

VAPORISED HYDROGEN PEROXIDE (VH₂O₂ / PLASMA) INDICATOR TAPE For Monitoring Hydrogen Peroxide Sterilisation Processes

Excelsior Code: TAP-H-E



Product Description

Excelsior Vaporised Hydrogen Peroxide (VH₂O₂) indicator tape contains no lead or other toxic heavy metals and is latex free. The tape is intended for use with individual units (eg. 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 colour transitions from red to yellow.

Physical Properties

Process	VH ₂ O ₂ / Plasma
Tape Dimensions	19mm x 55m (0.75" x 60 yards)
Packaging	12 Rolls
Chemical Indicator	Initial Colour: Red Signal Colour: Yellow Chemical Indicator Inks contain no lead or other toxic heavy metals

Indications for Use

The indicators are intended to monitor VH₂O₂ sterilisation processing, utilising $\geq 2.3\text{mg/L}$ of VH₂O₂. The indicator tape may not be suitable for monitoring disinfection processes.

Class / Type 1 Process Indicator Requirements :

- 2.3mg/L at 50°C for 6 minutes.

Instructions for Use

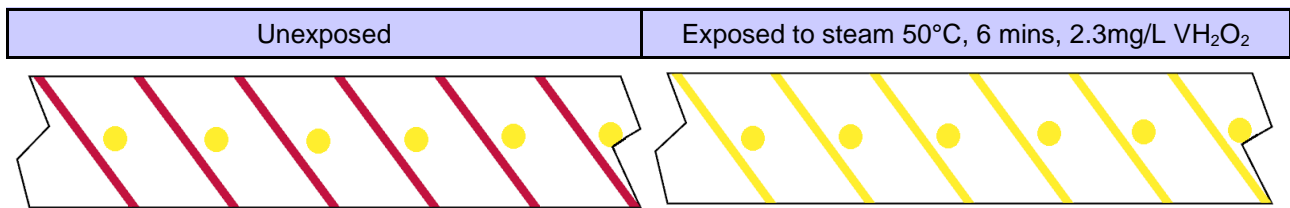
Use a minimum of a three (3) inch / eight (8)cm section of tape to close packages/items intended for VH₂O₂ sterilisation. Process packages/items as instructed in the steriliser validation or manual.

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

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

Performance Characteristics

Result Availability	Immediately following exposure to VH ₂ O ₂ processes
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***Colours shown are representations of printed ink initial and signal colours but may vary from actual use.**



The signal colour 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, a colour change produced during exposure to VH₂O₂ which is different from the initial colour 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	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.