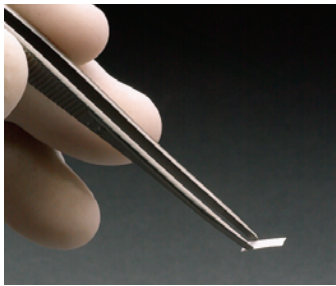


Biological Indicators

Mini Spore Strips & Spore Discs

Mini Spore Strips (2 mm x 10 mm) and Discs (3 mm and 6 mm diameters) will fit into small areas of a device where a standard-sized (6 mm x 30 mm) spore strip cannot be used, such as within a syringe barrel, inside tubing or under a cap. Mini spore strips and discs are packaged in bulk or individually in glassine envelopes in shelf packs of 100 strips/discs. Inquire for pricing and product code for discs packaged in glassine envelopes.

These products are manufactured with an 18 or 24 month shelf-life from the date of manufacture. Store under room temperature conditions (15 - 30° C). Each pack is accompanied by a certificate of analysis. Spore strips and discs are certified for population, purity, and resistance (dvalue, zvalue, survival and kill where applicable). NAMSAs mini strips are compliant with ANSI/AAMI/ISO/EN 11138 series of standards and USP where applicable.



For availability and lead times of population levels other than 10⁶, please inquire.

Custom Biological Indicators

NAMSA manufactures custom indicators in a variety of configurations including threads, customized strips or discs, and stainless steel coupons.

NAMSAs most common custom indicators are cotton threads inoculated with spores. Threads ranging in length from 1 cm to 30 cm can be manufactured with population levels of 10² to 10⁶ per thread.

Please inquire to obtain additional information about NAMSAs capabilities to manufacture a custom indicator to meet your needs.

NAMSA offers a variety of sterilization monitoring products and the full range of pre-clinical safety testing and consulting services to medical device, pharmaceutical and biotech companies throughout the world.

For additional product information:
Please visit us at www.namsa.com
Email us at productorders@namsa.com
Call us at 800-860-1888 (toll free)



Mini Spore Strips - Ethylene Oxide or Dry Heat

Bacillus atrophaeus 24 month shelf-life

NAMSA Code	Packaging	Spore Population Per Strip
STN - 062	glassine envelopes	10 ⁶ (1,000,000)
STN - 062B	bulk	10 ⁶ (1,000,000)

Mini Spore Strips - Steam

Geobacillus stearothermophilus 18 month shelf-life

NAMSA Code	Packaging	Spore Population Per Strip
STS - 062	glassine envelopes	10 ⁶ (1,000,000)
STS - 062B	bulk	10 ⁶ (1,000,000)

Spore Discs - Ethylene Oxide or Dry Heat

Bacillus atrophaeus 24 month shelf-life

NAMSA Code	Disc Diameter	Spore Population Per Strip
DN - 06	6 mm	10 ⁶ (1,000,000)
DN18 - 06	3 mm	10 ⁶ (1,000,000)

Spore Discs - Steam

Geobacillus stearothermophilus 18 month shelf-life

NAMSA Code	Disc Diameter	Spore Population Per Strip
DS - 06	6 mm	10 ⁶ (1,000,000)
DS18 - 06	3 mm	10 ⁶ (1,000,000)

NAMSA

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