

Spore Strips

Mesa Labs offers a complete line of spore strips for sterility testing in various sterilization environments for both Healthcare and Industrial applications. In addition to our line of spore strips, Mesa also manufactures prepared culture media specially formulated for use with our spore products. Other formulations are also available for various microbiological tests.

- Autoclave Validations
- EO Sterilization
- Steam Applications
- Irradiation Sterilization
- Multiple Species Available



Geobacillus stearothermophilus

For use in steam sterilization at 121.1°C (250°F) to 135°C (275°F), Low Temperature Steam w/Formaldehyde and Chemiclave®. After exposure to sterilant, incubate strips at 55-60°C. 24-Hour incubation available when used with Mesa's Culture Media.

Bacillus atrophaeus

For use in Ethylene Oxide (600mg/L), Dry Heat sterilization (D-value determined at 160°C), and formaldehyde fumigation. After exposure to sterilant, incubate strips at 30-35°C.

Combined species spore strips

G. stearothermophilus (10⁵) and *B. atrophaeus* (10⁶) on each strip. For use in Steam, EO, Dry Heat or Chemiclave® sterilizers. In-house studies have shown the performance of dual species strips to be essentially equivalent to single species strips made from the same spore batch.

Bacillus pumilus

Used for validation of irradiation sterilization processes. After exposure to sterilant, incubate strips at 30-35°C.



Ordering Information

Species	Min. Population	Log
<i>G. stearothermophilus</i>	100,000	10 ⁵
<i>G. stearothermophilus</i>	1,000,000	10 ⁶
<i>B. atrophaeus</i>	1,000,000	10 ⁶
<i>B. pumilus</i>	1,000,000	10 ⁶

Reduced Incubation Available

Contact us for more details.