



MEDILUNA HEALTH CARE



ABOUT US

Mediluna Health Care is a company that produces sterilization control products and aims to develop this market. It was established with the purpose of providing quality and accessible products to its customers by transferring the knowledge and experience gained in the market to production.

Our company, which aims to reach all health institutions in our country, continues its activities in line with this goal with its widespread dealer network in various provinces.

Our company, which strives to expand and develop the products in its portfolio, is rapidly advancing in line with the principle of spreading its products throughout the world.

OUR VISION

To meet the needs of our customers and the sector at the highest level, to contribute to the health sector by developing the market we are in while improving ourselves.

OUR MISSION

To present our quality, reliable and sustainable products produced in accordance with world standards to the health institutions and organizations located in the international platform of the health sector, to deliver them on time, to increase our customer delight and to be with our customers at every stage by providing after-sales support.





STEAM CHEMICAL INDICATOR CLASS 6 3,5 MIN.



Sterifirst Steam Chemical Indicators are designed to evaluate the parameters of the steam sterilization process and read the results instantly. A chemical indicator should be used in each sterilization package to control whether the steam penetrates the packaged material and reaches the surgical instruments inside.

These are indicators that operate in the parameters of 134 °C – 3,5 minutes and 121°C – 15 minutes.

The contents of each package must be exposed to several critical parameters of the sterilization process. These critical parameters for steam are; saturated vapor, time and temperature. They can be used in all steam sterilizers.

When the specified parameters are met, the indicator changes to the reference color and the indicator retains the result color for at least 6 months.

It is produced in accordance with ISO 11140-1 Class / Type 6 standard.

Indicator inks are water-based and contain no toxic chemicals or lead.



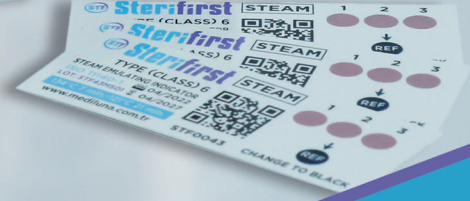
PRODUCT CODE:

Sterifirst Steam Chemical Indicator Class 6 3,5 Min. **STF0035**





STEAM CHEMICAL INDICATOR CLASS 6 7 MIN.



Sterifirst Steam Chemical Indicators are designed to evaluate the parameters of the steam sterilization process and read the results instantly. A chemical indicator should be used in each sterilization package to control whether the steam penetrates the packaged material and reaches the surgical instruments inside.

These are indicators that operate in the parameters of 134 °C – 7 minutes and 121°C – 20 minutes.

The contents of each package must be exposed to several critical parameters of the sterilization process. These critical parameters for steam are; saturated vapor, time and temperature. They can be used in all steam sterilizers.

When the specified parameters are met, the indicator changes to the reference color and the indicator retains the result color for at least 6 months.

It is produced in accordance with ISO 11140-1 Class / Type 6 standard.

Indicator inks are water-based and contain no toxic chemicals or lead.



ÜRÜN KODU:

Sterifirst Steam Chemical Indicator Class 6 7 Min. **STF0043**





MULTIPARAMETER STEAM CHEMICAL INDICATOR CLASS 4



Sterifirst Steam Chemical Indicators are designed to evaluate the parameters of the steam sterilization process and read the results instantly. A chemical indicator should be used in each sterilization package to control whether the steam penetrates the packaged material and reaches the surgical instruments inside.

These are indicators that operate in the parameters of 134 °C – 3,5 minutes and 121°C – 15 minutes.

The contents of each package must be exposed to several critical parameters of the sterilization process. These critical parameters for steam are; saturated vapor, time and temperature.

They can be used in all steam sterilizers.

When the specified parameters are met, the indicator changes to the reference color and the indicator retains the result color for at least 6 months.

It is produced in accordance with ISO 11140-1 standards.

Indicator inks are water-based and contain no toxic chemicals or lead.



PRODUCT CODE:

Sterifirst Multiparameter Steam Chemical Indicator Class 4 **STF0065**





STEAM CHEMICAL INDICATOR CLASS 5



Sterifirst Steam Chemical Indicators are designed to evaluate the parameters of the steam sterilization process and read the results instantly. A chemical indicator should be used in each sterilization package to control whether the steam penetrates the packaged material and reaches the surgical instruments inside.

These are indicators that operate in the parameters of 134 °C – 3,5 minutes and 121°C – 15 minutes.

The contents of each package must be exposed to several critical parameters of the sterilization process. These critical parameters for steam are; saturated vapor, time and temperature. They can be used in all steam sterilizers.

When the specified parameters are met, the indicator changes to the reference color and the indicator retains the result color for at least 6 months. At least two criteria should turn black if valid and all three criteria should turn black for optimum results.

It is produced in accordance with ISO 11140-1 Class / Type 5 standards.

Indicator inks are water-based and contain no toxic chemicals or lead.



PRODUCT CODE:

Sterifirst Steam Chemical Indicator Class 5

STF0066





STEAM CHEMICAL INTEGRATOR CLASS 5



Sterifirst Steam Integrators work in a way that gives the closest result to biological indicators.

The top cover of the integrator is covered with polypropylene, which can let the steam in at a certain speed. The lower part is covered with aluminum, which prevents the passage of steam. During the steam sterilization process, the tablet, which starts to progress from the moment the biological death starts, passes to the ACCEPT (acceptance) section at the exact moment when the death occurs.

There is a chemical tablet in the steam chemical integrator, this tablet starts to move on special litmus paper according to the values in the sterilization process and stops at ACCEPT or REJECT according to the success of sterilization. The length of advance depends on steam, temperature and time.

After sterilization, the color change remains stable for 6 months and can be used for recording.

It is produced in accordance with ISO 11140-1 Class / Type 5 standard.

Indicator inks are water-based, free of toxic chemicals or lead.



PRODUCT CODE:

Sterifirst Steam Chemical Integrator Class 5

STF0071





ETHYLENE OXIDE CHEMICAL INDICATOR CLASS 5



Sterifirst Ethylene Oxide Chemical Indicators are developed to control the critical parameters of Ethylene Oxide sterilization processes such as time, temperature, gas concentration, penetration and humidity.

Depending on these parameters, the indicator ink changes color as a result of successful sterilization. It informs the user about the success of sterilization and provides an easy color comparison.

Ethylene Oxide Chemical Indicators are used as an in-pack indicator in sterilization. It should be placed in each package to be sterilized together with the load.

Sterifirst Ethylene Oxide Chemical Indicators are Class / Type 5 indicators.

Its high-tech inks do not contain toxic chemicals or lead. They are water based.

Sterifirst Ethylene Oxide Indicators are produced in accordance with ISO 11140-1 Class / Type 5 standard.



PRODUCT CODE:

Sterifirst Ethylene Oxide Chemical Indicator Class 5

STF0037



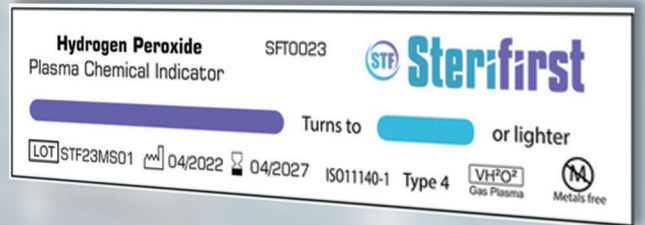
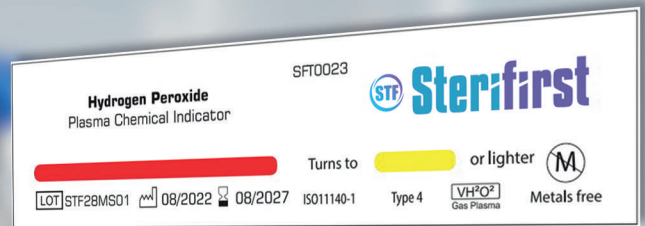


HYDROGEN PEROXIDE (PLASMA) CHEMICAL INDICATOR CLASS 4

Sterifirst Hydrogen Peroxide (Plasma) Chemical Indicators are specially produced for the Hydrogen Peroxide Plasma Systems.

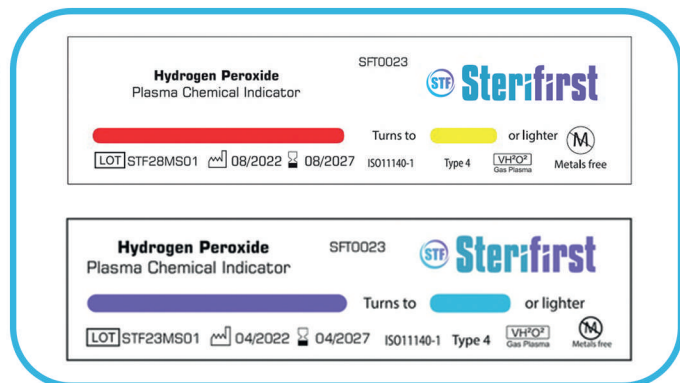
The color of sterilization ink changes depending on time, gas condensation and temperature.

Suitable for Ethylene Oxide, Dry Heat, Plasma or Evaporated Hydrogen Peroxide sterilization processes. Do not expose to any sterilization process other than these.



Sterifirst Hydrogen Peroxide (Plasma) Chemical Indicators are produced according to ISO 11140-1: 2015 standards.

Do not reuse.



PRODUCT CODE:

Hydrogen Peroxide Chemical Indicator

STF0023





BOWIE DICK TEST PACKS



Sterifirst Bowie-Dick Test Packs are designed to evaluate the airflow performance of autoclaves with pre-vacuum system operating at 134°C and 3.5 minutes.

Sterifirst Bowie Dick Test Packs help detect sterilization problems at an early stage.

There is a chemical indicator in the middle of each package. A uniform color change of the indicator indicates that all air has been removed, replaced with steam and the autoclave is working properly.

The process indicator on the package label clearly shows whether the package has been used or not.

Test cards can be kept for record keeping. The back of the card is designed to be writable to provide secure and accurate record keeping. Sterifirst Bowie Dick Test Packs are produced according to the ISO 11140-1 and 11140-4 standards.

Sterifirst Bowie Dick Test Packs are produced according to the ISO 11140-1 and 11140-4 standards.

It is disposable.

Sterifirst Bowie Dick Test Packs weigh 300 ± 10 g.

Sterifirst Bowie Dick Test Packs are produced in packs of 200 and 400.



PRODUCT CODE:

Sterifirst Bowie Dick Test Pack 400W **STF0018**
Sterifirst Bowie Dick Test Pack 200W **STF0039**





HELIX TEST INDICATOR AND HELIX PROCESS CHALLENGE DEVICE (PCD)



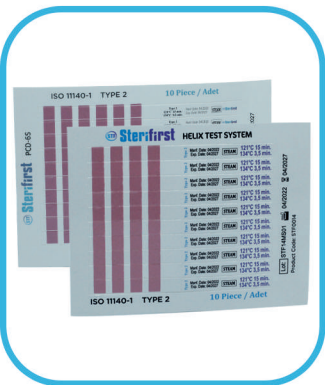
The Sterifirst Helix PCD Test Kits are used for load control. Indicators are placed at the end of the Sterifirst Helix Process Challenge Device, only steam can enter from the beginning of the apparatus and reach the chemical indicator by passing through a single point at the end of the apparatus.

If 4 or 6 bars turn to the final color, the result is successful, but if one or more bars differ from the final color, the device and sterilization process should be checked.

If the color change of the Sterifirst Helix Test Indicator is achieved despite the difficult conditions, it is an important reference for the sterilization process in that load and should be kept as a record for the sterilization success of the load.

*There are 100 indicator strips in each package.

Sterifirst Helix PCD Test Kits are manufactured under ISO 13485:2016 and ISO 11140-1-4 standards.



PRODUCT CODE:

Sterifirst Helix Test Indicator
Sterifirst Helix Bowie Dick Test Indicator
Sterifirst Helix Load Controller (PCD) 1.5M
Sterifirst Helix Load Controller (PCD) 4M

STF0014
STF0057
STF0076
STF0077



PROTEIN RESIDUE TEST KIT



-Sterifirst Protein Residue Test Kit is a rapid test which allows the detection and measurement of residual proteins that remain on surgical instruments or surfaces that are difficult to clean.

-It gives accurate results within 10 seconds.

-It detects protein residues of 1, 5, 20, 50 µg.

- It is simple to use, no need for incubation.

- There are 24 test tubes, 24 swab sticks and a moisturizing spray in the Sterifirst Protein Residue Test Box.

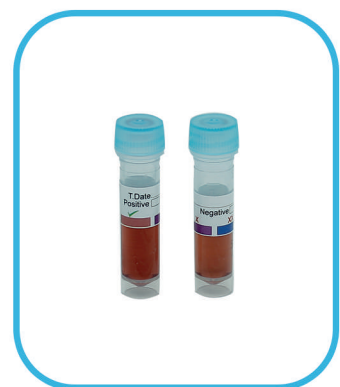
-Tests can measure small amounts of protein, such as blood or blood tissue and can verify effectiveness of the washing process.

- If there is protein residue, the color of the liquid in the test tube changes from brown to purple. In cases where there is no protein residue, its color remains the same.

- On the label on each test; There is an empty space to write the date and information of the tests.

Sterifirst Protein Residue Test Kit are produced according to ISO 15883-1 and ISO 15883-4 standards.

-The shelf life of the product is two years.



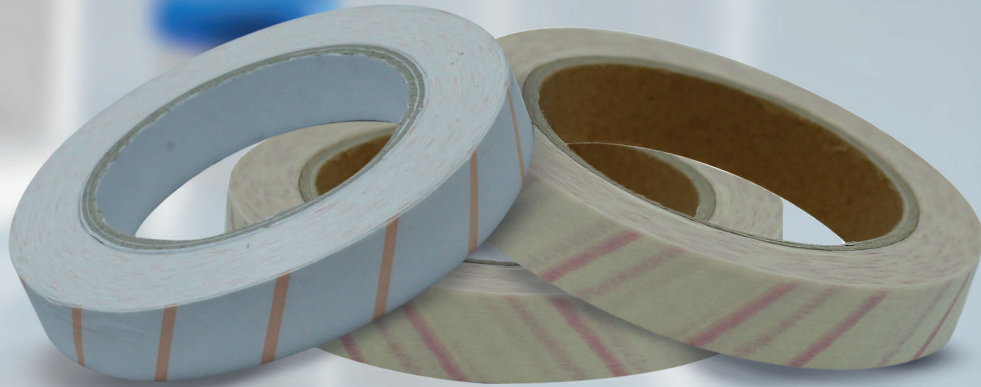
PRODUCT CODE:

Sterifirst Protein Residue Kit

STF0021



AUTOCLAVE TAPES



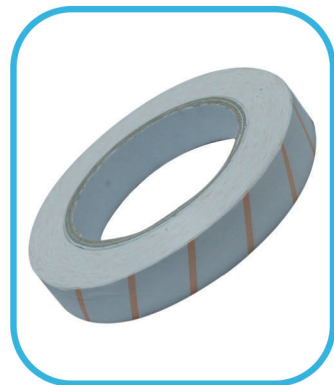
Sterifirst Autoclave Tapes are products that are widely used in sterilization processes. A safe solution for sealing all Steam, Ethylene Oxide and Hydrogen Peroxide (Plasma) packaging materials.

Sterifirst Autoclave Tape is an indicator tape produced for wrapping and sealing Wrap, Crepe and SMS used for bundling. The chemical indicator strips on the tapes change color after being exposed to Steam, Ethylene Oxide and Hydrogen Peroxide (Plasma) separately. In this way, processed products can be identified instantly.

They are high resistant tapes with excellent adhesion against physical and chemical abrasions that occur in different sterilization processes.

Sterifirst Autoclave Tapes have a Type 1 indicator.

They are produced in accordance with ISO 11140-1 Class 1 standards.



PRODUCT CODE:

Sterifirst Steam Autoclave Tape	STF0026
Sterifirst Hydrogen Peroxide Autoclave Tape	STF0032
Sterifirst Ethylene Oxide Autoclave Tape	STF0082





DOCUMENTATION LABELS AND LABELLING MACHINE



Sterifirst Documentation Labels are double-adhesive chemical indicators designed to mark sterilization packages and distinguish between sterilized and non-sterilized packages.

The result can be easily interpreted due to the sensitivity in the color change of Class / Type 1 indicator.

Its double-adhesive technology allows labels to be easily removed from sterilization packages and re-affixed to the file or paper to be archived.

Labels are three line. The first line contains both letters and numbers. The second and third lines contains the sterilization date and expiry date.

Sterifirst Documentation Labels are disposable chemical indicators produced with high technology sterilization inks. Contains no toxic chemicals or lead. Water based.

Produced in accordance with EN ISO 11140-1 Class / Type 1 standards.

Labels can be used in Steam, Hydrogen Peroxide (Plasma) and Ethylene Oxide sterilization processes and provide an easy understanding of whether packages are exposed to sterilization agents.

Documentation labels are manufactured under ISO 13485 and ISO 9001 quality systems.

- 600 pieces in rolls for EO & Steam
- 400 pieces in rolls for HP (Plasma)
- 28x29 mm

The Sterifirst Label Gun is a product used for recording purposes with the ability to write the operator's name, sterilizer number, production and expiry date on the label. It provides an easy-to-use and printing solution for indicator labels.

Label roll and ink cartridge can be easily inserted.

11 letters can be written on the first line, and 11 numbers can be written on the 2nd and 3rd lines.



PRODUCT CODE:

Sterifirst Steam Documentation Labels
Sterifirst Ethylene Oxide Documentation Labels
Sterifirst Hydrogen Peroxide (Plasma) Documentation Labels

Sterifirst Label Gun

STF0040

STF0041

STF0042

STF0081





CLEANING INDICATOR CLEANING INDICATOR HOLDER



Sterifirst Cleaning Indicator is designed for routine monitoring of washing machine activity.

It provides easy registration and documentation.

It is easy to measure the effectiveness of the washer by observing the color differences.

The indicator, which is placed in the Holder before the process, will be free of fake dirt on its surface, which will not allow reading errors at the end of a successful process.

The surface formulation of the indicator contains protein, lipid and polysaccharide.

The washing indicator can be easily placed on the washing indicator apparatus (holder).

The Sterifirst Washing Indicator is for single use only.

It is produced within the scope of ISO 15883-1 and ISO 15883-5 standards.

It has been produced in accordance with ISO 9001 and ISO 13485:2016 quality standards.

The Sterifirst Cleaning Indicator holder is designed to hold washing indicators for routine control of cleaning and thermal disinfection processes in washing machines.

The reusable Sterifirst Cleaning Indicator Apparatus (holder) is made of stainless steel with great resistance and durability.



PRODUCT CODE:

Sterifirst Cleaning Indicator
Sterifirst Cleaning Indicator Apparatus (Holder)

STF0015
STF0061





CLEANING INDICATOR METAL AND ULTRASONIC WASHING INDICATOR APPARATUS (HOLDER)

Sterifirst Metal and Ultrasonic Wash Indicators are designed for routine monitoring of washing machine efficiency.

It provides easy registration and documentation.

Measuring washer effectiveness is easy by observing color differences. The indicator, which is placed in the Holder before the process, will be free from fake dirt on its surface, which will not allow reading errors at the end of a successful process.

The surface formulation of the indicator contains protein, lipid and polysaccharide.

The washing indicator can be easily placed on the washing indicator apparatus (holder).

Sterifirst Metal and Ultrasonic Washing Indicators are for single use only.

Sterifirst Metal Washing Indicators are used in standard washers and Sterifirst Ultrasonic Washing Indicators are used in Ultrasonic Washing Devices.

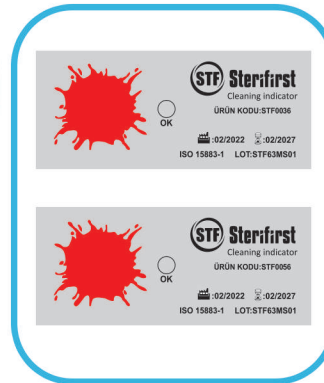
It is produced within the scope of ISO 15883-1 and 15883-5 standards.

It is produced in accordance with ISO 9001 and ISO 13485:2016 quality standards.



The Sterifirst Washing Indicator Apparatus is designed to hold washing indicators for routine control of cleaning and thermal disinfection processes in washing machines.

The reusable Sterifirst Washing Indicator Apparatus is made of stainless steel with great resistance and durability.



PRODUCT CODE:

Washing Indicator Metal
Washing Indicator Ultrasonic
Washing Indicator Apparatus (Holder)

STF0036
STF0056
STF0061





CONTAINER FILTERS (ROUND- SQUARE-RECTANGLE)

Sterifirst Container Filters are soft and porous disposable medical paper filters used for sterilization containers and surgical use materials in clinics and hospitals. It is suitable for all kinds of containers and baskets.

It is placed on the lid of the sterilization container to ensure steam passage during sterilization and to maintain sterility after sterilization. Additionally, it acts as a strong barrier.

It is temperature resistant to 134° degrees.

As a result of successful sterilization, the Type 1 Chemical Indicator on the filter changes color.

The round filter diameter is 190 mm.
Square filter size; It is 35cm x 35cm
Rectangular filter sizes; 14.5cm x 21.5cm



Sterifirst Container Filters are manufactured in accordance with ISO 11140 Type 1 in ISO 9001 and ISO 13485 quality standards.

*Sterifirst Container Filters can be produced in different sizes upon request.



PRODUCT CODE:

Sterifirst Round Container Filter
Sterifirst Square Container Filter
Sterifirst Rectangular Container Filter

STF0059
STF0073
STF0044-STF0045



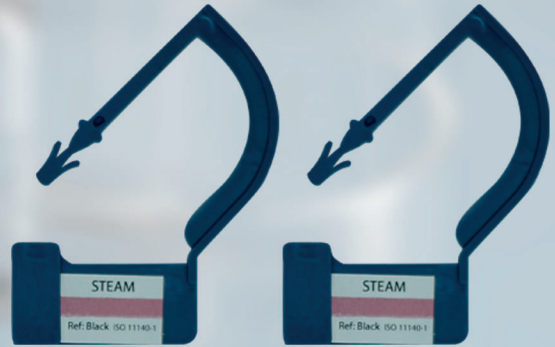
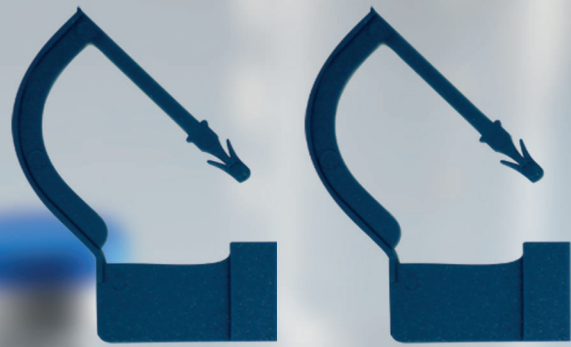
CONTAINER LOCK WITH INDICATOR

Sterifirst Container Lock is produced for the safety of sterilization. Containers are closed with a disposable container lock. Container locks test whether the container lids can be opened.

The plastic and standard lock can be opened by breaking after the sterilization process.

In this way, the device is protected against unauthorized opening. Containers can not be opened by unauthorized personnel.

Container locks are the simplest method that can be used to mark and identify the containers, trays, devices to be sterilized.



Sterifirst Container Locks with Indicator are water based and non-toxic chemical indicators.

The indicator on the lock is produced according to the ISO 11140-1 standards.

Sterifirst Container Locks are manufactured under ISO 9001 and ISO 13485 quality standards.



PRODUCT CODE:

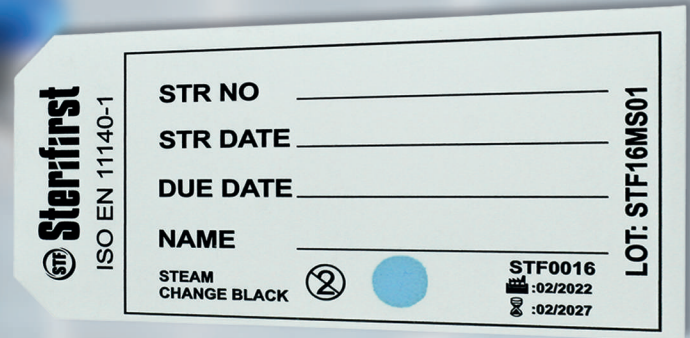
Sterifirst Container Locks with Indicator
Sterifirst Container Lock

STF0022
STF0024





CONTAINER IDENTIFICATION LABEL

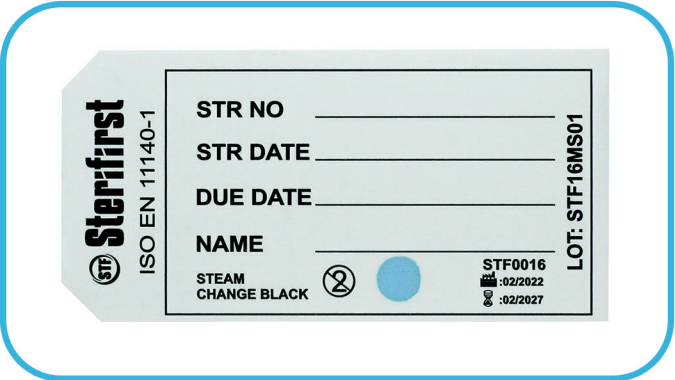


Sterifirst Container Identification Label is produced to label the container and test whether the container has been exposed to the steam sterilization process.

There is a steam chemical indicator dot on the label to distinguish whether the container has been exposed to the sterilizing agent.

Sterilization date, expiry date and sterilizer number can be written on the product.

Sterifirst Container Labels are manufactured according to ISO 11140-1 standards.



PRODUCT CODE:

Sterifirst Container Identification Label

STF0016



AUTOCLAVE SILICONE SPRAY

Sterifirst Silicone Spray is used for the maintenance of the autoclave device's cover gasket and cover, not to stick, not to rust, and to easily separate the cover and the gasket from each other.

When it is squeezed onto the gasket, it creates a thin silicone layer on the surface, increasing the lubricity and preventing the gasket from breaking and cracking in the long run. Protects the device and its cover against moisture.

The antistatic lubricant feature on the squeezed surface is long lasting.

Sterifirst Autoclave Silicone Spray shows high resistance against water.

Sterifirst Autoclave Silicone Spray is suitable for all brands of autoclaves.



Sterifirst Autoclave Silicone Spray is colorless and transparent.



PRODUCT CODE:

Sterifirst Autoclave Silicone Spray

STF0033





ULTRASONIC CLEANING TEST



Sterifirst Ultrasonic Cleaning Test is designed to routinely control and monitor the cleaning process of ultrasonic washing machines.

It operates at temperatures between 18°C and 70°C and at frequencies equal or higher than 35 kHz.

When the cavitation energy is sufficient, the vibrations of the particles in the glass cause a color change in the solution.

Color change indicates that the device is working properly.

By help of the color change, immediate results are obtained.

Sterifirst Ultrasonic Cleaning Test is produced according to the ISO 15583-1 and ISO 15583-5 standards.

There are 24 tests in one box of the Sterifirst Ultrasonic Washing Machine Cavitation Test.

Shelf life is 24 months.



PRODUCT CODE:

Sterifirst Ultrasonic Cleaning Test

STF0069





STERILIZATION REELS



Sterifirst Sterilization Reels provide strong and safe sterile barrier systems for medical supplies and other healthcare equipment.

It is made of extra reinforced layered film to prevent tearing. Thanks to the transparent, multi-layered medical copolymer film, the product inside the package can be seen easily. The opening direction is shown.

The superior barrier structure with 60 gsm or 70 gsm medical kraft paper is compatible with all sealing machines and can be easily closed.

Sterifirst Sterilization Reels indicators are manufactured under ISO 11140. It complies with EN-868-5 quality standards. Steam and Ethylene Oxide indicators are available on all Sterifirst Sterilization Reels.

Indicators are water-based, do not contain toxic substances.



PRODUCT CODE:

Sterifirst Sterilization Reel 5CM X 200M
Sterifirst Sterilization Reel 7.5CM X 200M
Sterifirst Sterilization Reel 10CM X 200M
Sterifirst Sterilization Reel 15CM X 200M
Sterifirst Sterilization Reel 20CM X 200M

STF0005
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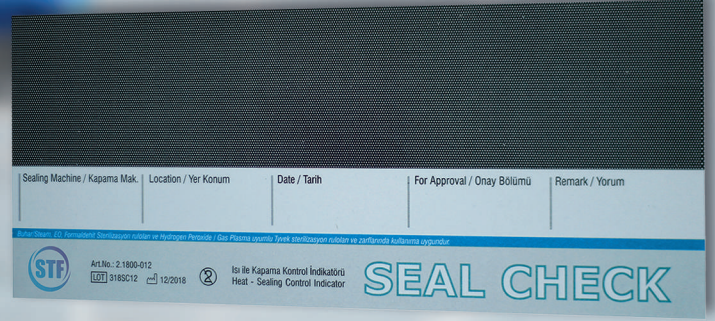
Sterifirst Sterilization Reel 25CM X 200M
Sterifirst Sterilization Reel 30CM X 200M
Sterifirst Sterilization Reel 35CM X 200M
Sterifirst Sterilization Reel 40CM X 200M

STF0010
STF0011
STF0012
STF0013





SEAL CHECK STEAM AND HYDROGEN PEROXIDE



Sterifirst Seal Check is used to check whether the sealing machines complies with the sealing standards. It visibly shows the results and quality of the sealing machine, so that sealing problems can be found quickly. The sealing parameters, requirements and quality can be ensured accurately.

Sterifirst Seal Checks provide routine monitoring of sealing devices. It provides fast reading and can be easily interpreted. Records can be saved.

Sterifirst Seal Check Steam high temperature paper and plastic,

Sterifirst TYVEK Seal Check low temperature paper and plastic.



PRODUCT CODE:

Sterifirst Seal Check Steam
Sterifirst Seal Check Hydrogen

STF0025
STF0058



Head Quarter
İmbatlı Mahallesi 1595 Sk. Ümsan Vera Blok
No:137/E Karşıyaka/İzmir

Manufacture
Meriç Mahallesi 5746/13 Sk. No:15 Bornova/İzmir

+90 (232) 330 27 27

+90 (232) 330 47 47

+90 (533) 597 58 62

info@mediluna.com.tr

muhasabe@mediluna.com.tr

