

# Product Specification

## Custom MesaStrip – Ethylene Oxide

### Product Description

Custom MesaStrip Ethylene Oxide consists of a paper microstrip inoculated with a sterilization-resistant spore population packaged in a glassine envelope, or bulk without an envelope. The glassine envelope serves as a microbial barrier which protects the spore strip from post sterilization contamination.

### Technical Parameters

<b>Organism</b>	<i>Bacillus atrophaeus</i> 9372 <sup>1</sup>
<b>Spore Count</b>	≥1.0 x 10 <sup>6</sup>
<b>D-Value</b>	≥ 2.0 minute
<b>Z-Value</b>	NA
<b>Incubation</b>	Time: 7 days Temperature: 30-35°C Media: SCDB
<b>Storage</b>	Room temperature. Do not desiccate.
<b>Shelf-Life</b>	24 months from date of manufacture
<b>Nominal Dimensions</b>	Strip: 1 x 25mm <u>or</u> 2 x 10mm Envelope: 25 x 76mm

### Indications for Use

Custom MesaStrip Ethylene Oxide is a biological indicator (BI) microstrip used in monitoring the efficacy of Ethylene Oxide (EO) sterilization processes where traditional BIs are too large.

### Packaging

Custom MesaStrips are available in bags of 100 individual glassine-wrapped microstrips or bulk microstrips directly packaged into a foil pouch.

### Labeling

- The glassine envelopes are labeled with product type, organism, lot number and expiration date.
- Each bag contains a self-adhesive label on the outside to further identify the product.

### Reorder Information

- A1X25/6 (100 x 10<sup>6</sup> microstrips, bulk)
- A1X25/6G (100 x 10<sup>6</sup> microstrips in glassine)
- A2X10/6 (100 x 10<sup>6</sup> microstrips, bulk)
- A2X10/6G (100 x 10<sup>6</sup> microstrips in glassine)



<sup>1</sup> or equivalent recognized culture collection strain