

TYPE 4 CHEMICAL INDICATOR FOR ETHYLENE OXIDE



TYPE: LCE50

VERSION: 2024.10.30

PRODUCT DESCRIPTION

The LISTER LCE50 Type 4 Chemical Indicator for Ethylene Oxide is a paper strip 1.7 cm wide by 10 cm long printed with a chemical indicator ink that turns from red to blue when exposed to critical parameters of the ethylene oxide sterilization process (i.e., gas concentration, RH, time and temperature), offering immediate visual results. The chemical indicator strip is an easy-to-handle internal pack monitor for all warm and cool cycles of 100% EO and EO/HCF (hydrochlorofluorocarbon) gas mixture sterilizer cycles.

INDICATIONS FOR USE

The LISTER LCE50 Chemical Indicator is designed for use as an internal pack monitor. Can be used in either 100% EO or EO/HFCF gas mixture cycles.

INSTRUCTIONS FOR USE

- Carefully open package. Remove only the number of LCE50 Chemical Indicators needed. Reseal the package.
- Place a LCE50 Chemical Indicator Strip inside each pack, peel pouch, container system, or tray to be EO sterilized in the area determined to be the least accessible to EO penetration.
- After processing, the red chemical indicator line will turn blue when exposed to ethylene oxide.

STORAGE

Store at normal room temperature 10-40°C and 10-80% RH.
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

	UNPROCESSED
	FAILURES
	One or more sterilization parameters were not achieved. The possibility of unit sterilization failure is high, and the release of this unit should be determined based on the results of BI and risk assessment, and the sterilizer should be inspected.
	The main failure causes are: Inadequate cycle duration Improper cycle selection Overloading / incorrect loading of the sterilizer Poor gas quality Sterilizer malfunction Blocking indicator with large metal mass
	PROCESSED AND SATISFACTORY

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

