

# Product Specification

## MesaStrip - Steam

### Product Description

MesaStrip Steam consists of a paper strip inoculated with a sterilization-resistant spore population packaged in a glassine envelope. The glassine envelope serves as a microbial barrier which protects the spore strip from post sterilization contamination.

### Technical Parameters

<b>Organism</b>	<i>Geobacillus stearothermophilus</i> 7953 <sup>1</sup>
<b>Spore Count Options</b>	≥1.0 x 10 <sup>3</sup> ≥1.0 x 10 <sup>5</sup> ≥1.0 x 10 <sup>6</sup>
<b>D-Value</b>	≥1.5 minutes
<b>Z-Value</b>	≥6 °C
<b>Incubation</b>	Time: 7 days Temperature: 55-60°C Media: SCDB
<b>Storage</b>	Room temperature. Do not desiccate.
<b>Shelf-Life</b>	10 <sup>3</sup> -12 months 10 <sup>5</sup> -18 months 10 <sup>6</sup> -18 months
<b>Nominal Dimensions</b>	Strip: 6 x 25mm Envelope: 25 x 76mm

### Indications for Use

MesaStrip Steam is a biological indicator used in monitoring the efficacy of steam sterilization processes.

### Packaging

MesaStrips are available in bags of 100 individual glassine-wrapped strips.

### 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

- SGMS/3 (100 x 10<sup>3</sup> strips in glassine)
- SGMS/5 (100 x 10<sup>5</sup> strips in glassine)
- SGMS/6 (100 x 10<sup>6</sup> strips in glassine)



<sup>11</sup> or equivalent recognized culture collection strain