



VAPORIZED HYDROGEN PEROXIDE INDICATOR TAPE For Monitoring Vaporized Hydrogen Peroxide Sterilization

Crosstex Code: TAP-H48

Product Description

Crosstex Vaporized Hydrogen Peroxide (VH₂O₂) indicator tape is manufactured using ink which contains no lead or other toxic heavy metals. TAP-H48 is designed 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 color transitions from red to yellow.

The latex-free adhesive is specially designed to adhere to Tyvek®, plastic, and various non-woven materials.

Physical Properties

Process	VH ₂ O ₂
Tape Dimensions	19 mm x 55 m (0.75" x 60 yards)
Roll Outer Diameter	114 mm (4.5")
Packaging	48 Rolls/Box, or single rolls
Chemical Indicator	Initial Color : Red Signal Color : Yellow Chemical Indicator contain no lead or other toxic heavy metals.

Intended Use

The indicators are intended to monitor VH₂O₂ sterilization processes utilizing ≥ 2.3 mg/L of VH₂O₂. The indicator tape may not be suitable for monitoring disinfection processes.

Class 1/Type 1 Process Indicator Requirements:



- 2.3 mg/L at 50°C for 6 minutes

Instructions for Use

Use a three (3) inch section (at a minimum) of tape to close packages/items intended for VH₂O₂ sterilization. Process the packages/items as instructed in the sterilizer validation or manual.

Upon exposure to VH₂O₂, the chemical indicator will transition from red to a shade of yellow. The transition color may vary depending on the load configuration, length and conditions of exposure. A color transition from red to a shade of yellow provides indication of exposure to VH₂O₂.

Performance Characteristics

Result Availability	Immediately following exposure to VH ₂ O ₂ processes
Unexposed*	Exposed to 50°C, 6 minutes, 2.3 mg/L VH ₂ O ₂ *
	

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

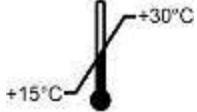







The signal color achieved from exposure to VH₂O₂ may vary from the example above due to differences in processing parameters (i.e. load content, cycle time, temperature, etc.). For a Type 1 Process Indicator, any color change produced during exposure to VH₂O₂ which is different from the initial color is considered acceptable.

Compliance

ISO 11140-1:2014 Sterilization of health care products – Chemical Indicators- Part 1: General Requirements

Storage and Shelf-Life

	15°C to 30°C		Keep away from sunlight
	20% to 70% relative humidity		Keep dry
Shelf-life	3 years from the date of manufacture 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		Do not reuse
	Do not use the product if the indicator has transitioned from red to yellow. Keep away from sterilants. Do not use after expiration date		

Disposal

Discard as general waste.