

# TYPE 4 CHEMICAL INDICATOR FOR HYDROGEN PEROXIDE



## TYPE: LCH40

VERSION: 2024.09.01

### PRODUCT DESCRIPTION

The LISTER LCH40 Type 4 Chemical Indicator Strip is a chemical indicator consisting of a non-cellulose based coated indicator strip sensitive to vaporized hydrogen peroxide. The chemical indicator strip is an easy-to-handle internal pack monitor for vaporized hydrogen peroxide sterilizer cycles. The LISTER LCH40 CI verifies that the stated values for the two critical parameters of exposure time and concentration of vaporized hydrogen peroxide have been achieved within a package or containment device (i.e. wrapped trays, rigid containers, sterilization pouches, and other types of packs) and/or at a specific location within the load or empty chamber.

### INDICATIONS FOR USE

Use the LISTER Chemical Indicator for VH2O2 LCH40 as an internal pack process indicator to verify exposure to vaporized hydrogen peroxide in the sterilizers. The chemical indicator bar turns from red to yellow after exposure to vaporized hydrogen peroxide.

### INSTRUCTIONS FOR USE

1. Carefully tear or use scissors at the tear notch at the top of the package to make the initial opening. Remove only the number of LISTER LCH40 needed. Reseal the package.
2. Before use, confirm that the unprocessed chemical indicator is red. If it is not red, do not use.
3. Place the LISTER LCH40 in each peel pouch or pack to be processed.
4. Do not place the LISTER LCH40 directly on top of instruments. If possible, place the indicator in such a manner as to avoid direct contact with instruments.
5. Process the load according to the manufacturer's instructions.
6. After processing, the red spot changes to the color of the color match or yellow. If the color change is not complete, inadequate exposure to vaporized hydrogen peroxide is indicated. The pack should be returned for reprocessing.

### STORAGE

Store at normal room temperature 10-40°C and 10-80% RH. Keep in dark. Do not store near strong alkaline or acidic products such as cleaning/disinfection agents.

### SHELF LIFE

The expiration date is printed on the package.

### DISPOSAL

Discard chemical indicators after use along with paper waste, according to your country's healthcare and safety regulations.

### RESULT REFERENCE GUIDE

	<b>UNPROCESSED</b>
	<b>FAILURES</b>
	One or more sterilization parameters were not achieved. The materials cannot be considered sterile and must be processed again.
	The main failure causes are: Inadequate cycle duration Improper cycle selection Overloading / incorrect loading of the sterilizer Sterilizer malfunction Blocking indicator with large metal mass
	<b>PROCESSED AND SATISFACTORY</b>

**NOTE:** Reference colors exhibited in printed prospects and boxes, do not necessarily represent the real color as shown in the actual indicators.

