

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
Verify Incubators			
		Reorder Number	Quantity
Dual 28 Well 220 VAC		S3081	1
Steam 28 Well 220 VAC		S3083	1
Steam 6 Well 220 VAC		S3269	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)	NA303	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.

CE Marked Sterilisation Pouches and Tubing for Steam and EO Gas

Flat Pouches

Provides an effective solution for sterilisation, safe handling and storage of all items until the moment they are used.



Single Use Flat Sterilisation Pouches

Size	Quantity	Item Code
75mm x 170mm	1,000	NWFP07517
75mm x 200mm	1,000	NWFP07520
75mm x 270mm	1,000	NWFP07527
75mm x 400mm	1,000	NWFP07540
100mm x 200mm	1,000	NWFP1020
100mm x 260mm	1,000	NWFP1026
100mm x 300mm	1,000	NWFP1030
100mm x 350mm	1,000	NWFP1035
100mm x 400mm	1,000	NWFP1040
140mm x 200mm	1,000	NWFP1420
140mm x 250mm	1,000	NWFP1425
140mm x 290mm	1,000	NWFP1429
150mm x 200mm	1,000	NWFP1520
150mm x 250mm	1,000	NWFP1525
150mm x 300mm	1,000	NWFP1530
150mm x 350mm	1,000	NWFP1535
150mm x 400mm	1,000	NWFP1540
250mm x 350mm	1,000	NWFP2325
250mm x 400mm	1,000	NWFP2540
280mm x 350mm	1,000	NWFP2835
280mm x 400mm	1,000	NWFP2840
280mm x 480mm	1,000	NWFP2848
300mm x 400mm	1,000	NWFP3040
300mm x 450mm	1,000	NWFP3045

Self Seal Sterilisation Pouches

Provides an effective solution for sterilisation, safe handling and storage of all items until the moment they are used.



Self-Seal Sterilisation Pouches

Size	Quantity	Item Code
75mm x 250mm	200	NWKP7520
90mm x 150mm	200	NWKP0915
90mm x 230mm	200	NWKP0923
90mm x 270mm	200	NWKP0927
90mm x 600mm	200	NWKP0960
100mm x 360mm	200	NWKP1036
110mm x 280mm	200	NWKP1128
130mm x 250mm	200	NWKP1325
130mm x 290mm	200	NWKP1329
130mm x 360mm	200	NWKP1336
140mm x 280mm	200	NWKP1428
140mm x 300mm	200	NWKP1430
150mm x 300mm	200	NWKP1530
200mm x 330mm	200	NWKP2033
200mm x 350mm	200	NWKP2035
200mm x 420mm	200	NWKP2042
300mm x 400mm	200	NWKP3040
300mm x 420mm	200	NWKP3042

Flat Reels

Suitable for packaging extra long products or creating individual pouches of special length.



Single Use Flat Sterilisation Reels

Size	Quantity	Item Code
50mm x 200m	1 Roll	NWFL05200
75mm x 200m	1 Roll	NWFL75200
100mm x 200m	1 Roll	NWFL10200
150mm x 200m	1 Roll	NWFL15200
200mm x 200m	1 Roll	NWFL20200
250mm x 200m	1 Roll	NWFL25200
300mm x 200m	1 Roll	NWFL30200
350mm x 200m	1 Roll	NWFL35200
400mm x 200m	1 Roll	NWFL40200

Tyvek® Reels for EO Gas



Tyvek Packaging

Tyvek® is a unique material in the stable packaging materials classification. Tyvek® is known for its outstanding strength, durability, and tear resistance.

Size	Quantity	Item Code
75mm x 70m	1 Roll	NWTY7570
100mm x 70m	1 Roll	NWTY1070
150mm x 70m	1 Roll	NWTY1570
200mm x 70m	1 Roll	NWTY2070
250mm x 70m	1 Roll	NWTY2570
300mm x 70m	1 Roll	NWTY3070
350mm x 70m	1 Roll	NWTY3570
400mm x 70m	1 Roll	NWTY4070

1 millimeter (mm) = 0.04 inch

1 inch = 25.4 mm

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.



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.

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) 30 Minute Short Steam Indicator	PCC005	Box (200 strips)
Verify C6 270°F (132°C) 4 minute Short Steam Indicator	PCC006	Box (200 strips)
Verify C6 250°F (121°C) 30 Minute Long Steam Indicator	PCC007	Box (100 strips)
Verify C6 270°F (132°C) 4 minute Long Steam Indicator	PCC008	Box (100 strips)
Verify Valueline EO Chemical Indicator Class 1	PCC003	1 bx. of 250
Verify Valueline EO Chemical Indicator Class 1	PCC004	1 case of 4 bxs.
Verify Valueline Steam Chemical Indicator Class 1	PCC009	1 bx. of 250
Verify Valueline Steam Chemical Indicator Class 1	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

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®



STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-444-9009
www.steris.com

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