

Product Name and Code:

Type 4 Chemical Indicator for Ethylene Oxide – **LCE50**

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/HCFC (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.

Performance characteristics:

Reference Color Change Conditions	Illustration
54 °C ± 1 °C, 60% RH ± 10% RH, 600 mg/L ± 30 mg/L 100%EO, 40mins	 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

Technical information:

Weight of CI

75-80g / pack

Period of validity

36 months

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Dimensions

1.7 cm×10.0 cm

Compliance:

ISO 11140-1:2014 Sterilization of health care products-Chemical indicators-Part 1: General requirements.

Package:

200PCS/PACK

Version: 20250120