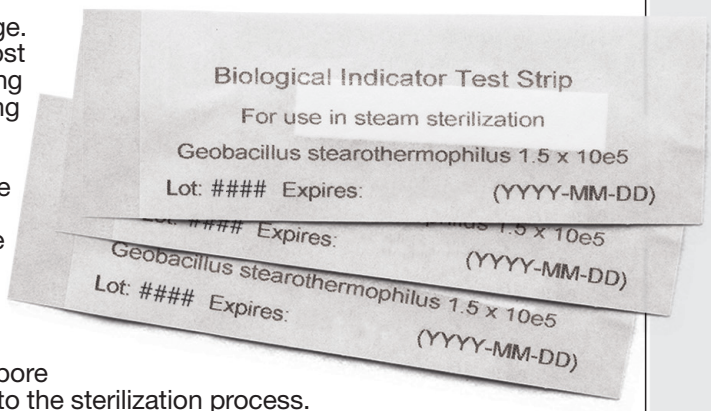
STERILIZATION INDICATORS

ETIGAM

BIOLOGICAL INDICATORS
SPORE STRIPS & SUSPENSIONS

NSS spore strips are traditional biological indicators used to monitor steam, ethylene oxide, dry heat and radiation sterilization processes. They contain bacterial spores on a paper carrier strip within a peel open glassine envelope.

To use a NSS strip, place the indicator within a product or package. The indicator should be placed in the area/s known to be the most difficult for the sterilizing agent to penetrate. The product containing the indicator is placed within the sterilizer and processed. Following sterilization the product is removed from the sterilizer and the indicator is removed from the product. The indicator is peeled open and the paper carrier strip removed using aseptic technique and placed in soybean casein digest media. The indicator must be incubated at the appropriate temperature for the indicator type for 7 days. Turbidity within the media indicates sterilization failure.



NSU spores suspensions are used to inoculate products undergoing sterilization. They are available for use in steam, ethylene oxide, dry heat and radiation sterilization processes. Spore suspensions are provided with population and resistance values to the sterilization process.

Each vial contains 10 ml of spore suspension in 20% ethanol.

Spore strips	Process	Incubation time	Incubation temperature	Reorder nr.
Geobacillus stearothermophilus	Steam	7 days	60 °C	NSS-S5/6
Bacillus atrophaeus	Gas & dry heat	7 days	37 °C	NSS-E6
Bacillus pumilus	Radiation	7 days	35 °C	NSS-R6
Spore suspensions				
Geobacillus stearothermophilus	Steam	7 days	60 °C	NSU-S5/6
Bacillus atrophaeus	Gas & dry heat	7 days	37 °C	NSU-E6
Bacillus pumilus	Radiation	7 days	35 °C	NSU-R6

other populations on request.

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