

# Product Specification

## Cotton Threads – Ethylene Oxide

### Product Description

Cotton thread for Ethylene Oxide is a woven cotton thread inoculated with *B. atrophaeus* and packaged in Tyvek ®/Mylar® envelopes. The threads are removed from packaging for placement in tubing, lumens, and other difficult to test locations.

### 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 minutes
<b>Z-Value</b>	N/A
<b>Incubation</b>	Time: 7 days Temperature: 30-35°C Media: SCDB
<b>Storage</b>	15-27°C at 30-70%RH. Do not desiccate.
<b>Shelf-Life</b>	12 months from date of manufacture
<b>Nominal Dimensions</b>	Thread: 1.5 x 19mm Envelope: 45 x 76mm

### Indications for Use

*Bacillus atrophaeus* Threads are an industrial use BI appropriate for monitoring the efficacy of Ethylene Oxide/Gas Sterilization processes.

### Packaging

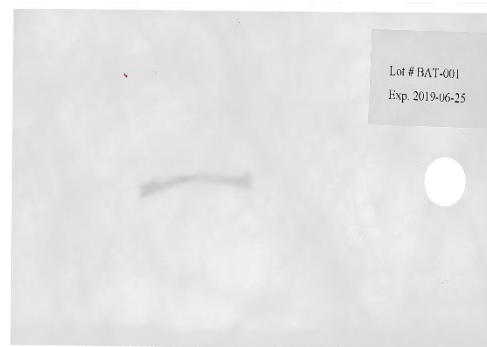
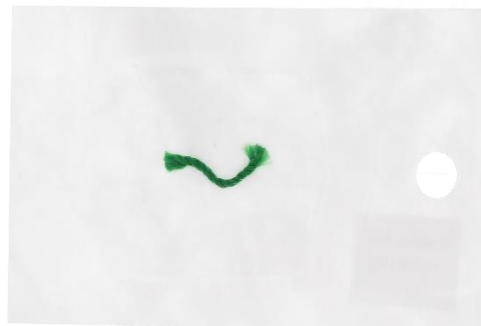
Threads are individually packaged in Tyvek/Mylar envelopes in bags of 100 units.

### Labeling

- Units are individually labeled with lot number and expiration date.
- Each bag contains a self-adhesive label on the outside to further identify the product.

### Reorder Information

- 1-6100TT (100/bag)



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