EXCELLENT ELITE PROCESS

KRINMED INC.

TYPE 5
ETHYLENE OXIDE INTEGRATING INDICATOR

Integrated Monitoring of Ethylene Oxide Sterilization Parameters



EN ISO 11140 COMPLIANT | ISO 13485 CERTIFIED | LEAD FREE HEAVY METAL FREE | SINGLE USE DISPOSABLE | 36-MONTHS SHELF LIFE

INDICATOR RESPONSE

BEFORE STERILIZATION



AFTER STERILIZATION



Article Number
KRCI-107S

Packaging:
500 indicator Strips/box

Shelf Life
36-months

Storage
15°C to 30°C

PRODUCT OVERVIEW

The EEP Ethylene Oxide Indicator is a Type 5 integrating chemical indicator designed for internal monitoring of specified ethylene oxide sterilization cycles.
The indicator is designed to respond to the critical variables of the specified EO process, including temperature, relative humidity, EO concentration, and exposure time.
Following adequate exposure, the indicator bar undergoes a clear and irreversible colour change from bleu to dark brown/black.
The indicator is intended for placement inside compatible pouches, trays, or containers. A passing result confirms that the specified indicator endpoint has been reached. It does not prove product sterility or replace biological and physical process monitoring.

KEY FEATURES

- Type 5 EO integrating chemical indicator
- Designed for low-temperature ethylene oxide sterilization
- Responds to the critical variables of the specified EO process
- Clear colour change from blue to dark brown/black
- Irreversible visual indicator response
- Suitable for internal package monitoring
- Lot number and expiry date printed on each indicator
- QR code and barcode for product traceability
- Load Free and Heavy Metal Free
- Designed in accordance with ISO 11140-1 requirements

TECHNICAL SPECIFICATIONS

Item	Specification
Test Type	Type 5 Integrating Chemical Indicator
Sterilization Process	Ethylene Oxide (EO)
Color Change	blue to Brown/Black
Material	Medical Grade Paper
Dimension (mm)	15 × 40
Packaging	500 indicator Strips / box
Shelf Life	36-months
Storage Temperature	15°C to 30°C
Country of Origin	Made in Iran
Standard Compliance	EN ISO 11140-1

Single Use Only

HOW TO USE



INTERPRETATION GUIDE

PASS
Satisfactory Response



A uniform change from blue to dark brown/black indicates that the indicator has reached its specified endpoint under the defined ethylene oxide (EO) process conditions. The result does not, by itself, prove product sterility.

FAIL
Unsatisfactory Performance



A blue, incomplete, or uneven response indicates that the specified endpoint has not been reached. Follow the approved Instructions for Use and investigate the EO cycle before release.

SCAN FOR INSTRUCTIONS FOR USE(IFU)

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KRINMED
THE STERILIZATION SPIN-OFF

Made in Iran by Krinmed Inc
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