

ETHYLENE OXIDE (EO) INDICATOR TAPE

For Monitoring EO Sterilisation Processes

Excelsior Code: TAP-ECS-E



Product Description

Excelsior EO indicator tape contains no lead or other toxic heavy metals and are latex free. The EO tape is manufactured for closing packages, instrument wraps, and other items requiring EO sterilisation. The EO tape can be utilised for identifying processed and non processed items. The tape can adhere to paper, plastic, glass, metal, and non-woven materials.

Physical Properties

Process	EO
Tape Dimensions	19mm x 55m (0.75" x 60 yards)
Packaging	12 Rolls
Chemical Indicator	Initial Colour: Purple Signal Colour: Green Chemical Indicator Inks contain no lead or other toxic heavy metals

Indications for Use

The tape can be used for all EO sterilisation processes.

Class / Type 1 Process Indicator requirements:

- 600 mg/L at 54°C and 60% RH for 20 minutes

Instructions for Use

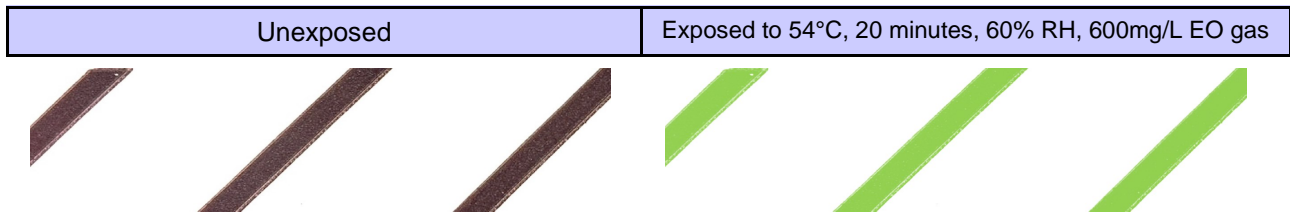
Use a minimum of a three (3) inch section of tape to close packages/items intended for EO sterilisation. Process packages/items as instructed in the steriliser validation or manual.

Upon exposure to EO, the chemical indicator will transition from purple to green. The transition colour may vary depending on the load configuration, length and conditions of exposure. A colour transition from purple to a shade of green provides indication of exposure to EO.

The chemical reaction which causes the colour transition is an EO specific reaction and is irreversible.

Performance Characteristics

Result Availability	Immediately following exposure to EO processes
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***Colours shown are representations of printed ink initial and signal colours but may vary from actual use.**

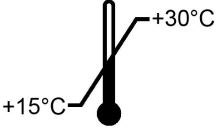







The signal colour achieved from exposure to EO may vary from the example above due to differences in processing parameters (i.e. load content, cycle time, temperature, etc.). For a Type 1 Process Indicator, a colour change produced during exposure to EO which is different from the initial colour is considered acceptable.

Compliance

ISO 11140-1:2014 Sterilization of health care products – Chemical Indicators- Part 1: General Requirements for Type 1 Chemical Process Indicators

Shelf Life and Storage

	15°C to 30°C		Keep away from sunlight
	20% to 80% relative humidity		Keep Dry
Shelf Life	3 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 3 years		Do not reuse
	Do not use the product if the indicator has transitioned from purple to green. Keep away from sterilants. Do not use after expiration date.		

Disposal

Discard as general waste.

For additional product information:
Please visit us at
www.excelsiorscientific.com
Email us at sales@excelsiorscientific.com