the stripes from Red to a shade of Yellow provides indication of exposure to VH_2O_2 .

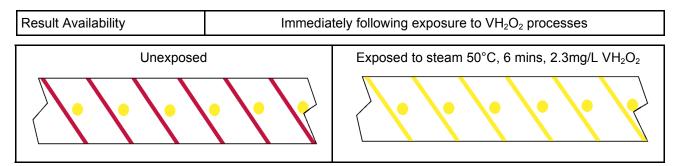
The chemical reaction which causes the color transition is a VH₂O₂ specific reaction and is irreversible.





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Performance Characteristics



Colors shown are representations of printed ink initial and signal colors but may vary from actual use.



The signal color achieved from exposure to VH_2O_2 may vary from the example above due to differences in processing parameters (i.e. load content, cycle time, temperature, etc.). For a Type 1 Process Indicator, an Orange/Yellow color change produced during exposure to VH_2O_2 which is different from the initial color is considered acceptable.

Compliance

ISO 11140-1:2014 Sterilization of health care products – Chemical indicators Part 1: General requirements for Type 1 Chemical Process Indicators

Shelf Life and Storage

| 15°C 30°C | 15°C to 30°C | 淡 | Keep away from sunlight |
|------------|---|---------------|-------------------------|
| 20% | 20% to 80% Relative Humidity | ** | Keep Dry |
| | 3 years from the date of manufacture. | | |
| Shelf Life | The date of manufacture is based on the day the indicating ink is applied to the substrate. The remaining shelf life upon receipt will be shorter than 3 years. | | |
| À | Do not store near sterilants. Do not use after expiration date. Do not use the product if the indicator has transitioned from to Yellow prior to use. | | |

Disposal

Discard as general waste.



www.trueindicating.com