

STERDOC

VIVA STERILIZATION!

PRODUCT
CATALOG

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Who We Are?

STERDOC is a Dutch manufacturer, who specializes in the Central Sterilization Supply Department (CSSD) products, such as sterilization Wrapping, Indicators, Pouches, Washing and Supplementary.

One of the most important reasons why the disinfection of the medical devices is so important, is to prevent the bacterial buildup and other various diseases. Upon the usage of any medical tool, the chances of bacterial absorption increases if the equipment is left unchecked or not properly disinfected.

The goal of **STERDOC** is to be able to serve as many hospitals as possible, save lives and to guarantee the quality of our healthcare system. Therefore, it is crucial to share our knowledge and new market techniques with the EMEA and APAC distributors. We strive to offer high quality products and services to all of our patients and clients.





VIVA STERILIZATION!

What We Do?

STERDOC is a concept for those who are looking for excellent sterilization process by hi-tech, simple, reliable, beautiful and economic products. We provide a wide assortment of sterilization products and technical assistance, and we help hospitals to apply innovative knowledge and solutions to the challenges they face daily. We develop creative, comprehensive and sustainable sterilization solutions for hospitals and all healthcare facilities around the world. Equipped with an intimate understanding of local intricacies, world-class talent and proactive leadership, we plan, design, manage and engineer long-lasting and impactful solutions and products to uniquely complex problems.

INDEX

Monitoring	5
Tapes	8
Labels	12
Container Card	14
Bowie-Dick	15
PCD	18
Chemical Indicators	19
Incubator	24
Biological Indicators	26
Packaging	28
Wrapping Papers	30
Sterilization Reels	32
Washing	38
Supplementary	42
Dry Liner	44
Tray Liner	45
Sealer Machine	46
Sealer Check	47
Container	48
Marker	50

MONITORING





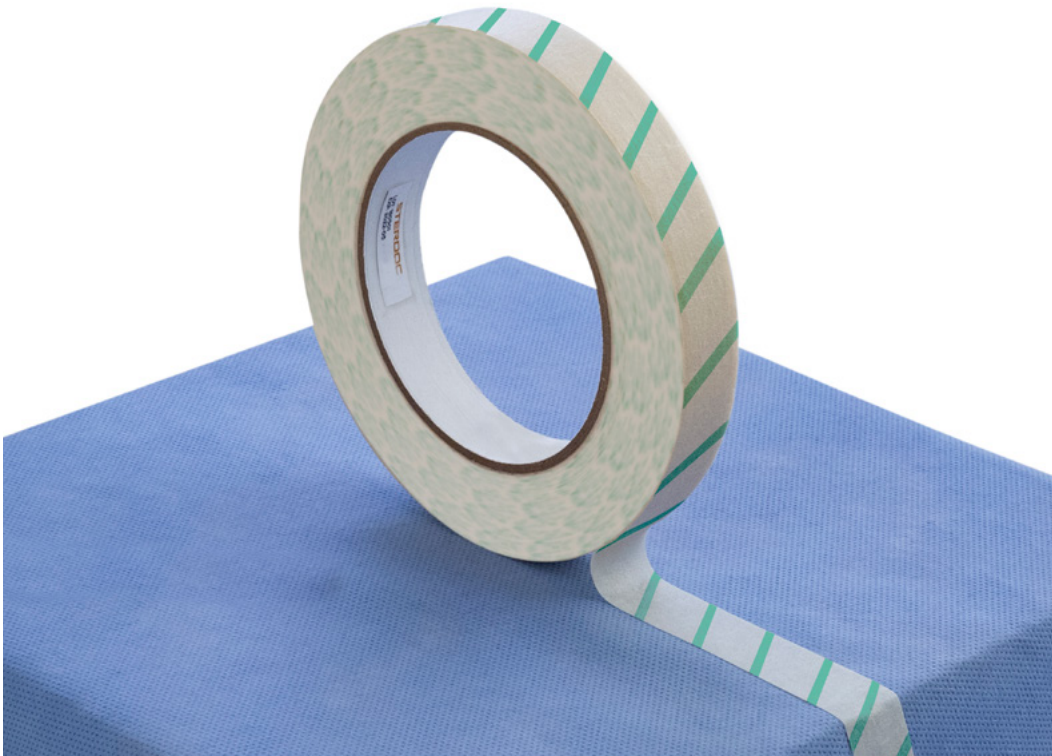
Sterilization needs to be verified. Wrong sterilization cycle or failed process, will always cause an infection risk. It's unavoidable to monitor each cycle of sterilization process. There are 3 parallel methods to control sterilization:

- Electrical/Mechanical
- Chemical
- Biological

Electrical or Mechanical Indicator method is a hardware to check if the sterilizer works. There are many gauges installed in sterilizers to show the Temperature and Pressure. The challenge is to make sure if the gauges work properly. There is always a risk, whether these sensors work accordingly.

Chemical Indicators are simple and reliable methods, which is used for the monitoring sterilization cycles. By means of the color changing from a certain color to another, it is indicated that all parameters (time, temperature, pressure and Steam penetration) are sufficient to approve the sterilization process. These Chemical Indicators are defined in 6 Types.

Biological Indicators are alive strong spores located inside of a vial to simulate the exact ability of sterilizer in killing alive microorganisms. For each process method there is a specific type of spore who it is resistant against of sterilization method.



Article Number: STTP-104
Packaging: 48 Pcs/Box
Shelf Life: 36 Months

Steam Sterilization Indicator Tape

STERDOC Steam Sterilization Tape can be used in 121°C gravity sterilizers or 132°-134°C pre-vacuum sterilizers. Tape turns dark brown/black after exposure to Steam or Chemical vapor sterilization conditions, thus providing identification of processed items.

- Article number: STTP-104
- Tape length is 50 meters/roll (60 yards) and available in 19mm and 25mm widths
- ISO 11140 -1 Type 1 Compliant
- Lead-free and no added latex
- Does not require hazardous waste disposal



Article Number: STTP-101
Packaging: Each
Shelf Life: 24 Months

Plasma Sterilization Indicator Tape

STERDOC H₂O₂ Gas Plasma Sterilization Tape is made without latex, dry natural rubber, lead or other heavy metals

- Article number: STTP-101
- Type 1 process Indicator compliant with ANSI/AAMI/ISO 11140-1 sterilization of healthcare products Chemical Indicators
- Non-cellulosic plastic backing material with a pressure-sensitive adhesive on one side and Chemical Indicator on the other side
- Validated for use in multiple hydrogen peroxide sterilization systems including:
 - V-PRO
 - STERRAD
 - CISA
 - RENOSEM
 - HUMAN MEDITEK
 - CASP
 - TUTTNAUER
 - Lot number and expiration date for each Roll



Article Number: STTP-103
Packaging: 48 Pcs/Box
Shelf Life: 24 Months

EtO Sterilization Indicator Tape

STERDOC EtO Sterilization Indicator Tape is for use in Ethylene Oxide sterilizers operating at 600 mg/L EtO gas, 40-60% relative humidity, 54.4°C, for 45 minutes or longer. The word "gas" turns from Brown to Green after exposure to an EtO gas sterilization process, thus providing identification of processed items.

- Article number: STTP-103
- Clear color change provides an immediate indication of processing
- Lot number on the packaging for traceable results
- EtO tape will respond from 450mg/L EtO concentration
- Additional information can be written directly on the tape surface by **STERDOC** sterilization markers



Article Number: STTP-102
Packaging: Each
Shelf Life: 24 Months

Dry Heat Sterilization Indicator Tape

STERDOC Dry Heat Sterilization Tape is for use with Dry Heat sterilization. The “V” shape changes color from light Green to Brown, after 30 minutes at 155°C indicating that a Dry Heat sterilization temperature has been attained.

- Article number: STTP-102
- Inflammable adhesive paper tape
- Designed for dry heat sterilization method
- Significant color changes from light Green to Brown
- Lead-free if correctly stocked
- Length 50m
- Height 19mm



Article Number: According to Table
Packaging: According to Table
Shelf Life: According to Table

3-Line Label Reel and Labeling Machine

STERDOC The three-line label is designed for documentation of each CSSD package. After sterilization, thanks to the two adhesive layers, the operator is able to use sterilized package in the operating room and restore the package and patient data.

Temperature resistant and lead-free Labels are served by a durable three-line labeling machine, which is produced by Avery Dennison. Once a proper sterilization cycle has been completed, the operator is then able to determine a significant color change in the package label.

- Article number: STLB-101 EtO, STLB-102 Steam, STLB-103 H₂O₂, STLB-104 FORM
- Each roll consists of 500/750 labels
- ISO 11140 -1 Type 1 Compliant
- Does not require hazardous waste disposal
- Significant color change
- Manufactured without any lead or other heavy metals
- It comes with a user-friendly label gun machine (optional)
- Two Layer Back Adhesive Indicator label can be kept for a permanent record
- Cost-effective

3-Line Labeling Machine

Sterilization process needs to be documented for many reasons. Most convenient type of documentation is the Three Line Labels. These labels make it possible to record any kind of data for packages without any complicated system or computers.

Two Layer Adhesive Label is a wise method for recording data during and after the process. The labels are even possible to be documented on the surgery documents during an operation.

STERDOC supplies labels for Steam, EtO and H₂O₂ Gas Plasma sterilization methods. Strong adhesive layer with a premium quality Indicator, makes the documentation process easy.

The Three Line Label Gun is very reliable, easy to use and durable device for labeling process. It will serve for years of intensive usage.

- Article number: STLGUN
- Easy to use
- Significant color change on labels
- Supplied by durable Three Line Label Gun
- Disposable single-use Indicator
- Cost-effective
- Lot number and expiration date for each label roll
- Supplied for Steam, EtO and H₂O₂ Gas Plasma

Product	Article Number	Packaging	Shelf Life
EtO Label	STLB-101	6000 Labels/Box	36 Months
Steam Label	STLB-102	9000 Labels/Box	36 Months
H ₂ O ₂ Label	STLB-103	6000 Labels/Box	36 Months
FORM	STLB-104	9000 Labels/Box	36 Months
Label Gun	STLGUN	Each	

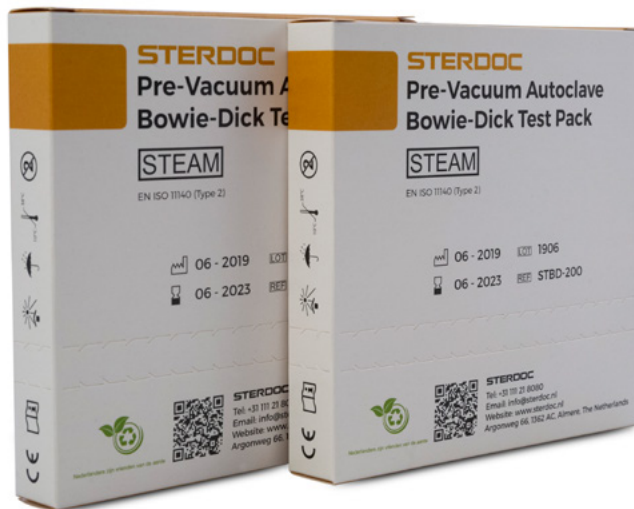


Article Number: STCI-138
Packaging: 500 Pcs/Bag
Shelf Life: 36 Months

Container Card

STERDOC Container Card Chemical Indicators are designed for use in Steam sterilizers operating at 121°C or 134°C. When used as directed, the Container Card Indicator gives visible confirmation that the container was exposed to Steam.

- Article number: STCI-138
- Significant color change from Yellow to Black
- Manufactured without any lead or other heavy metals
- Disposable single-use strip
- Cost-effective
- Used as a permanent record
- Conforms to EN ISO 11140
- Lot number and expiration date for each Indicator
- Supplied in a strong zip locked Aluminum bag for premium protecting

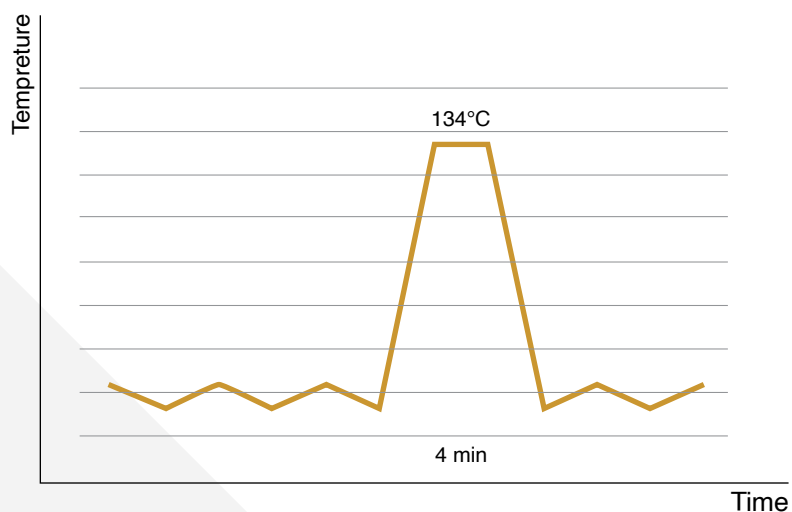


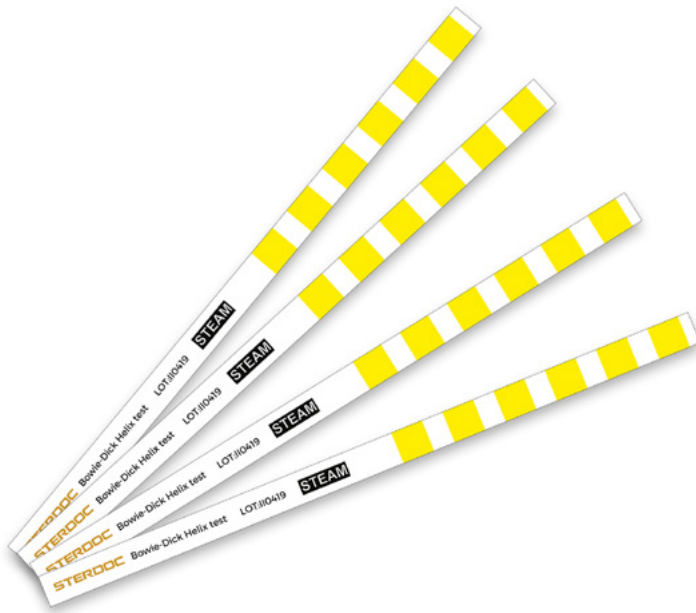
Article Number: STBD-200
 Packaging: Each
 Shelf Life: 48 Months

Bowie-Dick Test Pack

STERDOC Bowie-Dick Test Packs are pre-assembled, single-use test packs designed to evaluate the performance of the air removal system of **pre-vacuum** assisted sterilizers in compliance with EN 285 and operating at 134°C and 3.5 minutes.

- Article number: STBD-200
- Significant color change from Purple to Black
- Manufactured without any lead or other heavy metals
- Disposable single-use pack
- Indicator card can be kept for a permanent record
- Conforms to EN ISO 11140-4
- Lot number and expiration date for each pack





Article Number: STBD-111
Packaging: 250 Pcs/Bag
Shelf Life: 48 Months

Bowie-Dick Helix Test

STERDOC Bowie Dick Helix Test with Stainless Steel Helix and 4 meter long tube can be used as Bowie-Dick test for Hollow and Porous Loads tests.

- Article number: STBD-111
- Significant color change from Yellow to Black
- Manufactured without any lead or other heavy metals
- Disposable single-use strip
- Supplied by an easy use stainless steel durable Helix holder
- Back Adhesive Indicator strips can be kept for a permanent record
- Cost-effective
- Conforms to EN ISO 11140
- Lot number for each strip



Article Number: STBD-117
Packaging: 30 Pcs/Bag
Shelf Life: 48 Months

Blackboard Bowie-Dick Test Card

STERDOC Blackboard Bowie-Dick Test Card is for daily monitoring of pre-vacuum Steam sterilizers operating at 134°C for 3.5 minutes. The Blackboard Bowie-Dick Test Card is designed to operate in sterilizers with sub-atmospheric or trans-atmospheric cycles as defined in ISO 11140-4.

- Article number: STBD-117
- Significant color change from Purple to Black
- Manufactured without any lead or other heavy metals
- Disposable single-use card
- Supplied by a durable holder for easy use
- Indicator sheet can be kept for a permanent record
- Cost-effective
- Conforms to EN ISO 11140-4
- Lot number and expiration date for each card



Article Number: STLT-104
Packaging: 250 Pcs/Bag
Shelf Life: 48 Months

Heli-Check Hollow Load Process Challenge Device

STERDOC Heli-Check verifies air removal, Steam penetration, exposure levels and necessary deep vacuum achievement for the sterilization of hollow lumen instruments. The Heli-Check is suitable for daily sterilizer monitoring according to ISO-11140. The test is designed to be used in each sterilization cycle as an independent control device.

- Article number: STLT-104
- Significant color change from Yellow to Black
- Manufactured without any lead or other heavy metals
- Disposable single-use strip
- Supplied by an easy use durable Helix holder
- Back adhesive Indicator strips can be kept for a permanent record
- Cost-effective
- Conforms to EN ISO 11140
- Lot number and expiration date for each Indicator



Article Number: STCI-161
Packaging: 250 Pcs/Bag
Shelf Life: 36 Months

Mono-Checks A

STERDOC Mono-Checks A (Back Adhesive) Indicator has been designed for use in Steam sterilization process operating at 134°C for 3.5 minutes. When exposed to Steam sterilization conditions the Indicator will turn from Yellow to Black giving an integrated response and visible indication that sterilization conditions were met. The Indicator has an adhesive backing for easy documentation use.

- Article number: STCI-161
- Significant color change from Yellow to Black
- Manufactured without any lead or other heavy metals
- Disposable single-use strip
- Indicator strip can be saved by its back adhesive capability for a permanent record
- Cost-effective
- Conforms to EN ISO 11140-4
- Lot number and expiration date for each strip
- Supplied in a strong zip locked Aluminum bag for premium protecting



Article Number: STCI-108
Packaging: 250 Pcs/Bag
Shelf Life: 36 Months

Combi-Checks 121/134 Integrator A

STERDOC Combi-Checks Steam Multicritical Process Variable Indicator (Back Adhesive) is designed for use in Steam sterilizers operating at 121°C and 134°C. When used as directed, the Combi-Checks strips give a visual confirmation that sterilization conditions were met at the location in the sterilizer chamber according to ISO 11140.

- Article number: STCI-108
- Significant color change from Yellow to Black
- Manufactured without any lead or other heavy metals
- Disposable single-use strip
- Indicator strip can be saved by its back adhesive capability for a permanent record
- Cost-effective
- Conforms to EN ISO 11140
- Lot number and expiration date for each strip
- Supplied in a strong zip locked Aluminum bag for premium protecting



Article Number: STCI-106
Packaging: 250 Pcs/Bag
Shelf Life: 36 Months

Palm-Checks EtO Integrator AI

STERDOC Palm-Checks EtO Multicritical Process Variable Indicator (Back Adhesive) is designed to be used in Ethylene Oxide (EtO) gas sterilizers. When used as directed, the Indicator gives a visual confirmation that the items being sterilized have been subjected to the parameters of Time, EtO concentration and Humidity according to ISO 11140. Using this Indicator, operators are able to document cycle information for patients or operation files.

- Article number: STCI-106
- Significant color change from Yellow to Black
- Manufactured without any lead or other heavy metals
- Disposable single-use strip
- Indicator strip can be saved by its back adhesive capability for a permanent record
- Cost-effective
- Conforms to EN ISO 11140
- Lot number and expiration date for each strip
- Supplied in a strong zip locked Aluminum bag for premium protecting



Article Number: STCI-150 AI
Packaging: 250 Pcs/Bag
Shelf Life: 48 Months

Steam Para-Checks Emulator AI

STERDOC Para-Checks Emulator AI is designed for use in a pre-vacuum Steam sterilization process operating at 134°C for 4 minutes or 121°C for 15 minutes. When exposed to Steam sterilization conditions the Indicator will change from Yellow to Black, giving an integrated response and visible indication that sterilization conditions were met. Using this Indicator, operators are able to document cycle information for patients or operation files.

- Article number: STCI-150 AI
- Significant color change from Yellow to Black
- Manufactured without any lead or other heavy metals
- Disposable single-use strip
- Indicator strip can be saved by its back adhesive capability for a permanent record
- Cost-effective
- Conforms to EN ISO 11140
- Lot number and expiration date for each strip
- Supplied in a strong zip locked Aluminum bag for premium protecting



Article Number: STCI-150 A
Packaging: 250 Pcs/Bag
Shelf Life: 48 Months

Steam Para-Checks Emulator A

STERDOC Para-Checks Emulator (Back Adhesive) is designed for use in a pre-vacuum Steam sterilization process operating at 134°C for 4 minutes or 121°C for 15 minutes. When exposed to Steam sterilization conditions the Indicator will change from Yellow to Black, giving an integrated response and visible indication that sterilization conditions were met.

- Article number: STCI-150 A
- Significant color change from Yellow to Black
- Manufactured without any lead or other heavy metals
- Disposable single-use strip
- Indicator strip can be saved by its back adhesive capability for a permanent record
- Cost-effective
- Conforms to EN ISO 11140
- Lot number and expiration date for each strip
- Supplied in a strong zip locked Aluminum bag for premium protecting



Article Number: STBI-105

Packaging: Each

Multi-Function CSSD Incubator

Sterilization is killing any type of microorganisms. Generally speaking, the Chemical Indicators simulate sterilizers condition to prove or deny the sterilization process. These techniques are based on the Chemical science and the materials behavior, but it's not like killing an alive microorganism.

In the CSSD it is necessary to use Biological Indicators for certain purposes, such as routine control, calibrating sterilizer, implant surgeries and etc.

All Biological Indicator types have a specific spore (Spores are status of alive bacteria in resistant and strong state) inside the plastic vial, called SCBI (Self Contained Biological Indicator). After the sterilization process, the Biological Indicators must be cultured to make sure that the sterilizer has killed all the spores.

The Incubator has a removable solid block and is easy to take off for the operators in order to clean or wash them, without damaging the electric part of the device.

Turn on the device, config, incubate and enjoy!

- Article number: STBI-105
- Pre-configured buttons
- Low utility consumption
- Wash-able block
- Easy to use
- Available with an external thermometer

For all type of sterilization methods there are some specific spores:

Sterilization Method	Spore Name	Culture Temp (Celcius)	Culture Time (Hours)
Steam	Geobacillus stearothermophilus	55-60	24
EtO	B. atrophaeus	35-39	48
Dry Heat	Bacillus subtilis	30-40	7 Days
FORM	Geobacillus stearothermophilus	55-60	24
H2O2 Plasma Gas	Geobacillus stearothermophilus	55-60	24

*. This information is for the standard Biological Indicators, but the fast or super-fast Indicators have a different data.

STERDOC Multi-Function CSSD Incubator is designed for a reliable incubation. Pre-configured buttons are user-friendly and simple. Thanks to its large display, the operator can control time and temperature. **STERDOC** Incubator has a fourth free option button (D), which gives the operator the opportunity to customize this for any other/future applications.

Button	Time (Hours)	Temp (Celcius)	Culture Time (Hours)
A	24	57	Steam
B	48	37	EtO
C	72	48	
D	Free Configuration		



Article Number: STBI-104
Packaging: 50 Vial/Box
Shelf Life: 24 Months

Biotest+ Instant Biological Indicator

STERDOC BIOTEST+ Instant Self-contained Steam Biological Indicator is designed for simulating sterilization ability of Steam sterilizers. Living stearotherophilus spores are heat and Steam resistant microorganisms. When a sterilizer is able to kill these microorganisms, it means that pathogen or non-pathogen microorganisms like bacteria, virus or fungi, will be destroyed.

Biological Indicators contain enough spore quantity to make sure that the sterilization process is successful. Each BI consists of a plastic heat resistant transparent vial, a spore contained paper at the bottom, a glass vial of culture media liquid, the Three block Type 5 Chemical Indicator, one paper protection filter and an orange cap to protect the content. Furthermore, the BI has a Type 1 Chemical Indicator label with EXP date.

Thanks to Type 5 Chemical Integrating Indicator, Instant Biological Indicators are prompt interpretation Indicators.

Biological Indicators are used for routine control tests, implant surgeries and after any sterilizer calibration.

- Article number: STBI-104
- Instant readout
- Each box consist of 50 BI's
- Complies to ISO 11138
- Does not require hazardous waste disposal
- Significant color change of Type 1 label from Blue to Brown
- Significant color change of liquid culture media from Purple to Yellow



Article Number: STBI-103
Packaging: 50 Vial/Box
Shelf Life: 24 Months

BiOtest Biological Indicator

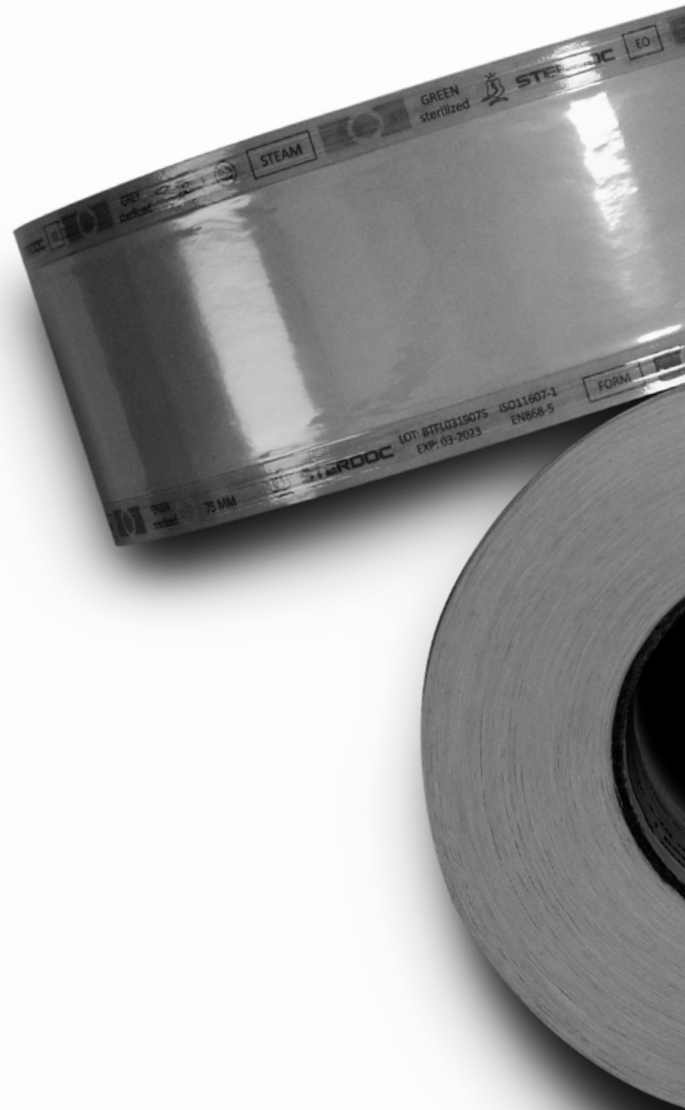
STERDOC Self-contained Steam Biological Indicator is designed for simulating sterilization ability of Steam sterilizers. Living stearothermophilus spores are heat and Steam resistant microorganisms. When a sterilizer is able to kill these microorganisms, it means that pathogen or non-pathogen microorganisms like bacteria, virus or fungi, will be destroyed.

Biological Indicators contain enough spore quantity to make sure that the sterilization process is successful. Each BI consist of a plastic heat resistant transparent vial, a spore contained paper at the bottom, a glass vial of culture media liquid, one paper protection filter and a blue cap to protect the content. Furthermore, the BI has a Type 1 Chemical Indicator label with EXP date, LOT number and spore quantity. The color of the Chemical Indicator label will change from Blue to Brown if it is exposed to the sterilizer.

Biological Indicators are used for routine control tests, implant surgeries and after any sterilizer calibration.

- Article number: STBI-103
- Each box consist of 50 BI's
- Complies to ISO 11138
- Does not require hazardous waste disposal
- Significant color change of Type 1 label from Blue to Brown
- Significant color change of liquid culture media from Purple to Yellow

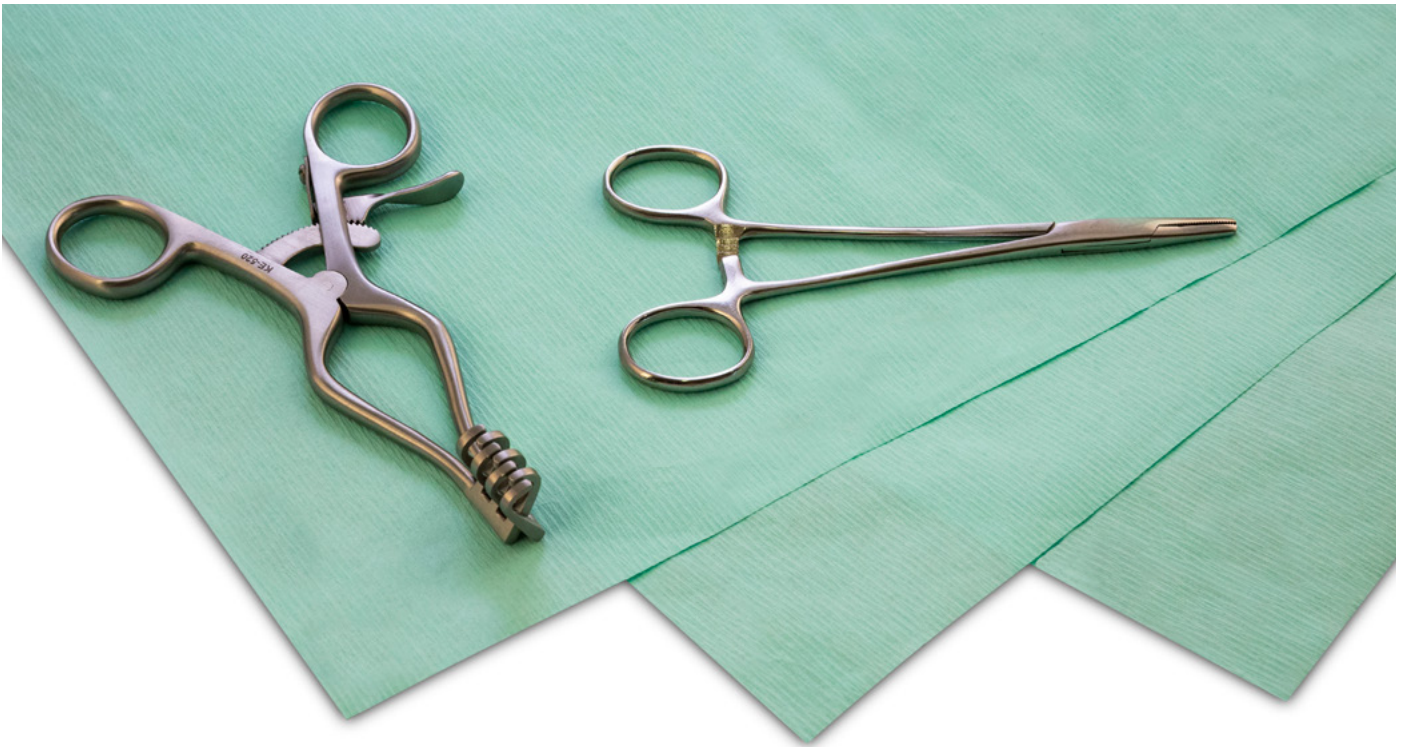
PACKAGING





In order to keep packages sterilized as “Sterile” for a certain period of time, packaging is important as monitoring of sterilization cycle. Due to lack of knowledge and carelessness, microorganism and pathogen microorganisms could kill thousands of people around the world. Sterilized packages must have enough ability to keep instruments away from any contaminations.

STERIDOC provides various packaging solutions to help hospitals and healthcare facilities to keep the sterilized instruments in an excellent sterilization condition.



Article Number: STWP-SIZE
Packaging: Depends on Size
Shelf Life: 60 Months

Soft Crepe Wrapping Paper

Keeping surgical instruments sterilized is one of the most challenging part of the sterilization process in all CSSD's.

STERDOC Crepe Papers are made of 100% Cellulose fibers and can be used as either inner or outer wrapping. Crepe wraps are suitable for Steam, Ethylene Oxide, Formaldehyde and radiation sterilization methods and are a reliable solution for preventing cross contamination with bacteria.

By using the **STERDOC** Crepe wrapping papers, hospitals can maintain the shelf life of sterilized instruments. Lint and Memory free Crepe Papers prevent any risks of infections.

Important features of **STERDOC** Crepe Papers:

- Article number: STWP-250/1200
- Enhanced microbial barrier protection
- Heavy duty
- Easy to use
- Long shelf life
- Compatible by all Steam sterilization methods
- Tear-free
- Memory free
- Lint-free
- Disposable single-use wrap
- Cost-effective
- Conforms to EN ISO 11607
- Lot number and expiration date for each box

. What is the definition of Memory in Crepe Papers?

Usually when wraps or papers are folded, after a while the folded part remains the same. During an operation the tray should be fully opened so the surgeons have access to the sterilized instruments. By using a Memory Free Crepe Paper, hospitals can prevent any contamination during a surgery. On the other hand, the low-quality papers have a strong Memory on a tray, and therefore they always return to their original shape (closed). In the CSSD packaging industry, it's very important to use wrapping materials with NO Memory.

. Why we can not use Crepe papers in H2O2 Gas Plasma sterilizers?

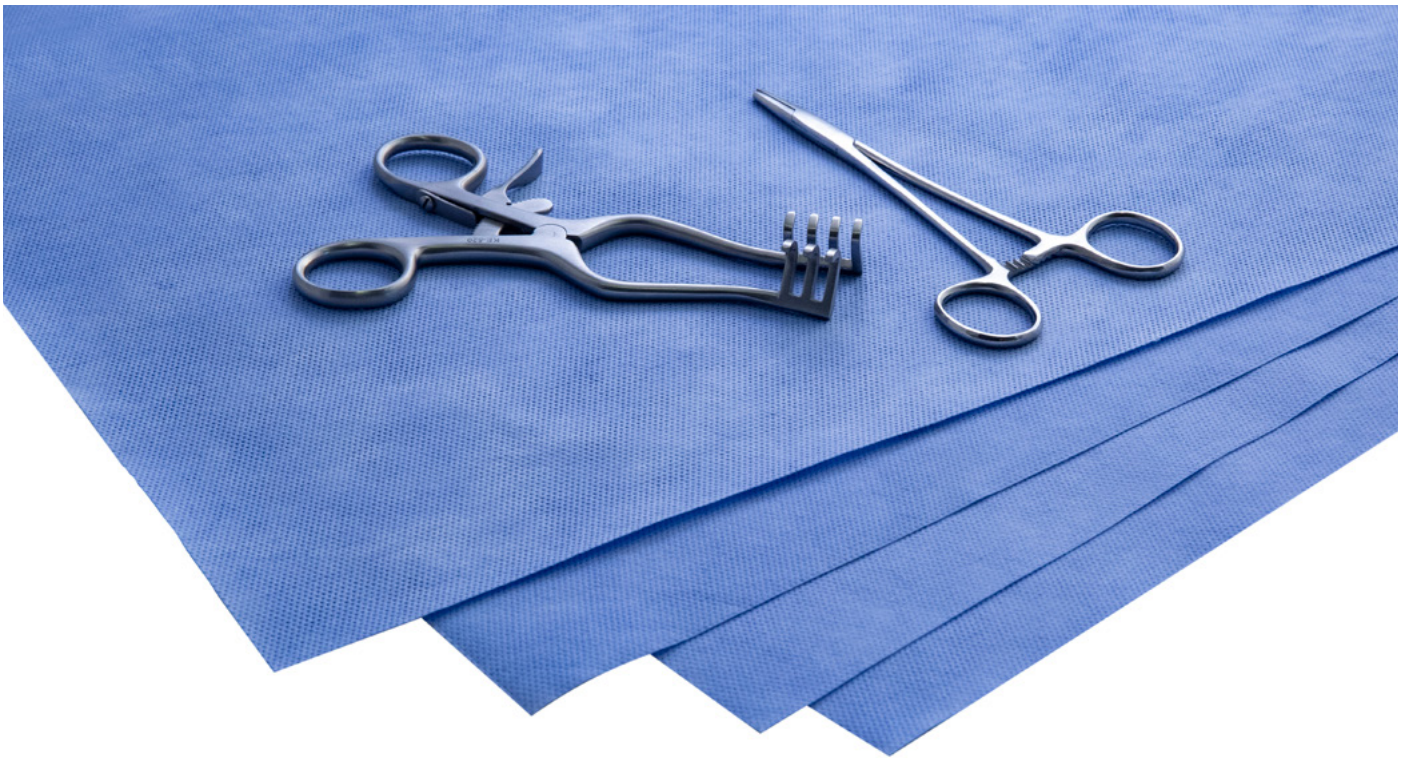
H2O2 Gas Plasma Sterilizers utilize Hydrogen Peroxide as sterilant material to create Plasma inside of the chamber. Cellulose-based materials absorb injected H2O2 and the remained concentrated H2O2 cannot create a suitable Plasma phase to sterilize the instruments. For H2O2 Gas Plasma Sterilizers it's not allowed to use Cellulose-based materials such as wrapping.

Compatible Sterilization Methods with Soft Crepe WP:

STEAM	Yes
EtO	Yes
FORM	Yes
H2O2	No
GAMMA	Yes

STERDOC Soft Crepe Wrapping Paper Size & Packaging

Article Number	Dimension (mm)	Packaging
STWP-250	250x250 mm	2000 sheets
STWP-300	300x300 mm	2000 sheets
STWP-400	400x400 mm	500 sheets
STWP-500	500x500 mm	500 sheets
STWP-600	600x600 mm	500 sheets
STWP-750	750x750 mm	250 sheets
STWP-900	900x900 mm	250 sheets
STWP-1200	1200x1200 mm	125 sheets



Article Number: STSMMS-SIZE
Packaging: Depends on Size
Shelf Life: 60 Months

SMMSs Non-woven Wrapping

The Packaging of the instruments is one of the most important steps of the sterilization cycle.

These materials must keep the instruments sterilized for a determined period of time. Also the packaging material should be capable to penetrate the sterilization agent (eg. Steam, EtO, Gas, etc.) inside of the pack to sterilize the instruments significantly.

We can supply SMMSs wrapping papers in various colors and grammages. Our recommendation is 55 grams Ocean Blue wraps for optimum sterilization results. This type of product has a strong sterilization capability with reasonable cost. Also the Ocean Blue color is very convenient color for operating-rooms to prevent any light reflections during the surgery.

- Article number: STSMMS-300/1200
- Significant sterile barrier with strong Melt-Blown layers
- Manufactured without any lint
- Disposable single-use wrap
- Memory free (remains open during operation)
- Cost-effective
- Conforms to EN ISO 11607
- Lot number and expiration date for each box

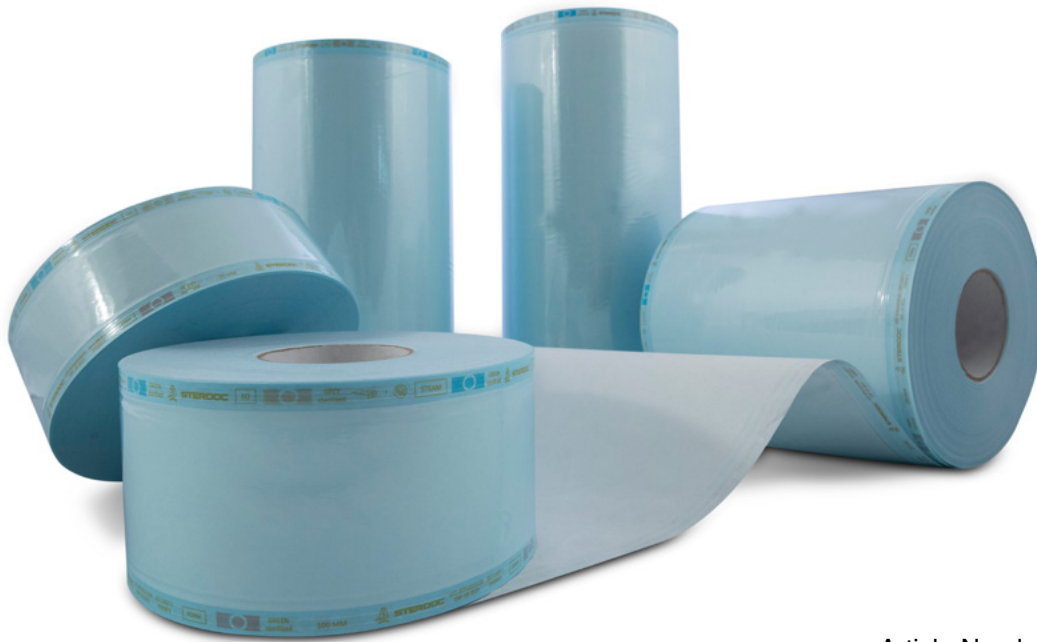
STERDOC SMMSs (Spunbond | Meltblown | Meltblown | Spunbond | spunbond) wrapping paper consists of four/five non-woven polypropylene fabric layers and can be used either as an inner or outer wrapping of medical devices and trays.

Compatible Sterilization Methods with SMMS:

STEAM	Yes
EtO	Yes
FORM	Yes
H2O2	Yes
GAMMA	Yes

STERDOC SMMSs Wrapping Paper Size & Packaging

Article Number	Dimension (mm)	Packaging
STSMMS-300	300x300 mm	1000 sheets
STSMMS-400	400x400 mm	1000 sheets
STSMMS-500	500x500 mm	500 sheets
STSMMS-600	600x600 mm	250 sheets
STSMMS-750	750x750 mm	125 sheets
STSMMS-900	900x900 mm	125 sheets
STSMMS-1200	1200x1200 mm	50 sheets



Article Number: STFL-SIZE
Packaging: Depends on Size
Shelf Life: 48 Months

Sterilization Flat Reels

STERDOC provides an excellent quality of packaging reels for all hospitals and healthcare facilities who are looking for a premium sterilization process.

STERDOC reels have three Indicators: Steam, EtO and Formaldehyde – with a unique shape of Indicator to achieve excellent sterilization result.

- Article number: STFL-075 / 500
- Tear resistance
- Durability
- Breath-ability
- Superior microbial barrier
- Compatible with all of the most commonly used sterilization methods except H2O2 Gas Plasma
- Enhanced microbial barrier protection
- Heavy duty
- Easy to use
- Long shelf life
- Lint-free
- Disposable single-use reel
- Conforms to EN ISO 11607
- Lot number and expiration date for each reel

Sterilization reels look very simple, but in fact they are very complicated products. Paper part of the reels must have a sufficient strength to keep the instruments inside the bag. Meanwhile they should be able to penetrate sterilization agent and prevent any kind of microorganisms to get in touch with the content. The paper must have the capability to be sealed with the film and stay sealed during and after the sterilization program. Vacuum phase of a sterilization process will tear a weak sealed reel. That's why it is important that the reels have a strong sealing capability. The paper must be lint-free and easy to open for operation.

The film of the reels must be see-through, strong to prevent punctures and seal-able to stay sealed with the paper. Some companies claim to have a 5, 7 or even 9 layers of films, but in the reality this is a marketing sales. There is no significant differences between 7 or 9 layers films. Important feature of each reel is to keep the instruments sterilized for a longer period of time, without any damages.

STERDOC reels have three Indicators: Steam, EtO and Formaldehyde – with unique shape of Indicator to achieve excellent sterilization result.

Compatible Sterilization Methods with Flat Reel:

STEAM	Yes
EtO	Yes
FORM	Yes
H2O2	No
GAMMA	Yes

STERDOC Sterilization Flat Reel Size & Packaging

Article Number	Dimension	Packaging (Roll/Box)
STFL-075	75 mm x 200 m	4
STFL-100	100 mm x 200 m	4
STFL-150	150 mm x 200 m	4
STFL-200	200 mm x 200 m	2
STFL-250	250 mm x 200 m	2
STFL-300	300 mm x 200 m	2
STFL-350	350 mm x 200 m	1
STFL-400	400 mm x 200 m	1
STFL-500	500 mm x 200 m	1



Article Number: STTY-SIZE
Packaging: Depends on Size
Shelf Life: 36 Months

Sterilization Tyvek Reels

H₂O₂ Gas Plasma sterilization method is an easy and environmental friendly way to process. Thanks to Hydrogen Peroxide, the Sterilizer is able to sterilize in low temperature with non-toxic residues. Paper/cellulose based materials are not suitable to be used in Plasma sterilizers, therefore Science has found a solution for the Plasma packaging: Tyvek.

STERDOC Tyvek medical packaging reels, provide durability, compatibility with a wide range of sterilization methods, and the highest microbial barrier of any breathable sterile packaging material.

- Article Number: STTY-075 /500
- Tear resistance
- Durability
- Breath-ability
- Superior microbial barrier
- Compatible with all of the most commonly used sterilization methods
- Enhanced microbial barrier protection
- Heavy duty
- Long shelf life
- Lint free
- Disposable single-use reel
- Conforms to EN ISO 11607
- Lot number and expiration date for each reel

Tyvek is a brand of flashspun high-density polyethylene fibers, a synthetic material; the name is a registered trademark of the DuPont company.

Compatible Sterilization Methods with Tyvek Reel:

STEAM	Yes
EtO	Yes
FORM	Yes
H2O2	Yes
GAMMA	Yes

STERDOC Sterilization Tyvek Reel Size & Packaging

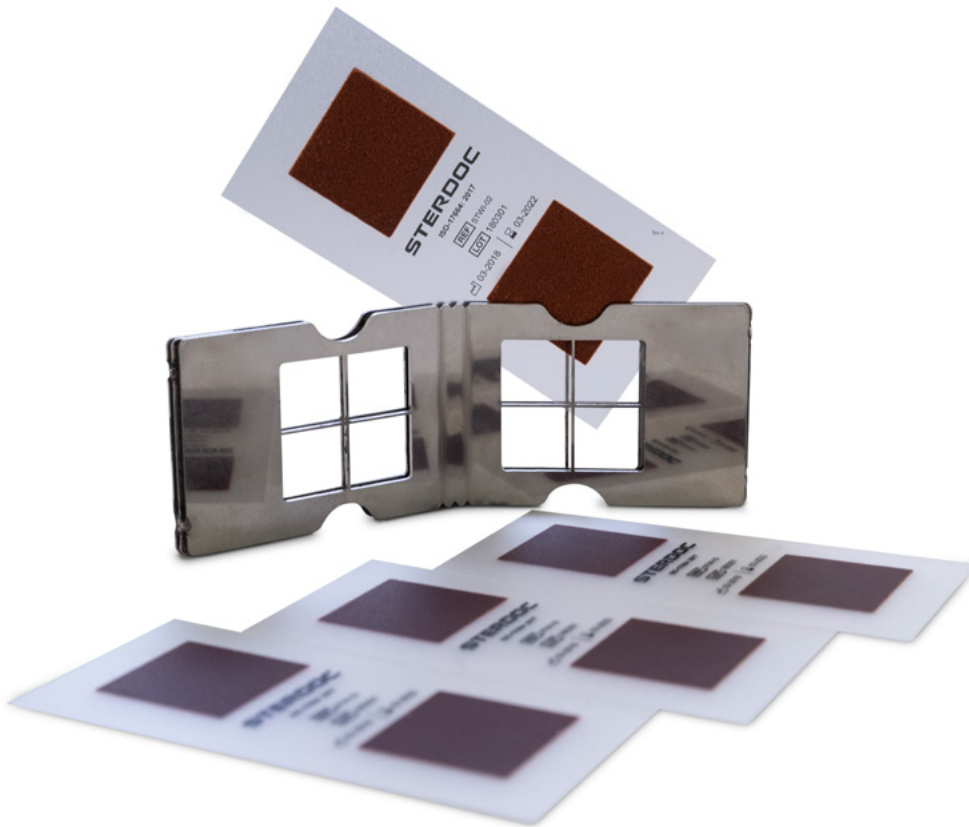
Article Number	Dimension	Packaging
STTY-075	75 mm x 70 m	4
STTY-100	100 mm x 70 m	4
STTY-150	150 mm x 70 m	4
STTY-200	200 mm x 70 m	2
STTY-250	250 mm x 70 m	2
STTY-300	300 mm x 70 m	2
STTY-350	350 mm x 70 m	1
STTY-400	400 mm x 70 m	1

WASHING





Before reusing any instrument for an operation, hospitals and the CSSD departments must make sure to wash these instrument first. This is the first step of a sterilization cycle. Less contaminations means a better sterilization process. In hospitals and healthcare facilities, there is a gap of time between using the instruments and re-processing. Usually after the operations, the instruments are still contained with residual parts of the operation, such as blood and tissue of the patient. By using the right process of washing, CSSD's can remove the dried residues easily.



Article Number: STWC-101
Packaging: 100 Pcs/Bag
Shelf Life: 48 Months

Steri-Wash

STERDOC Steri-Wash STWC-101 Indicator designed to check washing device capability of removing soils and residues on instruments.

In hospitals and healthcare facilities, there is a gap of time between using the instruments and re-processing. Usually after the operations, the instruments still contain residual parts of the operation, such as blood and tissue of the patient. The dried residue is very hard to remove. By using the washing machine, it's necessary to verify the washing quality by simulating the hard soils.

Steri-Wash Indicator has a strong simulated soil and used by a stainless steel holder STWC-102, and put in a challenging place of the machine in order to confirm visually if the washing device is working properly.

- Article number: STWC-101
- Easy to use
- Significantly soil visual detection in a proper washing cycle
- Supplied by durable metal holder
- Disposable single-use Indicator
- Cost-effective
- Lot number and expiration date for each Indicator



Article Number: STWC-103
Packaging: 100 Pcs/Bag
Shelf Life: 48 Months

Steri-Tag

STERDOC Steri-Tag Indicator is designed to check the washing device capability of removing the soils and residues on the instruments with or without the basket.

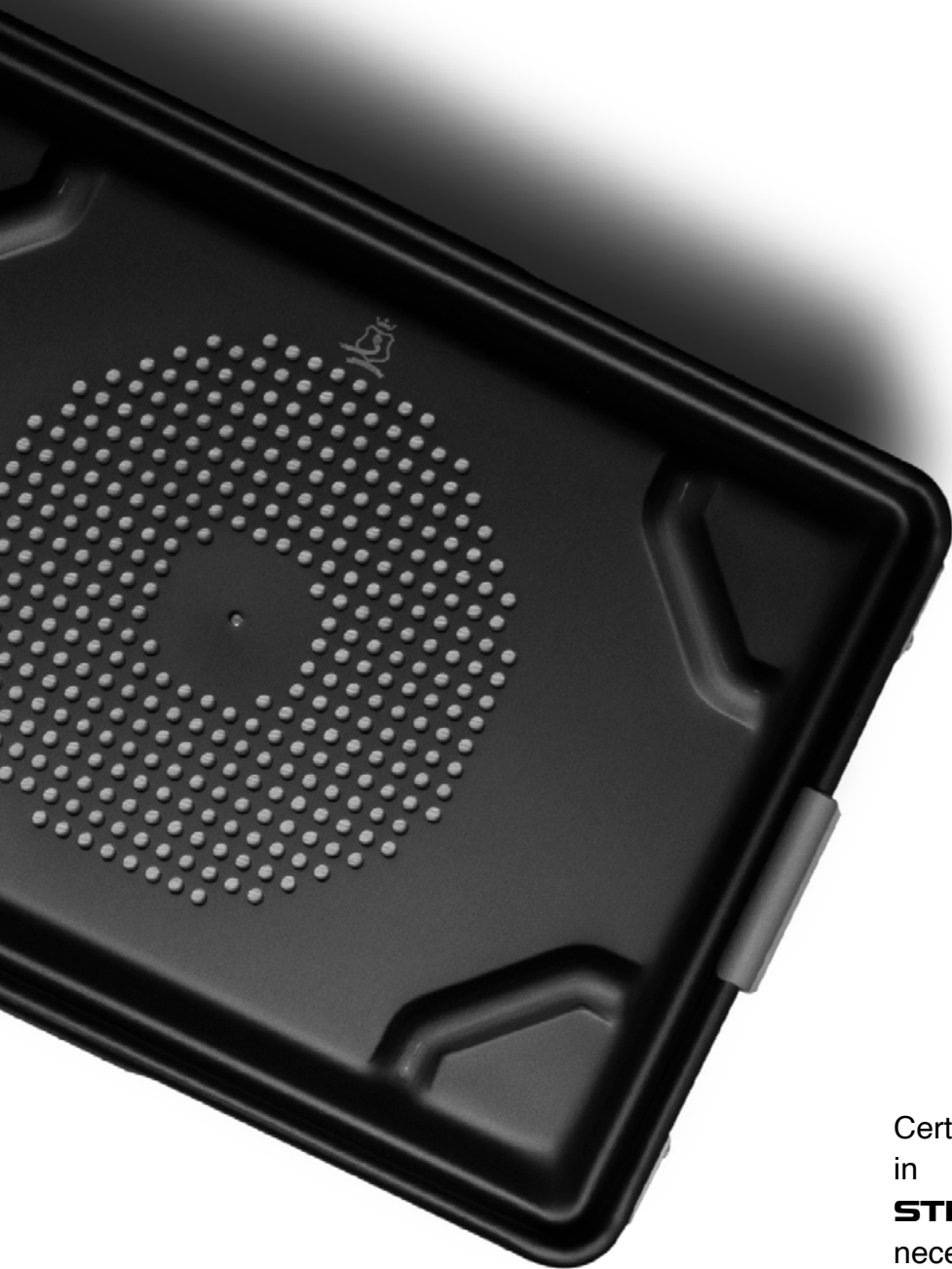
In hospitals and healthcare facilities, there is a gap of time between using the instruments and re-processing. Usually after the operations, the instruments still contain residual parts of the operation, such as blood and tissue of the patient. The dried residue is very hard to remove. By using the washing machine, it's necessary to verify the washing quality by simulating the hard soils.

Steri-Tag Indicator has a strong simulated soil and used by clipping on the baskets or mesh's, in order to confirm visually if the washing device is working properly.

- Article number: STWC-103
- Easy to use
- Significantly soil visual detection in a proper washing cycle
- Clip-able on any material
- Disposable single-use tag
- Cost-effective
- Lot number and expiration date for each tag

SUPPLEMENTARY





Certain products that are not categorized in the general range. However, **STERDOC** supplies all kind of necessary products which is needed in the CSSD departments.



Article Number: STDL-SIZE
Packaging: Depends on Size
Shelf Life: 48 Months

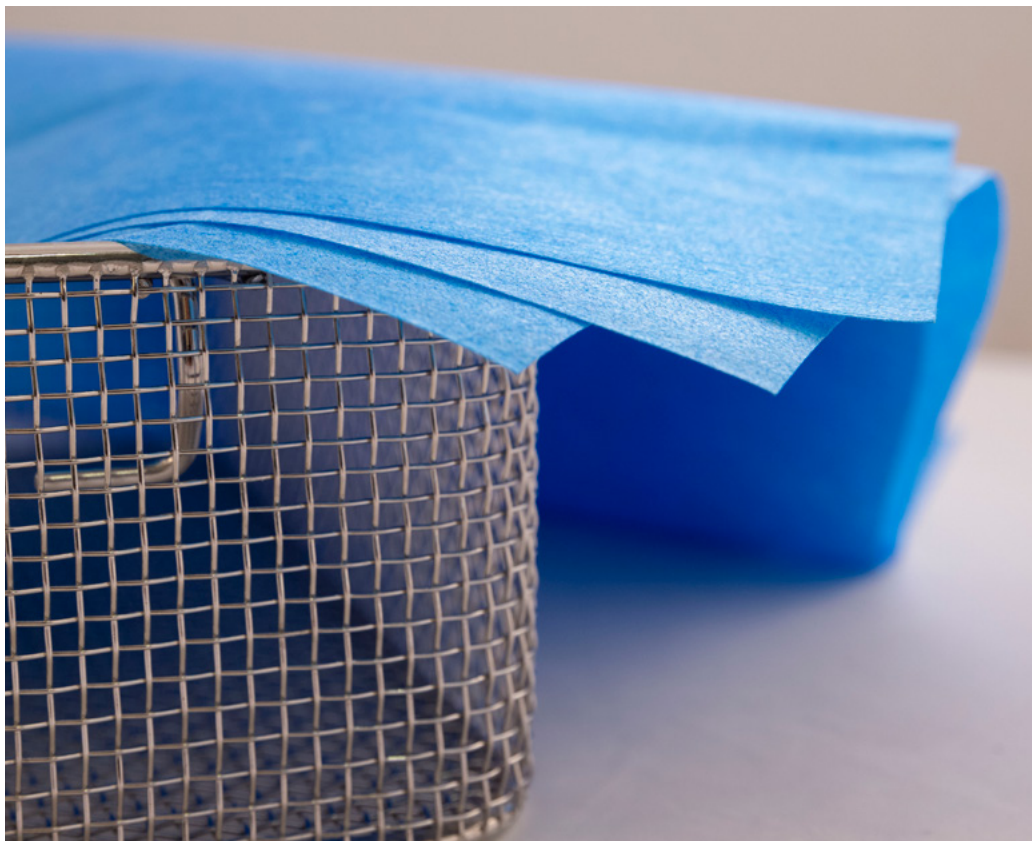
Dry Liner

Surgeons need to have dry hands during an operation. Every second in the OT is crucial and a rapid Dry Liner with a high absorption rate is unavoidable.

STERDOC Dry Liners are designed to use as a single-use towel during a surgery, but it also can be used as a Tray Liner.

Dry Liner or Single Use Towel must be lint-free for the operation purposes. It has the advantage that it won't attach to the instruments which can cause a high risk of transferring inside of the patient's body. These particles will cause many problems for patients. A high rate of Water/Blood absorbance and less lint is features of a great Dry Liner.

- High level of water absorption
- Combination of Viscose and Cotton
- Available in different sizes upon hospitals needs (Standard size is 40 x 40 cm)
- Up to 700% Absorbent Rate
- Manufactured with very low lint
- Disposable single-use liner
- Cost-effective
- Lot number and expiration date for each box



Article Number: STTL-SIZE
Packaging: Depends on Size
Shelf Life: 48 Months

Tray Liner

Water is an important element within the sterilization process. Specially in Steam and EtO methods, the remained water drops are very challenging.

Any water residue is one risk factor to break sterilization quality.

STERDOC Tray Liners are designed to absorb the remaining water drops inside of the package, this in order to prevent the contamination passage to the outside of the package. Moreover, in the EtO method, water drops prevent direct contact of gas to the instruments. Which means that this part of the instrument is not sterilized. Therefore, it is very important to make sure that the chamber does not contains with water drops.

- High level of water absorption
- Combination of Viscose and Cotton
- Available in different sizes upon hospitals needs
- Up to 700% Absorbent Rate
- Manufactured with very low lint
- Disposable single-use liner
- Cost-effective
- Lot number and expiration date for each box



Article Number: STSL-102
Packaging: Each

Steri-Seal

Excellent sterilization reel will become a waste when it is sealed by a low-quality sealing machine. Good capital devices prevent additional costs for the hospitals, such as continuous maintenances and failed results of sealing.

STERDOC Steri-Seal sealing machine is a brilliant choice for each hospital and healthcare facility, who's seeking a premium sealing quality. One of the advantages of our machine is that it is very quiet, specially if it is placed in a noiseless area. Steri-Seal is a very staff-friendly machine with almost maintenance-free feature and easy to work.

Unlike many other sealers, the Steri-Seal is very light and flexible to move around in the CSSD-department. Also the cover color is coated, which gives the advantage to be disinfected.

- Article number: STSL-102
- Noise-free
- Low utility consumption
- Almost maintenance-free
- Easy to use
- Supplied with or without the printer
- Built-in computer for records output
- Lightweight
- High-end mechanical design
- Disinfection friendly



Article Number: STSL-101
 Packaging: 100 Pcs/Bag
 Shelf Life: 48 Months

Seal Check

Infections are waiting for our mistakes. If any problem occurs in the packaging of a sterilized instrument, it will cost the staff a lot of effort to reprocess it again and also it has too much infection risks. In hospitals and healthcare facilities, storage of sterilized instrument is very important. Each CSSD needs to have a medical Sealing Machine in order to seal the reels properly to prevent any contamination.

Lower pressure or less temperature will cause weak sealing and higher temperature or pressure and even speed will cause ultra-melted sealing. Therefore it is highly recommended to verify the Sealing Machine daily, with a Seal-Check.

STERDOC Seal-Checks serves the hospitals to assure that the Sealing Machines are working properly and the staff can measure the results visually.

This Seal-Check Indicator is for the routine testing of the sealing Steam as well as to carry out an Operational Qualification (OQ) and Performance Qualification (PQ) during the validation process.

- Article number: STSL-101
- Significant visual performance after sealing
- Disposable single-use Indicator
- Cost-effective
- Lot number and expiration date for each Indicator
- Supplied in foil bags to prevent any environmental effects on Indicator



Article Number: STC
Packaging: Each

Containers

It is a big challenge for the hospitals and the healthcare facilities to keep the instruments sterilized for a defined period of time. Most of the time it goes wrong during the transport within the hospitals, from one department to the other. Shelf life of sterilized packages has always been a topic of discussions within the CSSD's.

How long can we keep our packages sterilized? It is a tricky question. It depends on:

- The storage where they keep the packages (CFU: Colony For Unit)
- The material of the packaging which is used for the instruments
- Have they been touched by people

This means that the shelf life of the sterilized packages are very complicated to be measured. By the well-designed **STERDOC** Containers, the hospitals can achieve the optimum sterilization shelf life, and prevent any failures of an operation.

STERDOC Containers are designed for the hospital staff-members, who seek a high performance with a nice appearance all together, that you wish you have had one at your home!

- Article number: STC
- Various sizes based on needs
- Designed with various Indicator holders in different places
- Very light weight
- Easy to use and easy to change the filters
- Scratch free
- The used material of the Container prevents the color change even after hundred sterilization cycles

Sterilization container systems are manufactured as five different length, width and height. All models and sizes have specific baskets and accessories.

Features:

- Modular auto lock mechanism (thermos-lock)
- Indicator window



Full Size



3/4 Quarter Size



1/2 Half Size



Extra Large Size



Extra Long Size

For more detailed sizes visit www.sterdoc.nl



Article Number: STMK-BLUE/BLACK
Packaging: 20 Pcs/Box
Shelf Life: 24 Months

CSSD Marker

Writing on products is simple. It goes difficult when a certain product needs to be sterilized at 134 °C and tolerate the high pressure of Steam and the strong vacuum. Writing materials must be toxic-free for the operators.

STERDOC CSSD Markers are very suitable to be used for the CSSD applications. These non-toxic markers are coming in two different colors and have a fine tip to create a clear writing possible on various substrates.

- Article number: STMK-BLUE/BLACK
- Unique pen for use on almost all kind of packaging types
- Excellent smudge-proof and waterproof qualities
- Dries in seconds, therefore ideal for left-handed users
- Permanent, no odor ink
- Stand-up **STERDOC** box
- PP barrel and cap guarantee long service life
- DRY SAFE – can be left uncapped for days without drying up
- Airplane-safe – automatic pressure equalization prevents pen from leaking on board aircraft shipping
- Superb color brilliancy
- Suitable for Steam, EtO, FORM and H₂O₂ Gas Plasma
- Supplied in Blue and Black colors
- Complies to ISO 554



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