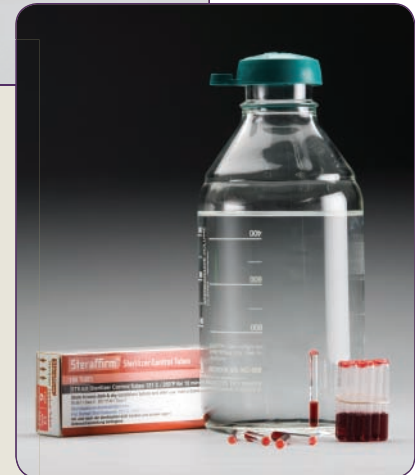


# STERIS Sterility Assurance Systems

- Biological Indicators
- Chemical Indicators
- Sterilization Packaging



## Verify® Self-Contained Biological Indicators

Description	Population	Reorder Number	Quantity
Dual Species	GST E5 / BA E6	S3060	100/box
	GST E5 / BA E6	S3061	50/box
Single Species	GST E6	S3111	100/box
	BA E6	S3112	100/box
<b>Verify Incubators</b>			
		Reorder Number	Quantity
Dual 28 Well		S3080	1
Steam 28 Well		S3082	1
Steam 6 Well		S3271	1
Verify Activator Set		S3075	1



### Verify Self-Contained Biological Indicators

The Verify Self-Contained Biological Indicator System is designed to monitor steam and/or ethylene oxide sterilization processes. Each Verify Indicator consists of a plastic cap and vial containing a disc carrying *Geobacillus stearothermophilus* (GST) and/or *Bacillus atrophaeus* (BA) spores and an ampule of bacterial culture medium combined with a pH indicator. A color change from blue to yellow after activation and incubation gives unmistakable evidence of

microbial growth. In addition, the chemical process indicator printed on each Verify vial label instantly shows that minimum process parameters were attained.

Each lot of Verify Biological Indicators is produced under tightly controlled conditions and thoroughly tested to assure compliance with STERIS' strict quality requirements.

## Verify Process Challenge Devices



Description	Population	Reorder Number	Quantity
Verify EO Test Pack	BA E6	S3070	20 tests/5 controls
Verify Steam Test Pack	GST E5	S3065	20 tests/5 controls

### Verify Process Challenge Devices

STERIS offers Verify Process Challenge Devices in the form of both ethylene oxide (EO) and steam test packs. Process challenge devices are critical in simulating worst case conditions when performing cycle development. The Verify EO and steam test packs were developed to represent a greater resistance than the AAMI test pack. Consequently, the resistance incurred by the challenging design of the test pack is significantly greater than most devices. The Verify Test Packs utilize the Verify Self-Contained Biological Indicator, as well as a chemical indicator, and record card. Each box includes 20 test packs and 5 controls.

## Vaporized Hydrogen Peroxide Monitoring for VHP® Biodecontamination Systems



Description	Reorder Number	Quantity
SporDEX VHP Biological Indicator GST E6 SS Coupons	NA330	100ct
SporDEX VHP Biological Indicator GST E5 Polyflex	NA300-P	100ct
SporDEX Spore Suspension GST E7/.1mL	NA304	1 each
SporDEX SS Coupons (uninoculated)	NB303	100ct
VHP™ Chemical Indicators	NB305	100/box

STERIS provides a complete line of sterility assurance products for use with VHP® Biodecontamination Systems. SporDEX VHP biological indicators, spore suspensions, and chemical indicators are used for validating and monitoring VHP cycles.

# VIS-U-ALL II Sterile Packaging System



The Vis-U-All Sterilization Packaging System is designed for event-related sterile storage of your surgical instruments. Vis-U-All pouches and tubing are available for both high temperature and ethylene oxide applications.

High quality films and paper are used to construct Vis-U-All packaging for maximum sterilant penetration, strength and durability. This high standard helps you confidently prepare each package knowing you will maintain your sterile barrier throughout the processing, storage, and transportation of your sterile surgical instruments.

The Vis-U-All product line offers you a variety of pouch sizes and packaging choices that includes roll tubing for customized barrier protection for larger devices, convenient self-seal designs for locations throughout a facility, and heat seal pouches for high volume throughput.

Internal chemical indicators provide verification that the sterilization process has penetrated the package and eliminates the need for additional chemical indicators for steam and ETO sterilization processes.

## VIS-U-ALL High Temperature and Ethylene Oxide Pouches and Tubing

Available in a wide variety of sizes including tube rolls. Pouches are provided with shelf dispensers. Constructed with 42 lb. high strength paper and 2.5 mil film helps to reduce shattering, linting and wrinkling.

### Vis-U-All Heat Seal Pouch

PART #	Quantity	Size	ID
873038	200/bx, 5 bx/case	3" x 8"	2 <sup>1</sup> / <sub>4</sub> " x 6 <sup>5</sup> / <sub>8</sub> "
873322	200/bx, 4 bx/case	3 <sup>1</sup> / <sub>2</sub> " x 22"	2 <sup>5</sup> / <sub>8</sub> " x 21 <sup>1</sup> / <sub>4</sub> "
873048	200/bx, 5 bx/case	4" x 8"	3 <sup>1</sup> / <sub>4</sub> " x 6 <sup>5</sup> / <sub>8</sub> "
873411	200/bx, 5 bx/case	4 <sup>1</sup> / <sub>2</sub> " x 11"	3 <sup>3</sup> / <sub>4</sub> " x 9 <sup>7</sup> / <sub>8</sub> "
873515	200/bx, 5 bx/case	5" x 15"	4 <sup>1</sup> / <sub>4</sub> " x 13 <sup>7</sup> / <sub>8</sub> "
873610	200/bx, 5 bx/case	6" x 10"	5 <sup>1</sup> / <sub>4</sub> " x 8 <sup>3</sup> / <sub>4</sub> "
873713	200/bx, 5 bx/case	7 <sup>1</sup> / <sub>2</sub> " x 13"	6 <sup>3</sup> / <sub>4</sub> " x 11 <sup>7</sup> / <sub>8</sub> "
873810	200/bx, 5 bx/case	8" x 10"	7 <sup>1</sup> / <sub>4</sub> " x 9 <sup>1</sup> / <sub>2</sub> "
873816	100/bx, 9 bx/case	8" x 16"	7 <sup>1</sup> / <sub>4</sub> " x 15"
873115	100/bx, 5 bx/case	10" x 15"	9 <sup>1</sup> / <sub>4</sub> " x 13 <sup>3</sup> / <sub>4</sub> "
873118	100/bx, 4 bx/case	13" x 18"	12 <sup>1</sup> / <sub>4</sub> " x 17"
873116	100/bx, 5 bx/case	16" x 16"	15 <sup>1</sup> / <sub>4</sub> " x 14 <sup>3</sup> / <sub>4</sub> "
873123	100/bx, 5 bx/case	19" x 23"	17 <sup>5</sup> / <sub>8</sub> " x 21 <sup>1</sup> / <sub>4</sub> "

### Vis-U-All Heat Seal Tubing

PART #	Quantity	Size	ID
871031	10 rolls/case	3" x 100'	2 <sup>1</sup> / <sub>4</sub> " x 100'
871041	10 rolls/case	4" x 100'	3 <sup>1</sup> / <sub>4</sub> " x 100'
871061	10 rolls/case	6" x 100'	5 <sup>1</sup> / <sub>4</sub> " x 100'
871091	6 rolls/case	9" x 100'	8 <sup>1</sup> / <sub>4</sub> " x 100'
871121	6 rolls/case	12" x 100'	11 <sup>1</sup> / <sub>4</sub> " x 100'

### Vis-U-All Self Seal Pouch

PART #	Quantity	Size	ID
874039	200/bx, 4 bx/case	3 <sup>1</sup> / <sub>2</sub> " x 9"	2 <sup>3</sup> / <sub>4</sub> " x 8 <sup>5</sup> / <sub>8</sub> "
874322	200/bx, 4 bx/case	3 <sup>1</sup> / <sub>2</sub> " x 22"	2 <sup>3</sup> / <sub>4</sub> " x 21 <sup>1</sup> / <sub>4</sub> "
874411	200/bx, 4 bx/case	4" x 11"	3 <sup>1</sup> / <sub>4</sub> " x 9 <sup>7</sup> / <sub>8</sub> "
874510	200/bx, 4 bx/case	5 <sup>1</sup> / <sub>4</sub> " x 10"	4 <sup>1</sup> / <sub>2</sub> " x 8 <sup>3</sup> / <sub>4</sub> "
874515	200/bx, 4 bx/case	5" x 15"	4 <sup>1</sup> / <sub>4</sub> " x 13 <sup>1</sup> / <sub>2</sub> "
874713	200/bx, 4 bx/case	7 <sup>1</sup> / <sub>2</sub> " x 13"	6 <sup>3</sup> / <sub>4</sub> " x 11 <sup>1</sup> / <sub>2</sub> "
874816	200/bx, 4 bx/case	8" x 16"	7 <sup>1</sup> / <sub>4</sub> " x 14 <sup>7</sup> / <sub>8</sub> "
874118	100/bx, 4 bx/case	13" x 18"	12 <sup>1</sup> / <sub>4</sub> " x 17"
874128	100/bx, 6 bx/case	10 <sup>1</sup> / <sub>2</sub> " x 28"	9 <sup>3</sup> / <sub>4</sub> " x 26 <sup>5</sup> / <sub>8</sub> "
874116	100/bx, 5 bx/case	16" x 16"	15 <sup>1</sup> / <sub>4</sub> " x 14 <sup>7</sup> / <sub>8</sub> "
874123	100/bx, 5 bx/case	19" x 23"	17 <sup>5</sup> / <sub>8</sub> " x 21 <sup>1</sup> / <sub>4</sub> "

## VIS-U-ALL Low Temperature Tyvek Pouches and Tubing

Vis-U-All Tyvek low-temperature pouches and tubing are designed for use in ethylene oxide applications, and use 1073B uncoated, puncture resistant medical grade Tyvek combined with 2.0 mil film.

### Vis-U-All Tyvek Heat Seal Pouch

PART #	Quantity	Size	ID
875037	100/bx, 10 bx/case	3" x 7"	2 <sup>1</sup> / <sub>4</sub> " x 5 <sup>3</sup> / <sub>4</sub> "
875049	100/bx, 10 bx/case	4" x 9"	3 <sup>1</sup> / <sub>4</sub> " x 7 <sup>5</sup> / <sub>8</sub> "
875412	100/bx, 10 bx/case	4" x 12"	3 <sup>1</sup> / <sub>4</sub> " x 10 <sup>5</sup> / <sub>8</sub> "
875422	100/bx, 10 bx/case	4" x 22"	3 <sup>1</sup> / <sub>4</sub> " x 20 <sup>7</sup> / <sub>8</sub> "
875610	100/bx, 10 bx/case	6" x 10"	5 <sup>1</sup> / <sub>4</sub> " x 8 <sup>5</sup> / <sub>8</sub> "
875812	100/bx, 10 bx/case	8" x 12"	7 <sup>1</sup> / <sub>4</sub> " x 10 <sup>5</sup> / <sub>8</sub> "
875115	100/bx, 5 bx/case	10" x 15"	9 <sup>1</sup> / <sub>4</sub> " x 14"
875118	100/bx, 4 bx/case	12" x 18"	11 <sup>1</sup> / <sub>4</sub> " x 17"

### Vis-U-All Tyvek Tubing

PART #	Quantity	Size	ID
872031	10 rolls/case	3" x 100'	2 <sup>1</sup> / <sub>4</sub> " x 100'
872041	10 rolls/case	4" x 100'	3 <sup>1</sup> / <sub>4</sub> " x 100'
872061	10 rolls/case	6" x 100'	5 <sup>1</sup> / <sub>4</sub> " x 100'
872091	6 rolls/case	9" x 100'	8 <sup>1</sup> / <sub>4</sub> " x 100'
872141	6 rolls/case	14" x 100'	13 <sup>1</sup> / <sub>4</sub> " x 100'

### Vis-U-All Tyvek Self Seal Pouch

PART #	Quantity	Size	ID
876037	100/bx, 8 bx/case	3" x 7"	2 <sup>1</sup> / <sub>4</sub> " x 5 <sup>7</sup> / <sub>8</sub> "
876049	100/bx, 8 bx/case	4" x 9"	3 <sup>1</sup> / <sub>4</sub> " x 7 <sup>7</sup> / <sub>8</sub> "
876412	100/bx, 8 bx/case	4" x 12"	3 <sup>1</sup> / <sub>4</sub> " x 10 <sup>7</sup> / <sub>8</sub> "
876422	100/bx, 8 bx/case	4" x 22"	3 <sup>1</sup> / <sub>4</sub> " x 20 <sup>7</sup> / <sub>8</sub> "
876610	100/bx, 8 bx/case	6" x 10"	5 <sup>1</sup> / <sub>4</sub> " x 8 <sup>7</sup> / <sub>8</sub> "
876812	100/bx, 8 bx/case	8" x 12"	7 <sup>1</sup> / <sub>4</sub> " x 10 <sup>7</sup> / <sub>8</sub> "
876115	100/bx, 5 bx/case	10" x 15"	9 <sup>1</sup> / <sub>4</sub> " x 13 <sup>7</sup> / <sub>8</sub> "
876118	100/bx, 4 bx/case	12" x 18"	11 <sup>1</sup> / <sub>4</sub> " x 16 <sup>7</sup> / <sub>8</sub> "

ID = Internal diameter within lamination  
 Note: CE marked pouches and tubing are available for the European market.

## Process Indicators / Chemical Indicators / Chemical Integrators



Chemical indicators are designed to monitor achievement of sterilization cycle parameters for steam and ethylene oxide sterilization cycles. Verify Integrators monitor multiple parameters and are biologically correlated to provide the highest level of sterility assurance available in a chemical indicator.



The STERIS Daily Air Removal Test (Dart) is a convenient, ready-to-use test for qualification of proper air removal in pre-vacuum steam sterilizers. Dart is the most accurate and sensitive air removal test available.



The Bowie-Dick Test Card is a highly compact, ready-to-use test for proper air removal in a pre-vacuum steam sterilizer.

Description	Reorder Number	Quantity
Verify Laminated Steam and EO Integrator	810110	250/box
Verify Steam and EO Integrator	810010	250/box
Verify Laminated EO Integrator	806110	100/box
Verify Steam Integrator Strip (Short)	801010	250/box
Verify Steam Integrator Strip (Long)	800510	250/box
Verify C6 250°F (121°C) Short Steam Integrator	PCC005	Box (200 strips)
Verify C6 270°F (132°C) Short Steam Integrator	PCC006	Box (200 strips)
Verify C6 250°F (121°C) Long Steam Integrator	PCC007	Box (100 strips)
Verify C6 270°F (132°C) Long Steam Integrator	PCC008	Box (100 strips)
Verify Valueline EO Chemical Indicator	PCC003	1 bx. of 250
Verify Valueline EO Chemical Indicator	PCC004	1 case of 4 bxs.
Verify Valueline Steam Chemical Indicator	PCC009	1 bx. of 250
Verify Valueline Steam Chemical Indicator	PCC010	1 case of 4 bxs.
Dart® Air Removal	NB113	50/case
Dart 10 Pack	NB215	10/pack
Dart Record Forms	RK001	100/box
Bowie-Dick Test Card Holder	S3096	1/box
Bowie-Dick Test Card Multi-Pulse Prevacuum	S3095	31/box
Steam Tape 1" x 60 yd.	260010	9/sleeve
Gas Tape 1" x 60 yd.	410100	9/sleeve
Dispenser, Multiroll	PD004	each
Temp-A-Sure™	NB225	50/box
Chemdi Dry Heat Label	NB006	1000/box



Temp-A-Sure measures temperature inside washing equipment to assure efficiency.

Four indicator windows (160°F/71°C, 170°F/77°C, 180°F/83°C, and 190°F/88°C) indicate process temperature is achieved.



## SpordeX Biological Indicators



### SpordeX/Spordi Strips and Discs

SpordeX and Spordi biological indicators are designed for determining the effectiveness of steam, ethylene oxide, or dry heat sterilization procedures. Each strip and disc is produced from a special filter paper inoculated with bacterial spores. The strips are produced under controlled conditions to meet the suggested performance parameters of The U.S. Pharmacopoeia. Biological indicators with known resistance provide the standard required to ensure consistent sterility monitoring. To provide greater control and flexibility, custom designed biological indicators with specified population and D-value ranges are available in addition to the standard products listed below.

### SpordeX Spore Suspension

SpordeX spore suspensions are available with spores of *Bacillus atrophaeus* (BA) for ethylene oxide and dry heat cycles or *Geobacillus stearothermophilus* (GST) for saturated steam cycles. SpordeX suspension is provided in 10 mL vials (approximately 100 product inoculations) and includes a 1.0 mL disposable sterile dispenser and instruction pamphlet.



### SpordeX Culture Media

Developed to be used with STERIS SpordeX and Spordi biological indicator strips, SpordeX Culture Media consists of a modified soybean casein digest broth that contains a pH indicator. An easy-to-read color change in the medium to yellow is indicative of microbial growth.



Description	Reorder No.	Quantity
For EO and Dry Heat		
E6 B. atrophaeus - strips	NA005	500
E6 B. atrophaeus - strips	NA004	100
E6 B. atrophaeus - discs	NA075	1000
E6 B. atrophaeus - discs	NA130	100
For Steam		
E6 G. stearothermophilus - strips (D-value = 1.5-2.5)	NA037	500
E6 G. stearothermophilus - strips (D-value = 1.5-2.5)	NA039	100
E6 G. stearothermophilus - strips (D-value = 2.0-2.5)	NA141	500
E6 G. stearothermophilus - strips (D-value = 2.0-2.5)	NA139	100
E6 G. stearothermophilus - strips (D-value = 1.5-1.9)	NA142	500
E6 G. stearothermophilus - strips (D-value = 1.5-1.9)	NA143	100
E5 G. stearothermophilus - strips	NA036	500
E4 G. stearothermophilus - strips	NA007	500
E4 G. stearothermophilus - strips	NA006	100
For EO, Dry Heat, and Steam		
E6 B. atrophaeus/104 G. stearothermophilus - strips	NA008	500
E6 B. atrophaeus/104 G. stearothermophilus - strips	NA010	100
Test Sets		
Spordi Lab Culture Set	NA214	10
Spordi User Culture Set	NA015	24

Description	Population	Reorder Number	Quantity
B. atrophaeus - spore suspension			
	E7/.1mL	NA026	1
	E6/.1mL	NA002	1
G. stearothermophilus - spore suspension			
	E7/.1mL	NA091	1
	E6/.1mL	NA030	1

Description	Reorder Number	Quantity
Culture Media	NA114	100/box

# Steraffirm™ Chemical Indicators

## Chemical Indicators for Life Science Applications

### Steraffirm™ Bowie Dick Test Packs for Steam Prevacuum Cycles



Description	Reorder No.	Quantity
Steraffirm Bowie Dick Test Packs for 132°C/270°F	EQ001	20/box
Steraffirm Bowie Dick Test Packs for 121-124°C/250-255°F	EQ003	20/box
TST Bowie Dick Test Packs for 134-137°C/273-279°F	2352AB	20/box

### Steraffirm™ Control Tubes for Steam and Dry Heat Sterilization



Description	Reorder No.	Quantity
Steraffirm Control Tubes for Steam 121°C/250°F for 15 minutes	PCC024	100/box
Steraffirm Control Tubes for Steam 121°C/250°F for 12 minutes	PCC025	100/box
Steraffirm Control Tubes for Steam 134°C/273°F for 3 minutes	PCC026	100/box
Steraffirm Control Tubes for Dry Heat 160°C/320°F for 60 minutes	PCC027	100/box
Steraffirm Control Tubes for Dry Heat 160°C/320°F for 120 minutes	PCC028	100/box

### Steraffirm™ Steam Class 6 Emulating Indicators for Steam Sterilization



Description	Reorder No.	Quantity
Steraffirm Steam Class 6 Emulating Indicator 121°C/250°F for 15 minutes	PCC012	100/box
Steraffirm Steam Class 6 Emulating Indicator 134°C/273°F for 3.5 minutes	PCC013	100/box
Steraffirm Steam Class 6 Emulating Indicator 134°C/273°F for 9 minutes	PCC014	100/box

STERIS Corporation is a leading provider of infection prevention, contamination prevention, microbial reduction, and therapy support systems, products, services, and technologies to health care, scientific, research, food, and industrial customers throughout the world.

# STERIS®



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