

international sterilization catalog





Look for the Eco-Friendly seal for our new latex, lead & heavy metal free products

sterilizer testing	steam, gravity	steam, pre-vacuum	steam, flash	dry heat	ethylene oxide	chemical vapor	daily	weekly	each load	each pack	when required	table of
3 once-a-day [®] bowie & dick test packs												()
4 alert-o.a.d.®												
4 duo-spore [®] biological indicator system												
5 vapor line [®] reusable steam												
sterilization process challenge test												<u> </u>
6 bi-o.k.® steam test-pak™												_
7 bio-challenge test-pak®												- en el
8 bi-o.k.® steam indicator vials												
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8 bi-o.k. [®] biological indicator incubator												
9 duo-check [®] steam test pack												
9 pass/fail [®] steam challenge pack												
packaging												$(\cap$
10 chex-all [®] & chex-all [®] pouches												
11 chex-all® tubes & pouches												
11 heat sealers												
12 o.k. [®] sterilizer bags												
13 steri-wrap [®] I, II, III												
13 dust covers												
14 strate-line [®] autoclave tape												
14 blue autoclave tape												
14 gas-chex [®] eo gas tape												
14 gas-chex [®] green plastic bags												
sterilization indicator												
15 emu-chex™ class 6 indicators												
15 o.k. [®] indicator strips												
16 strate-line [®] indicator strips												
16 smalstrip [®] indicator strips												
16 twindicator® strips												
17 duo-flash [®] sterilization indicator cards												
17 gas-chex [®] eo indicator strips												
18 steam-dot blu [®] indicators												
18 steam-dot [®] indicators												
18 steri-dot [®] indicators												
19 vapor line [®] steam sterilization integrators												
sterilization indicator												
20 decontamination bacs												
20 biohazard baas												
22 Iddel applicators & ladels												
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Look for our new generation of eco-friendly products



pg4 Expanded Biological Indicator Offering... Take a look at our new options for biological sterilization monitoring.

pg9 Duo-Check[®]: Release implants instantly... Still waiting for a 3 hour BI vial readout? See Propper's AAMI/ISO inspired alternative.



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Biological Indicator System

Lead Free Emulating Class 6 Indicator Strips **PSI5**

Propper's Eco-Friendly seal signifies that the product contains no latex, lead or other heavy metals.



Once-A-Day[®] Ecos[™]

Bowie & Dick Test for prevacuum sterilizers

Ecos™ introduces new developments in Bowie & Dick testing based on our advanced lead and heavy metal free ink formulation. The pack demonstrates exceptional performance and features an unmatched reduction of environmental impact and hazardous substances.

Eco-Friendly

- Non-toxic, no environmental pollutants
- Manufactured without lead & heavy metals
- Latex Free & biodegradable

Best-in-Class Performance

- Reveals leaks, residual air & non-condensable gases
- Detects low temperature/pressure conditions, wet & superheated steam
- Guarantees distinct color change
- Processed test sheets will not revert

Full compliance with all requirements of: ISO 11140-1:2006, Class 2 ISO 11140-4:2007



24 packs per case

LEAD & HEAVY METAL FREE

propper

No. 26611

Once-A-Day II®

Since the original publication by Bowie and his coworkers of the Bowie and Dick Test¹, Propper has pioneered many new developments in the test system including the first pre-printed test sheet and the first pre-assembled disposable test pack. The Once-A-Day test systems set the standard for accuracy, convenience and utility, and satisfy current rigorous standards in sterilization monitoring².

A pre-assembled disposable Bowie & Dick type test designed for daily monitoring of pre-vacuum sterilizers operated at 134-137°C. Identical in challenge to the standard AAMI towel pack. Guarantees detection of the residual air in sterilizers caused by air leakage, pump malfunctions and other technical problems.



Bowie J.H., Kelsey J.C., and Thompson G.R.: The Bowie and Dick Autoclave Tape Test. The Lancet, March 16, 1963. p. 586-587.

² ANSI/AAMI ST79:2010. Comprehensive guide to steam sterilization and sterility assurance in health care facilities. Arlington, VA, 2006.

Alert-O.A.D.[®] Bowie & Dick Type Test

Alert-O.A.D.[®] – a proven equivalent to the standard Bowie and Dick Towel Pack – is the "container" type test pack preferred by many American sterilization professionals.



Duo-Spore® Biological Indicator System

For monitoring the efficacy of steam, ethylene oxide gas, chemical vapor and dry heat sterilization processes used in healthcare facilities, body modification parlors and industry.

Biological monitoring is recommended weekly, but preferably daily, and with every load containing implants^{1,2,3}. Duo-Spore[®] Biological Indicator Strips are certified for Species, Population, D-value, Z-value (as appropriate) and Expiry. Our culture media is manufactured in accordance with Association for the Advancement of Medical Instrumentation (AAMI) ST-79 recommendations and U.S. Pharmacopeia (USP) Guidelines.

Duo-Spore® Biological Indicator Strips

Duo-Spore® Biological Indicator Strips are prepared from suspensions of Geobacillus stearothermophilus and Bacillus atrophaeus and encased in a peel-open glassine pouch. The glassine pouch allows for exposure of the enclosed strip to the sterilant, without exposure to ambient air, moisture and potential contaminants, allowing for worry-free transfer to culture media after cycle completion.

Duo-Spore® Culture Media

Propper manufactures ready-to-use Tryptic Soy Broth (TSB) culture media which is specially formulated for use with biological indicators (BIs). In-house studies show that our media features a higher spore recovery rate, providing for a more dependable test.



Vapor Line[®] Reusable Steam Sterilization Process Challenge Test



The Vapor Line[®] Reusable Steam Sterilization Process Challenge Test is a reusable process challenge device for use in prevacuum steam sterilization processes at 273°F/134°C.

It consists of a metal capsule with a removable cap equipped with a plastic holder for the Propper Vapor Line[®] Integrator. The capsule is connected to a special lumen whose coiled configuration helps control steam penetration into the device.

During the sterilization cycle, the open end of the lumen is the only means by which residual air can exit and steam can enter the metal capsule where the integrator is located. This path presents a significant challenge to steam penetration. The integrator display will indicate whether all the conditions necessary for sterilization have been met. Regular use of the test during sterilization will help to ensure adequate steam penetration in wrapped, unwrapped solid, porous and hollow instrument loads.

reorder no.	Description	Quantity
26906900	Vapor Line® Process Challenge	1
	Test Device in plastic case	
26900510	Vapor Line [®] steam sterilization integrator	100 integrators per pouch
	without extender	
26900925	Vapor Line [®] steam sterilization integrator	250 integrators per pouch
	without extender	

BI-OK[®] Steam Test-pak[™]

Sterilization processing of hospital goods can be tedious and error-prone. When you need the ultimate biological test for steam autoclave effectiveness, choose the BI-OK® steam test-pak[™] - your guarantee of sterilization efficacy. With BI-OK® steam test-pak[™] you can rest assured that proper sterilization parameters have been achieved. And, BI-OK® steam test-pak[™] delivers the convenience of a record that documents the date, department, temperature, cycle time, sterilizer and load number. The operator initials and test results are entered along with control results for permanent documentation that autoclave equipment is functioning properly.







3. Open the pack and remove indicator and record card. **Caution:** contents may be hot. Glass ampule may burst if crushed or handled excessively before cooling. Personnel should use appropriate gloves and safety glasses.



4. Examine the indicator for correct exposure. Note: If the color change is incorrect, the test should be repeated with a new pack. The sterilizer and/or cycle should be examined.





reorder no.	Description	Packaging
26920500	5 controls	20 pack
26921000	10 controls	20 pack
26922000	20 controls	20 pack

Bio-Challenge Test-Pak®

For use with biological indicators in testing all steam sterilizers, pre-vacuum or gravity.



Packaging: 20 packs per case

Accurate: Proven to be equivalent to the standard AAMI test pack¹.

Convenient: Works with the biological indicator already used, self contained or spore strip type. No need to purchase new incubators.

Ready: Pre-assembled, ready to accept the biological indicator of choice.

Accepted: Bio-challenge is accepted for regular monitoring of all steam sterilizers, weekly, daily, as specified².

Complete: Box top is preprinted with all necessary information required for record keeping (may be removed and filed)



1. Open test pack lid. Remove chemical indicator strip and top stack of sheets.



2. Place biological indicator(s) into chamber and place the chemical indicator strip over the chamber.



¹.Propper Professional Information Report 85-1. Evaluation of the Bio-Challenge Test-Pak® compared to the standard linen biological test pack.

²ANSI/AAMI ST79:2010. Comprehensive Guide to Steam Sterilization and Sterility Assurance in Health Care Facilities. Arlington, VA, 2010.



3. Replace top stack of sheets and close lid. Place pack, lid up, on bottom shelf near the door of a fully loaded autoclave. Run a normal sterilization cycle.

5. Process biological indicator(s) according to manufacturer's instructions.

6. For a permanent record, tear off pack lid along perforations. Fill in required information and attach processed chemical indicator strip.



4. Open pack and examine chemical indicator for correct exposure. If underexposed, repeat procedure using a new test pack and new biological indicator(s).

BI-O.K.® Self-Contained Biological Indicators

Propper BI-OK® self-contained biological indicators for Steam and EO gas are designed for sterilization efficacy monitoring in hospitals, clinics, and for industrial applications. After processing in a sterilization cycle and activation of media by crushing the glass vial, indicators need to be incubated at 57°C for steam and 37°C for EO Gas indicators. A color change in the media will indicate spore growth and sterilization failure.

The Steam BI-OK[®] indicator is suitable for use in a standard AAMI linen pack or in the Bio-Challenge Test-Pak® for monitoring pre-vacuum and gravity displacement sterilizers. The EO gas indicator is designed for use in a recommended EO challenge pack which consists of a plastic svringe, with the needle end open, placed in a cotton towel. The towel is then placed in one peel pouch or wrapper, or in other packs that meet AAMI requirements.

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BI-O.K.® Biological Indicator Incubator

The Propper BI-OK® Biological Indicator Incubator is a universal incubation device designed for both the Steam and the EO gas indicator vials with 13 cavities for for incubation and 1 vial crushing cavity. The incubation temperature can be selected by setting the toggle switch on the bottom of the unit. The recommended incubation temperature for Steam indicator is 57°C, for EO Gas indicator is 37°C.

reorder no. 26941900

Description 13-cavity steam (57°C) and EO gas (37°C)

Packaging 1 incubator per box 110/220v universal incubator

Duo-Check[™] Steam Test Pack

Duo-Check[™] combines the immediate accuracy of Vapor Line[®] Class 5 Integrator with the traditional reliability of the BI-O.K.[®] spore test without the need to wait for an early readout biological vial. Say "Goodbye" to costly recalls and release with confidence!

Instantaneous Results:

- Release sterilizer loads immediately without waiting for biological indicator result
- In emergency situations, Duo-Check[™] can be used to release implant and mixed loads
- Instant cost savings by combining two recommended cycle monitors into one pack

Unwavering Performance:

- Equivalent to the standard AAMI 16 towel pack
- Patented pack design guarantees consistent performance and keeps integrity even in sterilizers with deep vacuum phase
- Vapor Line[®] Integrator demonstrates equivalence in performance to biological indicators, with an additional margin of safety

Flexible Application

- Universally compatible with all hospital-size sterilizers running standard gravity (121°C) or prevacuum (132°C) cycles
- Monitors standard, implant and mixed loads with unparalleled sterility assurance



20 test packs per case

Propper PASS/FAIL® Steam Challenge Pack

A single-use test pack designed to provide a challenge to 121°C gravity displacement and 134°C prevacuum sterilizers in modern hospital practice. Equivalent in performance to a biological indicator in the AAMI approved linen pack.

Propper PASS/FAIL® Steam Challenge Pack **PASS** results reflect conditions in the sterilizer that exceed those required to kill spores of biological indicators. **FAIL** results mean that conditions required for sterility have not been met.

The Propper PASS/FAIL® Steam Challenge Pack comes complete with the Vapor Line® Integrator, that provides a clear, simple and immediate readout.

According to ANSI/AAMI ST-79:2010, non-implant load release decision can be based on the results of challenge test pack (PCD) with Class 5 integrator*.

* According to ANSI/AAMI ST-79:2010, in emergency situations Class 5 Integrator within a PCD can be used for immediate release of loads containing implants with the following evaluation of the results of biological indicators within the PCD.



Instant Sealing Pouches Chex-All[®] II Pouches

The only instant sealing sterilization pouches with steam and E.O. gas indicators inside and outside.

Great money savers because the need to purchase separate indicator strips is eliminated. They have indicator imprints on both the inside and outside. This unique feature monitors the effective penetration of steam or ethylene oxide gas on the inside of the package. The self-sealing feature eliminates the need for expensive and troublesome heat sealing machines, yet provides a seal as effective in maintaining sterility as any heat seal.



1. Insert item in pouch



2. Remove strip from adhesive



3. Fold and seal pouch

www.proppermfg.com 800•832•4300

Chex-All[®] II

reorder No.	inches	quanity per case*	
02400800	3x8	500	
02401000	3x10	500	
02401200	7x12	500	
02401400	8x16	250	
02401500	5x15	500	
02401800	12x18	250	
02402800	3.5x24	500	



*2 boxes per case

Chex-All® III Pouches

For Steam or EO Gas Sterilization

Process indicators are printed on the pouch corners and covered by the extension of the transparent film beyond the sealed area. This guarantees protection of the indicators from direct contact with metal trays or instruments, yet does not obstruct observation of the indicator color change.

Chex-All[®] III

eorder no.	inches	
02430900	3.5x9.5	100 per box, 10 boxes per case
02431000	5.25x10	100 per box, 10 boxes per case
02431300	7.5x12	100 per box, 10 boxes per case
02431400	9x16	100 per box, 5 boxes per case
02431500	5x15	100 per box, 10 boxes per case
02431800	13x18	100 per box, 5 boxes per case

Features for Chex-All[®] II & Chex-All[®] III Pouches:

- In steam autoclave: Yellow indicators change to gray-black
- In gas: Red indicators change to green
- 3/4-inch wide adhesive line guarantees easy and reliable sealing
- Triple sealed paper/plastic film: Provides excellent sterility protection
- The hermetic seal will not open in steam autoclaves and is not affected by Ethylene Oxide gas
- Chevron with corner seals assures dust-free, aseptic presentation
- Transparent side of the pouches facilitates visual inspection of sterilizable materials and instruments
- Premium quality 2.5 mil plastic and 73-74g medical grade paper resistant to tearing and bacterial penetration provide a high degree of protection

Heat Sealable Tubes & Pouches Chex-All® Tubes & Pouches

Premium quality sterile packaging products designed to reduce the cost of sterilization processing. They have independent indicators imprinted on both inside and outside of every pouch. While external indicators serve as process indicators, the internal indicators monitor the effective penetration of steam or EO gas on the inside of the package.

Chex-All[®] pouches and tubes are made of premium quality, high-resistance 2.5 mil plastic and 73-74 g medical grade paper that guarantee integrity of the packaging in pre-vacuum and gravity sterilization cycles even with heavy instruments.

Features:

- In steam: Yellow indicators change to gray-black
- In gas: Red indicators change to green
- •Triple sealed paper/plastic film:
- Provides excellent sterility protection

C	hex-All® Pouch	inches	
	reorder no.		
	02500800	1000	3x8
	02501000	1000	5x10
	02501200	1000	7x12
	02501400	500	8x16
	02501800	500	18x24
	02502400	500	3.5x24
	02502800	1000	12x18

rolls per cas	e inches
10	2
10	3
10	4
10	6
6	9
6	12
	rolls per cas 10 10 10 10 6 6



reorder no. 02711600 220 v reorder no. 02701600 110 v





reorder no.	size	packaging
02100200	21⁄2″ x 11⁄2″ x 8″	1000 per case
02100300	2 ¹ / ₂ " x 11 ¹ / ₂ " x 10"	1000 per case
02101100	5 ^{3/} 8″ x 1½″ x 12″	1000 per case

O.K.® Sterilizer Bags

These all-paper, high quality, gusseted sterilization packaging bags are available in three sizes and are manufactured to meet stringent requirements.

The exterior of each bag carries a pre-printed process indicator to allow easy identification of packs that have been subjected to the steam sterilization process. Superior quality medical grade paper and seals maintain the bags integrity even in the case of wet steam.

The vertical seam is double bonded for security and there are designated areas to log the date, the operators' initials, and the contents.

The bags are designed to be closed by folding over the top edge a number of times and then sealing this with autoclave tape. Their "fold and tape" design is ideal for easy and quick use. It also allows the prevention of the problems associated with imperfect heat sealing that may be due to faulty equipment or user error.

Propper recommends O.K.[®] Sterilizer Bags for use within wrapped sets or containment devices as a better alternative to paper-plastic pouches. All-paper bags due to steam penetration through all sides of the bag allow for adequate air removal, steam contact, and drying. For that purpose paper-plastic pouches, according to section 8.3.4 "Paper-plastic pouches" of ANSI/AAMI ST-79:2010, are not appropriate.

Features:

- All paper bags are the most economical packaging material for sterilization
- Surfaces have extra-smooth, machine-glazed paper finish to eliminate lint
- All-paper bag will not become dry or brittle; allowing each item to be stored for maximum recommended period of time
- Each bag has a printed chemical indicator that turns brown after a succesful steam sterilization process

All sizes possess a gusset that allows bulky objects to be placed inside the bags. Each bag may be processed only once.

packaging] (-

Steri-Wrap®

Propper offers a selection of 3 types of single use non-woven fabric for hospital, clinic, and professional office wrapping applications.

All 3 types of Steri-Wrap® share the following features:

- Efficient microbial barrier and provides for pack security
- Virtually lint free and has a tightly anchored fiber structure
- Does not delaminate and can be used on either side
 Excellent liquid repellency and is an effective barrier against contamination of contents
- In steam sterilization can be used in both gravity & prevacuum cycles

Steri-Wrap I: Suitable for all types	size	Steri-Wrap I		Steri-Wrap II		Steri-Wrap III	
of packaging needs	inches	reorder no.	qty./case	reorder no.	qty./case	reorder no.	qty./case
	12x12	31101200	1000	31201200	1000	-	-
Steri-Wrap II:	15x15	31101500	1000	31201500	1000	-	-
A softer wrap for	18x18	-	-	-	-	31301800	400
greater drape-ability	20x20	31102000	500	31202000	500	-	-
Chavi Wixeen III.	24x24	31102400	500	31202400	500	31302440	400
Steri-wrap III:	30x30	31103040	400	31203040	400	-	-
A silong wup especially suitable for	36x36	31103620	200	31203620	200	31303600	150
heavy instrument travs	40x40	31104000	150	31204000	150	-	-
no dry monarnorn nayo	45x45	31104500	100	31204500	100	31304510	100
	48x48	31104800	100	31204800	100	31304810	100
	54x54	-	-	31205400	100	31305400	50
	54x72	31105700	50	-	-	31305700	50

Nonslip & Self Seal Dust Covers

Plastic dust covers protect the sterile pack during storage, handling and transportation from dust, moisture or airborne contaminants, and extend sterile shelf life when definite shelf life times are used.

Dust covers are recommended by AAMI for better protection of processed items. Ours feature a label application area and a matter finish for handwriting.



Self Seal	QTY.	
reorder no.	per case	inches
32121000	1,000	6x10
32121200	1,000	8x12
32121500	1,000	10x15
32122000	500	12x20
32122200	500	16x22
32123000	250	16x30
32123200	250	22x30
Non-Slip	QTY.	
Non-Slip reorder no.	QTY. per case	inches
Non-Slip reorder no. 32101000	QTY. per case 1,000	inches 6x10
Non-Slip reorder no. 32101000 32101200	QTY. per case 1,000 1,000	inches 6x10 8x12
Non-Slip reorder no. 32101000 32101200 32101500	QTY. per case 1,000 1,000 1,000	inches 6x10 8x12 10x15
Non-Slip reorder no. 32101000 32101200 32101500 32102000	QTY. per case 1,000 1,000 1,000 500	inches 6x10 8x12 10x15 12x20
Non-Slip reorder no. 32101000 32101200 32101500 32102000 32102200	QTY. per case 1,000 1,000 1,000 500 500	inches 6x10 8x12 10x15 12x20 16x22
Non-Slip reorder no. 32101000 32101200 32101500 32102000 32102200 32103000	QTY. per case 1,000 1,000 1,000 500 500 250	inches 6x10 8x12 10x15 12x20 16x22 16x30



Sterilization Indicator Tapes

Propper self-adhesive sterilization tape is designed to distinguish processed and unprocessed items. Made of strong crepe-embossed paper with pressure-sensitive adhesive, the tape is ideal to secure different types of sterilization packs. Marking with permanent ink pen leaves no bleeding on the tape after sterilization.

Strate-Line[®] Autoclave Indicator Tape

reorder r	o. rolls/box	width	length/roll	core diameter
2680040	72	1/2 in	60 yards	3 in
2680050	48	3/4 in	60 yards	3 in
2680060	36	1 in	60 yards	3 in

Blue Autoclave Indicator Tape

reorder no.	rolls/box	width	length/roll	core diameter
26800800	48	3/4 in	60 yards	3 in
26800900	36	1 in	60 yards	3 in

Gas-Chex® Autoclave Indicator Tape

reorder no.	rolls/box	width	length/roll	core diameter
26801500	48	3/4 in	60 yards	3 in

Gas-Chex® Plastic Bags

Green bags are preferred by anesthesiology and respiratory therapy professionals for many packaging applications and EO gas sterilization.

reorder no.	bags per	inches
	hanger	
32500700	100	7x13



Emu-Chex[™] Emulating Indicators

Our Emu-Chex[™] Chemical Indicator introduces innovations in indicator ink technology based on our advanced lead and heavy metal free ink formulation. Our new generation of indicators demonstrates exceptional performance which is customized for the most widely utilized steam cycles in hospital sterilization. For more technical information please contact us or visit the products section of our website.



Eco & Personnel Friendly:

- Manufactured without lead & heavy metals
- Latex Free

First Class Performance:

- Monitors all critical variables of the sterilization cycle
- Clear difference between pass and fail
- Distinct color change will not revert
- Keeps integrity in wet cycles

Full Compliance with all requirements of: AAMI/ISO 11140-1:2005, Class 6

	description	packaging	propper	132'C FOR 4-
reorder no. 26611600 26611700 26611800	121°C for 20 min 132°C for 4 min 135°C for 3 min	250 Strips per Box 250 Strips per Box 250 Strips per Box		emu-chex sterilization indicators with blu-indicator tere
26611900 URINS BROW WHEN STEAM PRO	134°C for 3.5 min	250 Strips per Box		TURNS BROWN WERN BEAAD PROCESSER AT 1970 FOR 3 MW DE UN 1944 AND

none

proppo

OK® Sterilization Indicator Strips

For steam sterilization cycles of 250°F (121°C) and 273°F (134°C)

OK[®] Strips are indicators that monitor all critical sterilization parameters: steam, time, and temperature. In sterilization cycles OK[®] Strips guard against incomplete steam penetration, presence of non-condensing gases or excessive air, as well as from inadequate temperature or insufficient exposure time.

The pre-printed standard reference color permits rapid and certain visualization of the results. If the sterilization conditions meet requirements, the arrow and the **K** will change to become at least as dark as the reference color **O** forming the **OK** expression. The color response pattern may be used for sterilizer diagnostic evaluation (interpretation chart is available on request).





Strate-Line® and Smalstrip® Sterilization indicators

For steam sterilization cycles of 250°F (121°C) and 273°F (134°C)

Strate-Line[®] and Smalstrip[®] Sterilization Indicator Strips are an economical alternative to OK[®] strips and are designed for monitoring steam sterilization cycles at 250°F (121°C) and 273° (134°C). They use the same reactive ink as the OK[®] strip. The correct endpoint is indicated when the entire length of the strip changes uniformly black. Non-uniformity of color is easily observed.



Twindicator®

For steam sterilization cycles of 250°F (121°C) and 273°F (134°C)

Perforated Indicator Strips

800 • 832 • 4300

Twindicator® is an indicator designed for monitoring all critical parameters of steam sterilization cycles at 250°F (121°C) and 273°F (134°C). Twindicator® adds extra flexibility in sterilization monitoring: each 8" strip is perforated to allow for two 4" strips. The color change is easily observed on both 8" and 4" strips and indicates "PASS" when it turns uniformly black on the entire length of the strips.



DUO-FLASH® Sterilization Indicator

Two indicators in one: monitors 3 and 10 minute immediate sterilization use cycles at 270°F

The Duo-Flash[®] immediate use sterilization indicator is specifically engineered for two uses: nonporous and porous loads. After monitoring a 3-minute steam immediate use sterilization cycle used for a nonporous load, the arrow pointing to the 3 turns from green to dark. After monitoring a 10-minute steam immediate use sterilization cycle used for a porous load, the arrow pointing to the 10 turns from green to dark. The numbers 3 and 10 also act as a color standard reference.

Laminated maintain indicator integrity even in the wettest cycles and prevents ink transfer from the indicator to the instruments.

Its durable construction, convenient design, and permanent color change were all developed with the requirements of immediate use sterilization in mind.

If required, the indicator may be retained for record keeping for as long as necessary.

Gas-Chex[®] Sterilization Indicators

Ethylene Oxide Gas Sterilization Indicators

Gas-Chex[®] Sterilization Indicator Strips have the easiest-to-remember color scheme: Red for Stop (pack was not yet processed or the process was inadequate), and Green for Go.

Gas-Chex[®] Strips are suitable for monitoring gas concentration and exposure, and are especially suitable for ascertaining adequate humidification during the cycle. In the absence of humidity the color change to green will not occur, even if the other exposure conditions were adequate.

8" Gas-Chex[®] indicator strip features a special diamond-shape indicator \diamond that aids in sterile presentation. The "Gas-Chex" end of the strip should be placed in the portion of the package judged to be the most difficult for EO gas to penetrate. The end of the strip with the "diamond" should be positioned in such a way that it becomes visible as soon as the inner wrap is opened. If the "diamond" is not green, sterility is in doubt. If it is green, the strip may be pulled out for examination. The 4" Gas-Chex[®] indicator does not utilize the "diamond." In all other respects, it performs the same as the 8" indicator.







reorder no.	Description	Quantity
26910400	4" x 11/8"	100 strips

Steam Dot[®] Blu[™]

Lead & Heavy Metal Free Process Indicator

Steam Dot Blu™ utilizes the latest in environmentally friendly inks: the Blu™ ink technology. All products made with Blu[™] inks are free of all heavy metals, including lead.

Environmentally Friendly Technology:

- Manufactured without lead & heavy metals
- Latex free & biodegradable
- Components are non-toxic and pose no health concerns or environmental pollutants

Top Quality Performance:

- Ink is designed to cover cycles 250°F, 270°F, 272°F & 275°F
- Indicators differentiate between processed and unprocessed packs
- Distinct color change for immediate identification

Full compliance with all requirements of: AAMI/ISO 11140-1:2010, Class 1

reorder no. Description 36400200

Packaging 1/2" Steam-Dot® Blu™ 1000 on a roll in a dispenser box

Steam-Dot[®] Indicators

Self-adhesive Steam-Dot® Indicators offer a fast, positive visual check on items that were sterilized by steam.

reorder no. Description Packaging 36400100 3/4" Steam-Dot[®] 1000 on a roll in a dispenser box

Steri-Dot[®] Indicators

Self-adhesive Steri-Dot® Indicators offer a fast, positive visual check on items that were sterilized by Ethylene Oxide gas. They also display a Red for Stop, Green for Go color scheme. A Red Steri-Dot® indicates that the package or load has not yet passed through sterilization - a Green indicates that it has. As an additional safeguard, in the absence of adequate humidity, the color change to green will not occur.

reorder no. Description 36100100 9/16" Steri-Dot® 36100200 1" Steri-Dot®

Packaging 2000 on a roll in a dispenser box 1000 on a roll in a dispenser box





Vapor Line[®] Fail/Pass Steam Sterilization Integrators

The Vapor Line[®] integrator is a chemical integrating indicator for monitoring the essential conditions of steam sterilization processes - saturated steam, temperature, and time in gravity displacement and pre-vacuum sterilizers operating in the 250°F - 272°F temperature range.

The integrator is designed to show equivalence in performance to biological indicators. During sterilization, the dark colored bar migrates along a paper wick through PASS and FAIL areas, indicating whether the sterilization conditions were met. The PASS result assures that conditions in the sterilized pack were sufficient to kill even the most resistant forms of microorganisms plus an "overkill period" - a safety zone beyond the spore death curve for an additional level of sterilization security.

Vapor Line® Integrator meets requirements for Class 5 Indicators according to AAMI/ISO 11140-1:2005.



Vapor Line[®] with Extender

The extender is recommended as an aid for secure sterile presentation. The right end of the extender contains a color reactive ink imprint. This end is left protruding from the contents. After processing, when the pack is opened for use, the indicator color change can be seen if it changed to dark. The entire integrator may then be removed safely and examined to see if the dark column has migrated into the PASS area before the pack is disassembled.



Decontamination Bags

Transparent decontamination bags are designed for the collection, transportation and decontamination of medical or surgical equipment or waste from OR, CSR or any other area of the hospital. Decontamination bags feature external steam indicators that allow hospital personnel to distinguish between sterilized and contaminated contents.

Biohazard Bags

Orange biohazard bags are suitable for the decontamination and disposal of laboratory waste. The color scheme readily identifies the contents to all hospital personnel.

Made of super strength polypropylene, The Propper bags are capable of withstanding autoclave temperatures as high as 286°F (141°C).

Biohazard bags feature external steam indicators that allow hospital personnel to distinguish between sterilized and contaminated contents.



Duo-Record[®] Sterilization Record Card

Provides monitoring and documentation for both steam and EO gas sterilization procedures

- Permanent load information is entered on both sides of the Duo-Record Card
- A color-coded Duo-Record Label (sold seperately) with control numbers and expiration date or the "sterile unless..." marking is affixed to the front of the card with either a small or large Label Applicator. The label may be affixed to the packages either before or after (preferable) sterilization
- After a steam sterilization cycle, the large circle in the word "steam" will change from white to black
- After a gas sterilization cycle, the large circle in the word "gas" will change from red to green

reorder no.

Description

Packaging 26905100 Duo-Record cards 1000 Duo-Record cards per box 26905200 Duo-Record cards 250 Duo-Record cards per box



Record Keeping Envelopes

- Separate color-coded envelopes for steam and EO gas sterilization: Each envelope is specifically designed for its sterilization process, and contains checklists for operators
- All essential data is in one place: Each envelope holds charts, indicators, Duo-Record cards and biological monitoring records. All load information is recorded on the outside of the envelope
- Maximum room for load information: Steam sterilization envelopes allow operator to record 8 loads; gas sterilization envelopes allow operator to record 6 loads
- Can be reopened and resealed: Special adhesive is designed to permit opening and resealing of envelope several times
- Envelopes are 3-hole punched for storage in a binder
- Each self-sealing Record Keeping Envelope has space to record data for several loads and hold sterilizer charts, test sheets, and biological monitoring data



Duo-Record® Labels and Label Applicators

Integral components of the Duo-Record® Sterilization Record Keeping System

Duo-Record® Labels

Shown are the color options of Duo-Record® labels. Each label, with printing, is available in the five different colors listed below, or in white without any printing. Labels can be affixed to packages before or after sterilization.

A special label (for indefinite shelf use) printed "STERILE UNLESS OPEN" is also available.

large labels

Color Packaging Green 950 per roll Blue 950 per roll Red 950 per roll 26908300 Orange 950 per roll Yellow 950 per roll White* 950 per roll



"Sterile unless open" labels Packaging reorder no. Color 26908600 White 950 per roll 26908700 950 per roll Green 26908800 Blue 950 per roll 26908900 Red 950 per roll

Yellow



26908500 white



26908100 blue



26909100

26908600 white



950 per roll

26908800 blue

Label Applicators

Direct reading dials on the label applicators allow the operator to set expiration date, sterilizer number, Julian calendar date, and load number according to the system used by the hospital.

For use with Duo-Record® large labels. Each applicator is of a sturdy, lightweight design. Click-stop dialing is fast and accurate. Ink cartridges, good for printing over 30,000 labels, are easy to change.

Label Applicators Description reorder no. 26906100 Large label applicator 26905500 Ink cartridge for large labels (single roller)





REPORT CARD Name: **Propper 1ST PASS** DISTRIBUTORS **COMMENTS** FILL RATE 99.9% Best in class 6 months in a row Owens&Minor Nov. 2012 100% Highly consistent lead times VORLD MEDICAL® Oct. 2012 Propper scores 17% higher 99.3% HENRY SCHEIN® than class average Nov. 2015 99.6% On time delivery 97.8% Scientific Oct. 2012 GPOs COMMENTS "Your offer to hold prices for all MedAssets agreements MedDAssets and willingness to absorb the Medical Device Tax for 2013 is to be commended." "Propper's commitment to high quality products and exceptional service enhances any portfolio by providing Amerinet trusted sterilization resources at competitive Amerinet

contract price."

Professional, Responsive, On Time, Proactive, Proven, Efficient & Respectful.

Are you taking notes?



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