CHEMICAL INDICATOR STRIP
For Monitoring Vaporized Hydrogen Peroxide Sterilization Processes (CLASS 4 / TYPE 4)

Crosstex Code: GPS-250R

Product Image

Product Description

Crosstex Chemical Indicator Strips, GPS-250R, are 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 color transitions from pink/red to blue.

Physical Properties

<table>
<thead>
<tr>
<th>Process</th>
<th>VH₂O₂</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicator Strip Dimensions</td>
<td>101 mm x 16 mm (4” x 0.625”)</td>
</tr>
<tr>
<td>Packaging</td>
<td>250 Strips/Box</td>
</tr>
</tbody>
</table>
| Chemical Indicator       | Initial Color : Pink/Red  
                          | Signal Color : Blue       |

Intended Use

The indicators are intended to monitor all cycles within the STERRAD® 100S, 200, NX, 100NX, and STERIS® V-PRO® vaporized hydrogen peroxide sterilizers. The VH₂O₂ Indicators are intended to be used with sterilization wraps, containers, cassettes, rails or pouches to distinguish between processed and unprocessed units for both Healthcare and Industrial applications.

Class 4/Type 4 Multi-critical Process Variable Indicator Stated Value:

- 2.3 mg/L ± 0.4 mg/L of VH₂O₂ at 50°C for 6 minutes
Instructions for Use

Use a strip in each pack, peel pouch, or tray to be VH₂O₂ sterilized. Process packages/items as instructed in the sterilizer validation or manual.

Upon exposure to VH₂O₂, the chemical indicator will transition from pink/red to a shade of blue. The transition color may vary depending on the load configuration, length and conditions of exposure. A color transition from pink/red to a shade of blue provides indication of exposure to VH₂O₂. If signal color is not achieved, this suggests ideal sterilization conditions may not have been met. Colors other than blue such as yellow/green should be treated as a process failure. Determine if the load was successfully sterilized by examining the biological indicator, or re-sterilize the load using a new strip.

The endpoint color (blue) of the indicator will remain stable for a minimum of 45 days from the date of processing when stored according to the products labeled storage conditions.

Performance Characteristics

<table>
<thead>
<tr>
<th>Result Availability</th>
<th>Immediately following exposure to VH₂O₂</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unexposed*</td>
<td>Exposed to 2.3 mg/L ± 0.4 mg/L of VH₂O₂ at 50°C for 6 minutes*</td>
</tr>
</tbody>
</table>

potential fail color

*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.).

Compliance

ISO 11140-1:2014 Sterilization of health care products – Chemical Indicators - Part 1: General Requirements for Type 1 Chemical Process Indicators & Type 4 Multi critical Process Variable Indicators
### Storage and Shelf Life

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Relative Humidity</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>+15°C to +30°C</td>
<td>20% to 70%</td>
<td>Keep away from light sources</td>
</tr>
<tr>
<td>70%</td>
<td></td>
<td>Keep dry</td>
</tr>
<tr>
<td>20%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Shelf Life

- **2 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 2 years.

- **Do not reuse**

- **Keep away from sterilants, alkaline chemicals and acids. Do not use after expiration date.**

- **Do not use the product if the indicator has transitioned to a blue color prior to use.**

### Disposal

Discard as general waste.

---

STERIS® and V-PRO® are registered trademarks of the STERIS Corporation.

STERRAD® is a registered trademark of Advanced Sterilization Products, Division of Ethicon US, LLC.