

Gamma Radiation Sterilisation Indicator Labels, Namsa



Self-adhesive, non-toxic, chemical process indicators change from yellow to red upon exposure to gamma or electron beam radiation. Labels are coated with a UV blocking agent for protection from exposure to UV light. A minimum of 15 kGy irradiation is recommended for sufficient end-point colour development. At greater dosage levels, the radiation indicators exhibit a darker shade of red. When exposed, imprinted indicators (Cat. No. 489-0093) read "RED IS γ -EXPOSED". Stable for at least 18 months from date of manufacture when stored at room temperature.

Conform to AAMI ST60 and ISO 11140-1, Section 6 for Class 1 Process Indicators.

Description	Pk	Cat. No.
Plain labels, 5000 indicators per roll	5000	489-0091
Plain labels for applicator gun, 1000 indicators per roll	1000	489-0092
Imprinted labels, 5000 indicators per roll	5000	489-0093

Spore Suspensions, Sportrol™, Namsa



Spore suspensions are pure suspensions of viable spores from specific organisms of known resistance to various sterilisation processes. These biological indicators are used to validate that bacterial spores have been completely destroyed. The indicator is simply processed with the load in the steriliser. No bacterial growth after culturing indicates that the sterilisation process is effective. Growth indicates ineffective sterilisation.

- Spores are suspended in water for injection and provided in 10 ml pharmaceutical grade vials
- Available in a population of 10^6 spores per 0.1 ml
- Spore suspensions have a shelf life of 18 months when stored under labelled conditions

Meet USP and ISO 11128-1 standards.

Description	Microorganism	Pk	Cat. No.
For ethylene oxide or dry heat sterilisation	Bacillus atrophaeus	10 ml	489-0082
For radiation sterilisation	Bacillus pumilus	10 ml	489-0083
For steam sterilisation	Geobacillus stearothermophilus	10 ml	489-0084

Spore Strips, Sportrol™, Namsa



Biological sterilisation indicators are used to perform sterilisation cycle validation. They are created by inoculating spore suspensions of certified population and resistance onto paper strips.

- Standard spore strips and combination spore strips are 6x30 mm
- Mini spore strips are 2x10 mm in size and will fit into small areas of a device where a standard sized spore strip cannot be used, such as within a syringe barrel, inside tubing or under a cap
- All spore strips have a shelf life of 18 months when stored under labelled conditions, except mini spore strips (Cat. No. 489-0076) which have a shelf life of 24 months

Meet USP and ISO 11128-1 standards.

Ordering information: Spore strips are individually packaged in glassine envelopes in packs of 100. Each delivery includes instructions for use, certified population, D-value, Z-value, survival/kill data, and expiry date.

Description	Microorganism	Pk	Cat. No.
Standard spore strips for ethylene oxide or dry heat sterilisation	Bacillus atrophaeus, 10^5 spores per strip	100	489-0074
	Bacillus atrophaeus, 10^6 spores per strip	100	489-0075
Mini spore strips for ethylene oxide or dry heat sterilisation	Bacillus atrophaeus, 10^6 spores per strip	100	489-0076
Standard spore strips for radiation sterilisation	Bacillus pumilus, 10^5 spores per strip	100	489-0078
	Bacillus pumilus, 10^6 spores per strip	100	489-0079
Standard spore strips for steam sterilisation	Geobacillus stearothermophilus, 10^5 spores per strip	100	489-0080
	Geobacillus stearothermophilus, 10^6 spores per strip	100	489-0081
	Geobacillus stearothermophilus, 10^6 spores per strip	100	489-0096



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