



Excelsior  
Scientific

# STERILISATION MONITORING PRODUCTS

The GO-to place for sterilisation  
monitoring products

[www.excelsiorscientific.com](http://www.excelsiorscientific.com)

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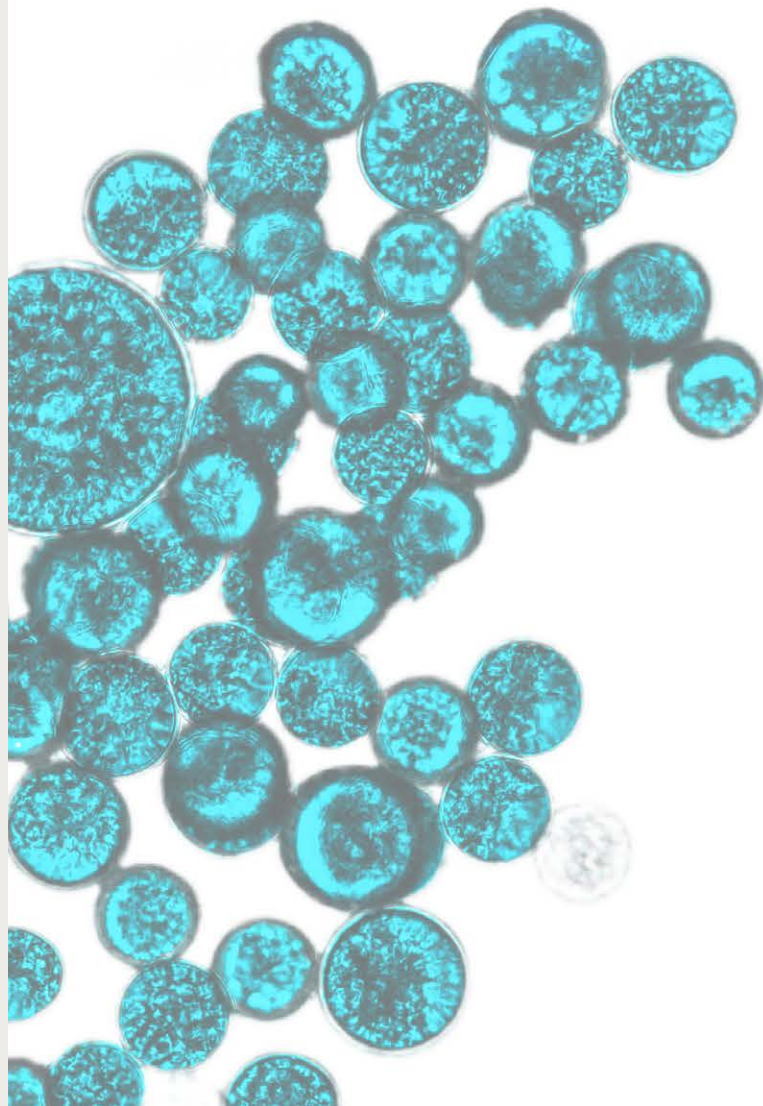
**Known for their consistent, reliable performance, Excelsior Scientific sterilisation monitoring products are used by pharmaceutical and medical device manufacturers, contract sterilisers, and other related industries.**

We are the GO-to company for Sterilisation monitoring products. These products are used to:

- Validate the effectiveness of the sterilisation process
- Monitor and assure adequate sterilisation of products and instruments
- Distinguish processed from unprocessed goods

All Excelsior products require only minimal user training, are manufactured in ISO 13485 certified facilities and meet domestic and international standards.

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# Steam Chemical Indicators

## GOOD TO GO™ Chemical Indicator test strips

Excelsior offers Type 4 indicators, Type 5 integrators and Type 6 emulators for steam sterilisation processes.

### Test strip configurations

5 year shelf life

| Code    | Process | Description  |  | Packaging |
|---------|---------|--|--|-----------|
| TST-4SE | Steam   | <b>Autoclave TST Strip Type 4 Indicator</b><br>Transitions from purple to green following exposure at 134°C for 3.5 mins or 121°C for 15 mins. |  | 250/box   |
| TST-5SE | Steam   | <b>Autoclave TST Strip Type 5 Integrator</b><br>Transitions from blue to black following exposure at 121°C for 20 mins or 134°C for 4 mins.    |  | 250/box   |
| TST-6SE | Steam   | <b>Autoclave TST Strip Type 6 Emulator</b><br>Transitions from blue to pink following exposure at 121°C for 15 mins or 134°C for 3.5 mins.     |  | 250/box   |



## Bowie-Dick test

Excelsior's Bowie-Dick test packs are designed to monitor the performance of pre-vacuum steam sterilisers by detecting adequate air removal and steam penetration. Each pack contains barriers with a central chemical indicator that changes from blue to pink if steam penetration is adequate. Used in empty chambers at 134°C for 3.5 mins or 121°C for 15 mins, the test packs help detect steam quality issues and are suitable for routine checks, new installations, or post-repair validations. The tests are non-hazardous and free from lead and heavy metals.

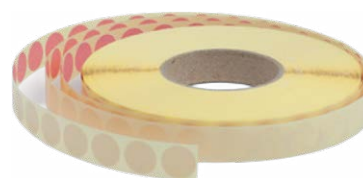
5 year shelf life

| Code     | Description  | Packaging          |
|----------|--|--------------------|
| BD-1XEC5 | Bowie-Dick test pack, single-use (without heavy metals). Conforms to EN 867-4. For use at steam 134°C for 3.5 mins or 121°C for 15 mins. | 20 test packs/case |

## Steam Chemical Process Indicator Dots

Excelsior Steam Chemical Process Indicators (CPIs) meet ISO 11140-1 standards for Type 1 indicators, showing a colour change when exposed to time, temperature, and saturated steam. CPIs serve as process indicators, not sterility indicators. With a shelf life of 3 years (from ink application), CPIs should be stored at room temperature. Once exposed, indicators remain pink if stored correctly. Each roll comes with a certificate of conformance and is non-hazardous, odour-free, and safe for general waste disposal.

| Code     | Description                  | Unexposed | Exposed |
|----------|------------------------------|-----------|---------|
| CPI-S01E | Plain 1/2" (12.7 mm) circles |           |         |
| CPI-S02E | Plain 1/2" (12.7 mm) circles |           |         |



## Autoclave Tape

### Tape configuration

3 year shelf life



| Description   |  | Packaging         |
|---|--|-------------------|
| <b>TAP-SCS-E Steam Autoclave Tape</b><br>Irreversible colour transition from white to dark.<br>Can be written on. 19 mm x 50 m. |  | 48 rolls per pack |

# Steam Biological Indicators

## SteriGo™ Self-Contained Biological Indicators

Geobacillus stearothermophilus  
Cell Line 7953, 2 year shelf life

| Code     | Sterilisation process | Population      | Min. incubation period |
|----------|-----------------------|-----------------|------------------------|
| MSCS-05E | Steam                 | 10 <sup>5</sup> | 24 hours               |
| MSCS-06E | Steam                 | 10 <sup>6</sup> | 24 hours               |



## SporeGo™ Spore Ampoules for liquid loads

Geobacillus stearothermophilus  
Cell Line 7953, 2 year shelf life

| Code       | Population      | Description | Packaging |
|------------|-----------------|-------------|-----------|
| SA1-50-05E | 10 <sup>5</sup> | 1 mL        | 50/box    |
| SA1-50-06E | 10 <sup>6</sup> | 1 mL        | 50/box    |

Negative Controls  
2 year shelf life

| Code       | Population | Description  | Packaging |
|------------|------------|--------------|-----------|
| SA1-NC-10E | N/A        | 1 mL Control | 10/box    |

## Spore Strips and Mini Spore Strips

Geobacillus stearothermophilus  
Cell Line 7953, 2 year shelf life

| Code    | Spore population per strip  |
|---------|-----------------------------|
| STS-04E | 10 <sup>4</sup> (10,000)    |
| STS-05E | 10 <sup>5</sup> (100,000)   |
| STS-06E | 10 <sup>6</sup> (1,000,000) |

### Low temperature processes

Bacillus subtilis  
Cell Line 35021, 2 year shelf life

| Code     | Spore population per strip  |
|----------|-----------------------------|
| BS52306E | 10 <sup>6</sup> (1,000,000) |

### Mini spore strips

Geobacillus stearothermophilus  
Cell Line 7953, 2 year shelf life

| Code      | Packaging          | Population      |
|-----------|--------------------|-----------------|
| STS-062E  | Glassine envelopes | 10 <sup>6</sup> |
| STS-062BE | Bulk               | 10 <sup>6</sup> |



## Spore Threads, Wires and Discs

### Spore threads

Geobacillus stearothermophilus  
Cell Line 7953, 2 year shelf life

| Code     | Length | Carrier type  | Spore population per strip  | Packaging |
|----------|--------|---------------|-----------------------------|-----------|
| THS-06E  | 30 mm  | Cotton thread | 10 <sup>6</sup> (1,000,000) | Bulk      |
| THS-06PE | 30 mm  | Cotton thread | 10 <sup>6</sup> (1,000,000) | Glassine  |



### Spore wires

Geobacillus stearothermophilus  
Cell Line 7953, 2 year shelf life

| Code    | Length | Carrier type  | Spore population per strip  | Packaging |
|---------|--------|---------------|-----------------------------|-----------|
| SWS-06E | 38 mm  | Braided steel | 10 <sup>6</sup> (1,000,000) | Bulk      |



### Mini spore wires

Geobacillus stearothermophilus  
Cell Line 7953, 2 year shelf life

| Code     | Length | Carrier type  | Spore population per strip  | Packaging |
|----------|--------|---------------|-----------------------------|-----------|
| MSWS-06E | 38 mm  | Braided steel | 10 <sup>6</sup> (1,000,000) | Bulk      |



### Spore discs

Geobacillus stearothermophilus  
Cell Line 7953, 2 year shelf life

| Code     | Length | Carrier type | Spore population per strip  | Packaging |
|----------|--------|--------------|-----------------------------|-----------|
| DS-06E   | 6 mm   | Filter paper | 10 <sup>6</sup> (1,000,000) | Bulk      |
| DS18-06E | 3 mm   | Filter paper | 10 <sup>6</sup> (1,000,000) | Bulk      |



### Pre-Prepared Media for Use with Spore Strips, Wires, Threads and Discs

Excelsior's Prepared Culture Media consists of an exclusively formulated Tryptic Soy Broth (TSB) modified with pH indicator. A reduced incubation time of 24 hours for steam sterilisation has been validated when the Excelsior Biological Indicator Spore Strips and Discs are used in conjunction with Excelsior's Prepared Culture Media. Supplied in Type I borosilicate glass flat bottom tubes with screw-caps. 100 x 6.5 mL tubes per box.

2 year shelf life

| Code       | Sterilisation process | Organism for intended use      | Incubation time |
|------------|-----------------------|--------------------------------|-----------------|
| GMBCP-100E | Steam                 | Geobacillus stearothermophilus | 24 hours        |

## Spore Suspensions

Geobacillus stearothermophilus  
Cell Line 7953, 2 year shelf life

| Code    | Spore population per 0.1 mL   |
|---------|-------------------------------|
| SUS-06E | 10 <sup>6</sup> (1,000,000)   |
| SUS-07E | 10 <sup>7</sup> (10,000,000)  |
| SUS-08E | 10 <sup>8</sup> (100,000,000) |

Bacillus subtilis  
Cell Line 35021, 2 year shelf life

| Code     | Spore population per 0.1 mL   |
|----------|-------------------------------|
| US52306E | 10 <sup>6</sup> (1,000,000)   |
| US52307E | 10 <sup>7</sup> (10,000,000)  |
| US52308E | 10 <sup>8</sup> (100,000,000) |







Bacillus subtilis  
Cell Line 6633, 2 year shelf life

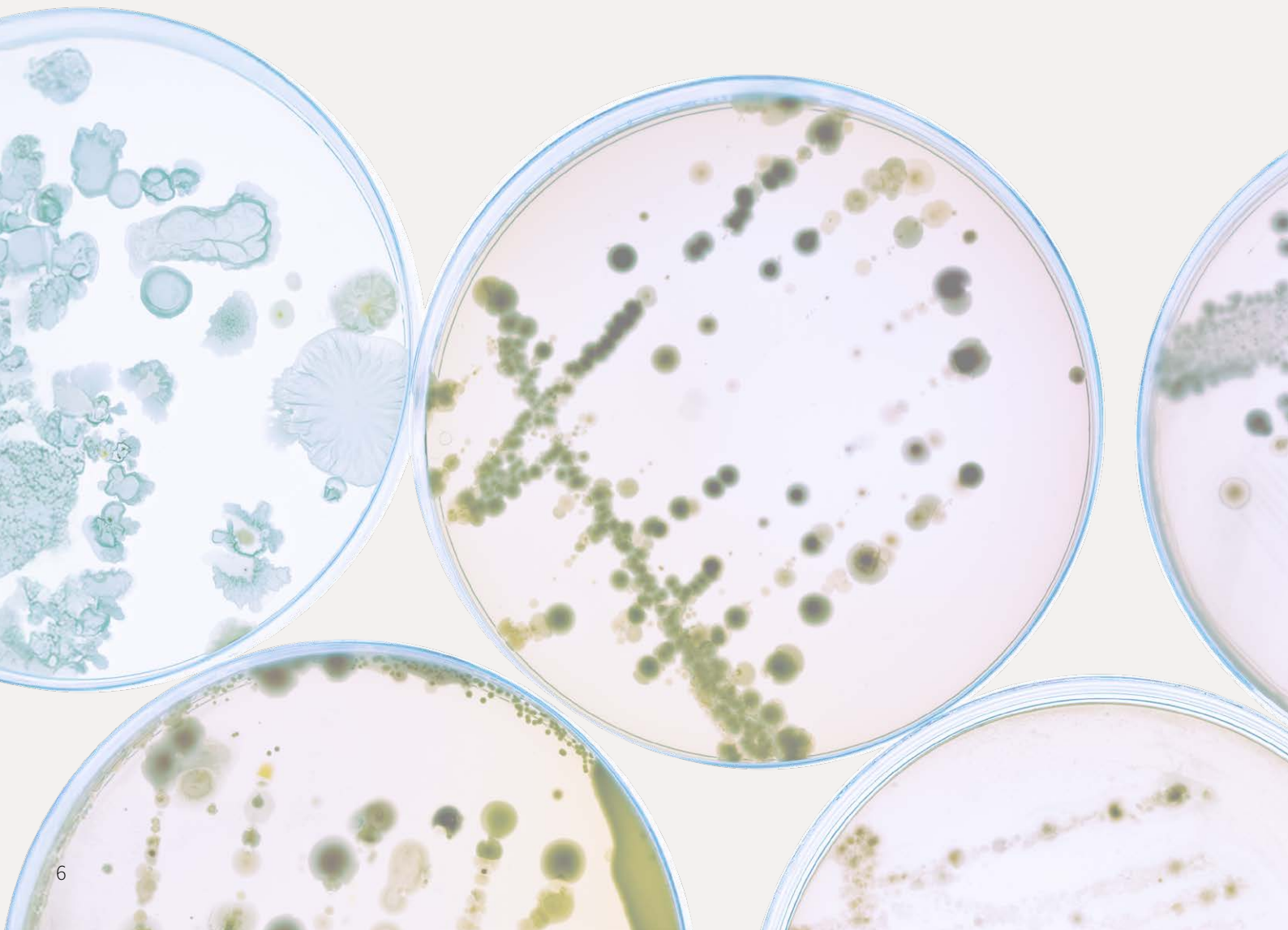
| Code    | Spore population per 0.1 mL   |
|---------|-------------------------------|
| SBS-06E | 10 <sup>6</sup> (1,000,000)   |
| SBS-07E | 10 <sup>7</sup> (10,000,000)  |
| SBS-08E | 10 <sup>8</sup> (100,000,000) |



# Radiation Chemical Indicators

## Process Indicator Configurations

| Code     | Product type  | Dose level    | Number of CPIs/Roll | Unexposed   | Exposed   |
|----------|---|---------------|---------------------|---|---|
| CPI-R01E | Plain 1/2" (12.7 mm)  | $\geq 10$ kGy | 5,000               |  |  |
| CPI-R03E | Imprinted 1/2" (12.7 mm) circles.<br>Text reads: "Red is $\gamma$ Exposed"            | $\geq 10$ kGy | 5,000               |  |  |
| CPI-R05E | Low dose, imprinted<br>14 mm x 14 mm squares.<br>Text reads: "Red is $\beta$ Exposed" | $\geq 3$ kGy  | 5,000               |  |  |



# Radiation Biological Indicators

## Spore Strips

*Bacillus pumilus*  
Cell Line 27142, 2 year shelf life

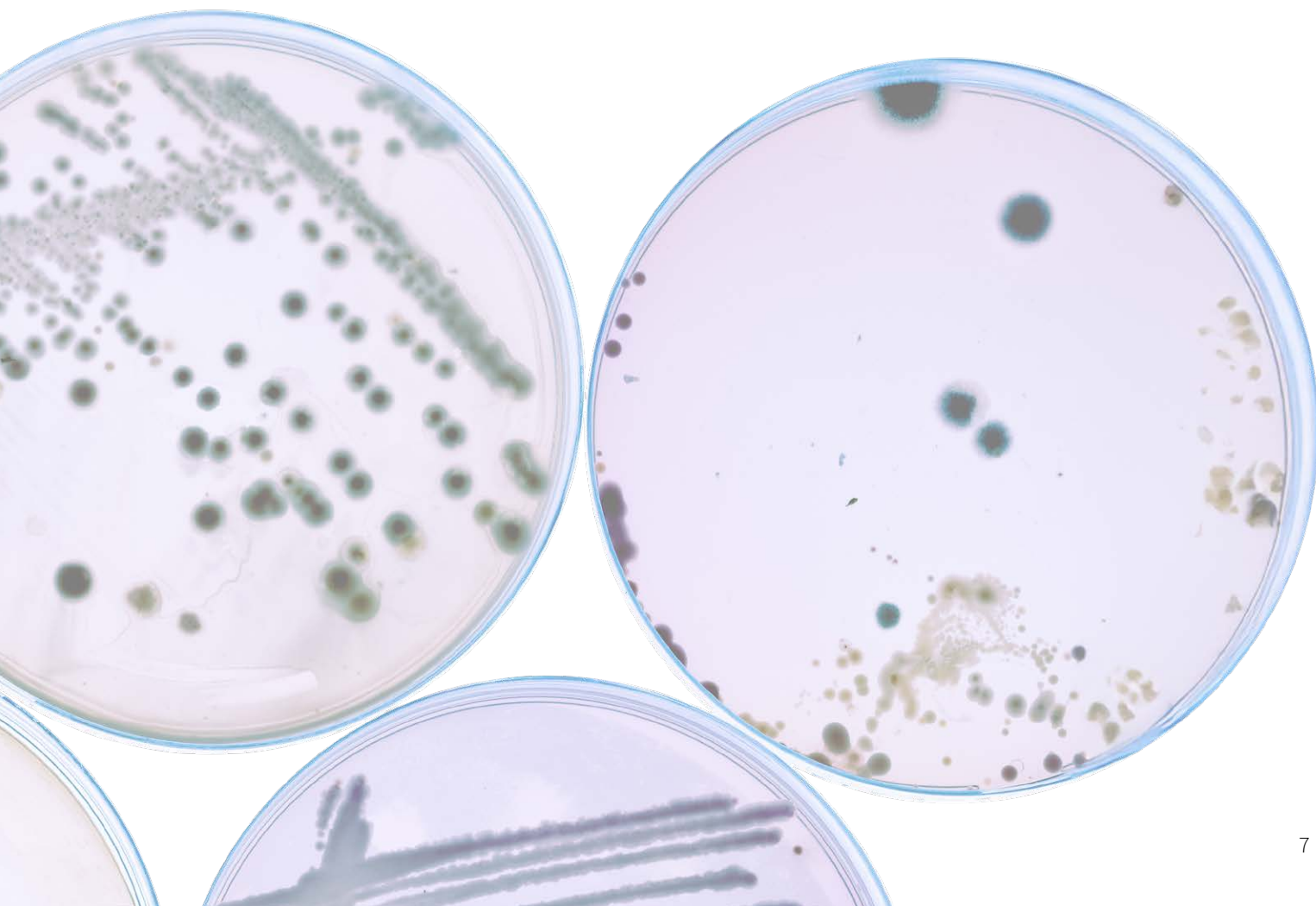
| Code    | Spore population per strip |
|---------|----------------------------|
| STP-06E | $10^6$ (1,000,000)         |
| STP-07E | $10^7$ (10,000,000)        |
| STP-08E | $10^8$ (100,000,000)       |



## Spore Suspensions

*Bacillus pumilus* Cell Line 27142, 2 year shelf life



| Code    | Spore population per 0.1 mL |
|---------|-----------------------------|
| SUP-06E | $10^6$ (1,000,000)          |
| SUP-07E | $10^7$ (10,000,000)         |
| SUP-08E | $10^8$ (100,000,000)        |



# Vaporised Hydrogen Peroxide Chemical Indicators

## GOOD TO GO™ Chemical Indicator Test strips

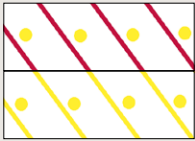
### Test strip configurations

| Code   | Process           | Description   |   | Packaging |
|--------|-------------------|---|---|-----------|
| VHP-1E | Hydrogen Peroxide | <b>VHP Type 1 Indicator</b><br>Requires 50°C, 6 mins, 2.3 mg/L of vaporised hydrogen peroxide. Transitions from Red to Blue.            |  | 250/box   |
| HPI-4E | Hydrogen Peroxide | <b>VH202 Plasma Type 4 Indicator</b><br>Requires 50°C, 6 mins, 2.3 mg/L of vaporised hydrogen peroxide. Transitions from Red to Yellow. |  | 250/box   |

## VH202 / Plasma Tape



**Tape configuration**  
3 year shelf life

| Description  |  | Packaging       |
|--|--|-----------------|
| <b>TAP-H-E H<sub>2</sub>O<sub>2</sub> Plasma Tape</b><br>Irreversible colour transition from Red to Yellow.<br>19 mm x 60 m. |  | 1 roll per pack |

# Vaporised Hydrogen Peroxide Biological Indicators

## SteriGo™ Self-Contained Biological Indicators

Geobacillus stearothermophilus  
Cell Line 7953, 2 year shelf life

| Code     | Sterilisation process | Population      | Min. incubation period |
|----------|-----------------------|-----------------|------------------------|
| MSCH-06E | Hydrogen Peroxide     | 10 <sup>6</sup> | 24 hours               |



## HyperGo™ VHP Indicators

Spore discs

Geobacillus stearothermophilus 1 year shelf life

| Code       | Length | Organism / Strain                         | Carrier type | Spore population per strip  | Packaging     |
|------------|--------|---|--------------|-----------------------------|---------------|
| HPG129-06E | 6 mm   | Geobacillus stearothermophilus ATCC 12980 | Steel        | 10 <sup>6</sup> (1,000,000) | Tyvek®/Tyvek® |
| HPG795-06E | 6 mm   | Geobacillus stearothermophilus ATCC 7953  | Steel        | 10 <sup>6</sup> (1,000,000) | Tyvek®/Tyvek® |
| HPG129-04E | 6 mm   | Geobacillus stearothermophilus ATCC 12980 | Steel        | 10 <sup>4</sup> (10,000)    | Tyvek®/Tyvek® |
| HPG795-04E | 6 mm   | Geobacillus stearothermophilus ATCC 7953  | Steel        | 10 <sup>4</sup> (10,000)    | Tyvek®/Tyvek® |



## Spore Wires

Spore wires

Geobacillus stearothermophilus  
Cell Line 7953, 2 year shelf life

| Code    | Length | Carrier type  | Spore population per strip  | Packaging |
|---------|--------|---------------|-----------------------------|-----------|
| SWH-06E | 38 mm  | Braided steel | 10 <sup>6</sup> (1,000,000) | Bulk      |

Mini spore wires

Geobacillus stearothermophilus  
Cell Line 7953, 2 year shelf life

| Code     | Length | Carrier type  | Spore population per strip  | Packaging |
|----------|--------|---------------|-----------------------------|-----------|
| MSWH-06E | 38 mm  | Braided steel | 10 <sup>6</sup> (1,000,000) | Bulk      |



## Pre-Prepared Media for Use with Spore Strips, Wires, Threads and Discs





Excelsior's Prepared Culture Media consists of an exclusively formulated Tryptic Soy Broth (TSB) modified with pH indicator. A reduced incubation time of 24 hours for VH202 sterilisation has been validated when the Excelsior Biological Indicator Spore Strips and Discs are used in conjunction with Excelsior's Prepared Culture Media. Supplied in Type I borosilicate glass flat bottom tubes with screw-caps. 100 x 6.5 mL tubes per box.

2 year shelf life

| Code       | Sterilisation process          | Organism for intended use      | Incubation time |
|------------|--------------------------------|--------------------------------|-----------------|
| GMBCP-100E | VH <sub>2</sub> O <sub>2</sub> | Geobacillus stearothermophilus | 24 hours        |

# Ethylene Oxide Chemical Indicators

## Process Indicator Configurations

| Code     | Product type  | Number of CPIs/Roll | Unexposed   | Exposed   |
|----------|---|---------------------|---|---|
| CPI-E01E | Plain 1/2" (12.7 mm)  | 5,000               |  |  |
| CPI-E03E | Imprinted 1/2" (12.7 mm) circles.<br>Text reads: "Green is Exposed" | 5,000               |  |  |



## EO Tape

Tape configurations  
3 year shelf life



### Description

**TAP-EO-E Ethylene Oxide Tape**  
Irreversible colour transition from Purple to Green.  
Can be written on. 19 mm x 50 m.



### Packaging

48 rolls per pack

# Ethylene Oxide Biological Indicators

## SteriGo™ Self-Contained Biological Indicators

Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code     | Sterilisation process | Population      | Min. incubation period |
|----------|-----------------------|-----------------|------------------------|
| MSCE-06E | EO                    | 10 <sup>6</sup> | 48 hours               |

## Spore Strips and Mini Spore Strips

Spore strips  
Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code    | Spore population per strip  |
|---------|-----------------------------|
| STN-06E | 10 <sup>6</sup> (1,000,000) |

Mini spore strips  
Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code      | Packaging          | Population      |
|-----------|--------------------|-----------------|
| STN-062E  | Glassine envelopes | 10 <sup>6</sup> |
| STN-062BE | Bulk               | 10 <sup>6</sup> |



## Spore Threads, Wires and Discs

### Spore threads

Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code     | Length | Carrier type  | Spore population per strip  | Packaging |
|----------|--------|---------------|-----------------------------|-----------|
| THN-06E  | 30 mm  | Cotton thread | 10 <sup>6</sup> (1,000,000) | Bulk      |
| THN-06PE | 30 mm  | Cotton thread | 10 <sup>6</sup> (1,000,000) | Glassine  |



### Spore wires

Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code    | Length | Carrier type  | Spore population per strip  | Packaging |
|---------|--------|---------------|-----------------------------|-----------|
| SWN-06E | 38 mm  | Braided steel | 10 <sup>6</sup> (1,000,000) | Bulk      |



### Mini spore wires

Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code     | Length | Carrier type  | Spore population per strip  | Packaging |
|----------|--------|---------------|-----------------------------|-----------|
| MSWN-06E | 38 mm  | Braided steel | 10 <sup>6</sup> (1,000,000) | Bulk      |



### Spore discs

Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code   | Length | Carrier type | Spore population per strip  | Packaging |
|--------|--------|--------------|-----------------------------|-----------|
| DN-06E | 6 mm   | Filter paper | 10 <sup>6</sup> (1,000,000) | Bulk      |



### Pre-Prepared Media for Use with Spore Strips, Wires, Threads and Discs

Excelsior's Prepared Culture Media consists of an exclusively formulated Tryptic Soy Broth (TSB) modified with pH indicator. A reduced incubation time of 24 hours for EO sterilisation has been validated when the Excelsior Biological Indicator Spore Strips and Discs are used in conjunction with Excelsior's Prepared Culture Media. Supplied in Type I borosilicate glass flat bottom tubes with screw-caps. 100 x 6.5 mL tubes per box.

2 year shelf life

| Code       | Sterilisation process | Organism for intended use | Incubation time |
|------------|-----------------------|---------------------------|-----------------|
| GMBTB-100E | EO                    | Bacillus atrophaeus       | 48 hours        |

## Spore Suspensions

Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code    | Spore population per 0.1 mL   |
|---------|-------------------------------|
| SUN-06E | 10 <sup>6</sup> (1,000,000)   |
| SUN-07E | 10 <sup>7</sup> (10,000,000)  |
| SUN-08E | 10 <sup>8</sup> (100,000,000) |



# Dry Heat Biological Indicators

## Spore Strips and Mini Spore Strips

### Spore strips

Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code      | Spore population per strip  |
|-----------|-----------------------------|
| STN-06DHE | 10 <sup>6</sup> (1,000,000) |

### Mini Spore Strips

Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code        | Packaging          | Population                  |
|-------------|--------------------|-----------------------------|
| STN-06DHE   | Glassine envelopes | 10 <sup>6</sup> (1,000,000) |
| STN-062BDHE | Bulk               | 10 <sup>6</sup> (1,000,000) |



## Spore Threads, Wires and Discs

### Spore threads

Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code       | Length | Carrier type  | Spore population per strip  | Packaging |
|------------|--------|---------------|-----------------------------|-----------|
| THN-06DHE  | 30 mm  | Cotton thread | 10 <sup>6</sup> (1,000,000) | Bulk      |
| THN-06PDHE | 30 mm  | Cotton thread | 10 <sup>6</sup> (1,000,000) | Glassine  |



### Spore wires

Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code      | Length | Carrier type  | Spore population per strip  | Packaging |
|-----------|--------|---------------|-----------------------------|-----------|
| SWN-06DHE | 38 mm  | Braided steel | 10 <sup>6</sup> (1,000,000) | Bulk      |



### Mini spore wires

Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code       | Length | Carrier type  | Spore population per strip  | Packaging |
|------------|--------|---------------|-----------------------------|-----------|
| MSWN-06DHE | 38 mm  | Braided steel | 10 <sup>6</sup> (1,000,000) | Bulk      |

### Spore discs

Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code     | Length | Carrier type | Spore population per strip  | Packaging |
|----------|--------|--------------|-----------------------------|-----------|
| DN-06DHE | 6 mm   | Filter paper | 10 <sup>6</sup> (1,000,000) | Bulk      |





### Pre-Prepared Media for Use with Spore Strips, Wires, Threads and Discs

Excelsior's Prepared Culture Media consists of an exclusively formulated Tryptic Soy Broth (TSB) modified with pH indicator. A reduced incubation time of 24 hours for Dry Heat sterilisation has been validated when the Excelsior Biological Indicator Spore Strips and Discs are used in conjunction with Excelsior's Prepared Culture Media. Supplied in Type I borosilicate glass flat bottom tubes with screw-caps. 100 x 6.5 mL tubes per box.

2 year shelf life

| Code       | Sterilisation process | Organism for intended use | Incubation time |
|------------|-----------------------|---------------------------|-----------------|
| GMBTB-100E | Dry Heat              | Bacillus atrophaeus       | 48 hours        |

### Spore Suspensions

Bacillus atrophaeus  
Cell Line 9372, 2 year shelf life

| Code      | Spore population per 0.1 mL   |
|-----------|-------------------------------|
| SUN-06DHE | 10 <sup>6</sup> (1,000,000)   |
| SUN-07DHE | 10 <sup>7</sup> (10,000,000)  |
| SUN-08DHE | 10 <sup>8</sup> (100,000,000) |



# Quality Control Growth Promotion Test Suspensions

Growth Promotion Test Suspensions provide a quality control challenge to each batch or lot of medium, ensuring its growth-promoting qualities, whether it is prepared internally from basic ingredients or purchased commercially prepared. Inoculate each batch or lot of medium, directly without rehydration, dilution or reconstitution. Visible growth after incubation indicates the culture media is conducive to organism growth.

Excelsior Growth Promotion Test Suspensions are ready-to-use microbial suspensions that meet the requirements of USP <71> Sterility Test. All suspensions comply with the requirement for population of <100 colony forming units (CFU) and are guaranteed to be within five passages of an original stock culture. All Growth Promotion Test Suspensions are provided as pure cultures in 10 mL volumes containing 100 doses (0.1 mL each). Store suspensions under refrigerated conditions  $5^{\circ}\text{C} \pm 3^{\circ}\text{C}$ .

Growth Promotion Test Suspensions are sold in glass vials with screw-top caps containing a septum. The screw-top cap with septum allows for access using either a pipette or a needle and syringe.

The organisms can be used to manufacture suspensions with population levels up to  $10^6$  /0.1 mL or higher. Please enquire for information on population levels greater than 100 Colony Forming Units (CFUs) /0.1 mL for the Growth Promotion organisms.

## Quality Control Growth Promotion Test Suspensions

| Code   | Organism  | Shelf Life |
|--------|---|------------|
| GP-01E | Bacillus subtilis (Cell Line 6633)              | 2 years    |
| GP-06E | Geobacillus stearothermophilus (Cell Line 7953) | 2 years    |
| GP-10E | Bacillus atrophaeus (Cell Line 9372)            | 2 years    |





# Incubators

Excelsior offers aluminium dry-block incubators for use in conjunction with SteriGo™ SCBIs, and SporeGo™ spore ampoules. They offer an ambient to 70°C temperature with a tolerance of ±0.5°C. The 10-well incubators have removable clear polycarbonate lids and easy-read, programmable digital temperature and time displays.

| Code     | Description                                       |
|----------|---|
| INC-13AE | Incubator, N. American plug type. Ambient to 70°C |
| INC-13EE | Incubator, European plug type. Ambient to 70°C    |
| INC-13UE | Incubator, UK plug type. Ambient to 70°C          |

# Self-Seal Autoclave and Sterilisation Pouches

Excelsior autoclave pouches have been designed with a special, easy to use, self seal strip, to allow for the quick and efficient autoclaving of individual items.

- Pouches are self-seal: peel back, fold over and seal, no separate heat sealer required
- Manufactured from 2-ply laminate, transparent film, compliant with EN868-5 and medical grade paper compliant with N868-3
- Autoclavable to 121°C and 134°C
- Indicators for Steam and Ethylene Oxide sterilisation
- Designed with off-set webs for easy opening and tack seals to prevent curling and reduce external contamination
- The minimum width of any seal is 6 mm, tested in accordance with the requirements of Annex C EN868-5
- Tamper evident
- Alcohol-free
- Latex free

Excelsior autoclave pouches are manufactured in a Cleanroom facility, which is specified to operate at ISO Class 7 (FS 209E Class 10,000) classification, in accordance with International Standard ISO 14644-1:1999.



| Code    | Size            | Pouches per pack | Boxes per case |
|---------|-----------------|------------------|----------------|
| L850/AE | 90 mm x 230 mm  | 200              | 20             |
| L850/BE | 135 mm x 255 mm | 200              | 15             |
| L850/CE | 190 mm x 330 mm | 200              | 10             |
| L850/DE | 305 mm x 381 mm | 200              | 5              |



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