



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 (VH₂O₂) 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 VH₂O₂ 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 VH₂O₂ sterilization processes utilizing $\geq 2.3\text{mg/L}$ of VH₂O₂. 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 VH₂O₂ sterilization. Process packages/items as instructed in the sterilizer validation or manual.

Upon exposure to VH₂O₂ 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 VH₂O₂.

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





Technical Data Sheet

Performance Characteristics

Result Availability	Immediately following exposure to VH_2O_2 processes
<p>Unexposed</p>	<p>Exposed to steam 50°C, 6 mins, 2.3mg/L VH_2O_2</p>

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 to 30°C		Keep away from sunlight
	20% to 80% Relative Humidity		Keep Dry
Shelf Life	<p>3 years from the date of manufacture.</p> <p>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.</p>		
	<p>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.</p>		

Disposal

Discard as general waste.

