FTM Steriway

Sterilization Packaging Solutions
Sterilization Processing Systems



www.ftmpack.com.tr

HANEDAN

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FTM Steriway

About Us

As Hanedan, we manufacture sterlization packaging and monitoring products in Türkiye under our FTM Steriway® brand, classified as Class 1 Medical Devices. In line with our mission to be a leading manufacturer that adheres strongly to relevant regulations MDR (EU) 2017/745, TS EN ISO 13485, TS EN ISO 11140-1 and TS EN 868-5, we manufacture these products, providing all the performance required for sterilization processes in medical device manufacturers and central sterilization units. We produce in controlled areas and ISO 8 clean room In total of 12.000 sqm production facility in accordance with standards, using certified and market-accepted raw materials for all sterilization methods, ensuring product quality.

Following its experience in the packaging industry, FTM Steriway started producing medical sterile packaging in 2010.



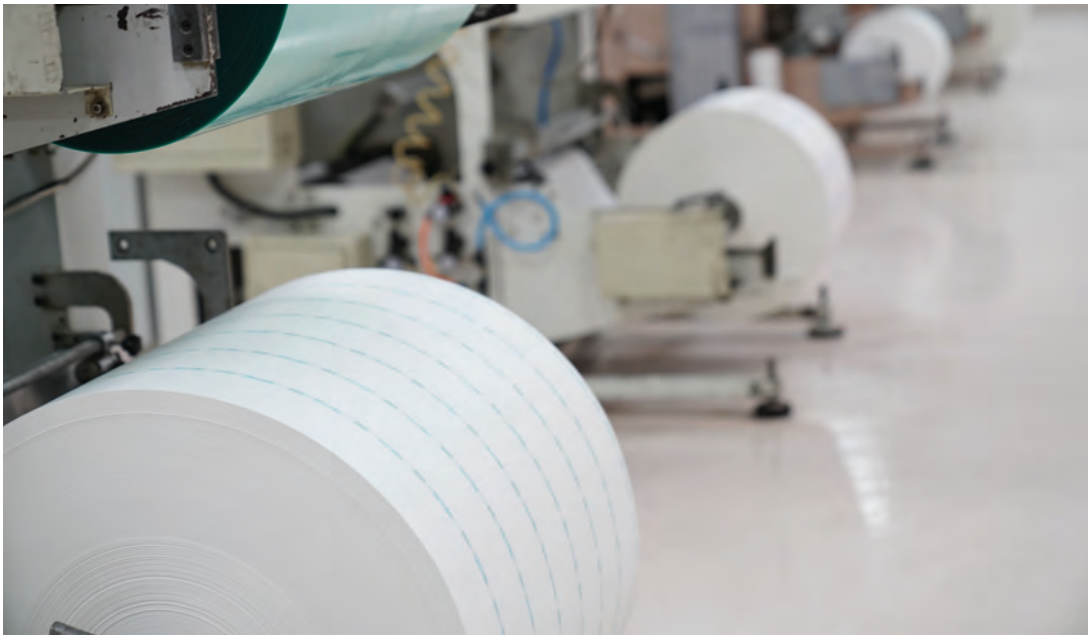




FTM Steriway

Sterilization
Packaging
Solutions





Reels



Reels

Reliable barrier,high resistance, exceptional peelability

FTM Steriway@ Sterilization Reels produced with high quality validated raw materials ensures product safety compatible with Steam, ETO, FA and H2O2 sterilization methods.

Safe

Designed to provide maximum protection against external contamination, ensuring the integrity of sterile products throughout their lifecycle.

Functional

Engineered for ease of use and compatibility with various sterilization methods, supporting efficient and reliable workflows.

Reliable

Manufactured in accordance with international quality standards, delivering consistent performance and dependable results every time.

Flat Reels

Sterilization reels are manufactured with high quality raw materials providing high impact resistance and perfect peelability which is in line with aseptic rules so that maximum protection is guaranteed. Besides FTM Steriway® reels, customized ones for all sterilization methods provides with excellent packaging solutions.



Class

MD Class I, Non Sterile

Sterilization

Steam, ETO, FA

Indicators

Steam, ETO, FA

Packaging

Double Plastic Bag, Carton Box



Tyvek® Reels

High resistant Tyvek® pouches are ideal for packaging requiring high durabiity and suitable for sterilization with H2O2 and ETO. Tyvek® reels offer the best microbial barrier features and good peelability.

Class

MD Class I, Non Sterile

Sterilization

H_2O_2, ETO

Indicators

H_2O_2, ETO

Packaging

Double Plastic Bag, Carton Box



Gusseted Reels

Ideal and required for packaging of medical devices and instruments. High quality film ensures high resistance for product safety. Compatible with ETO, Steam and FA sterilization.



Class

MD Class I, Non Sterile

Sterilization

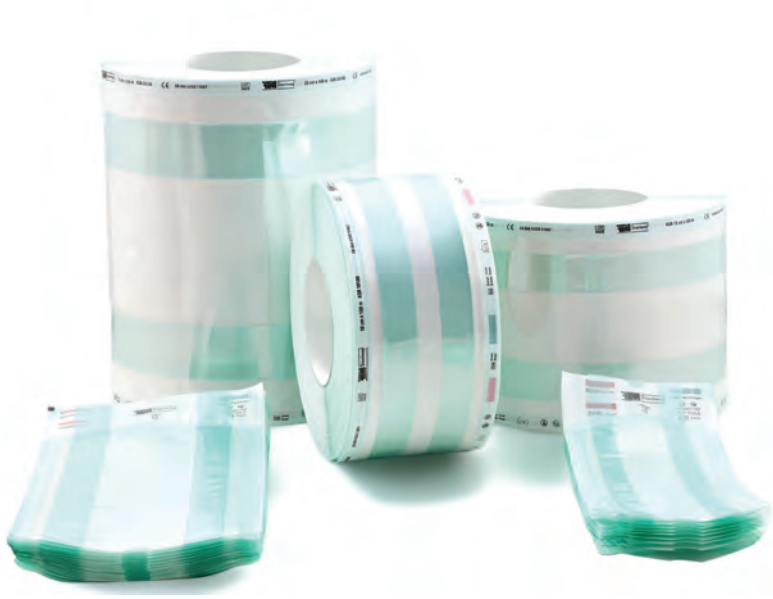
Steam, ETO, FA

Indicators

Steam, ETO, FA

Packaging

Double Plastic Bag, Carton Box

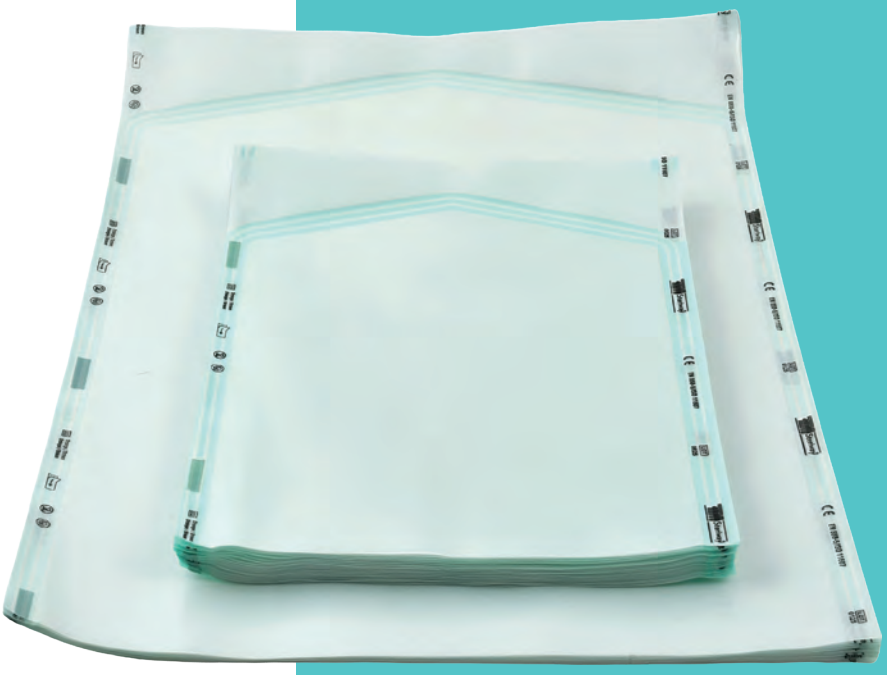




FTM Steriway



Pouches



Pouches

Maximum security, high resistance, perfect pealability

Sterilization pouches are manufactured with high quality raw materials providing high impact resistance and perfect pealability which is in line with aseptic rules so that maximum security is guaranteed.

User Friendly

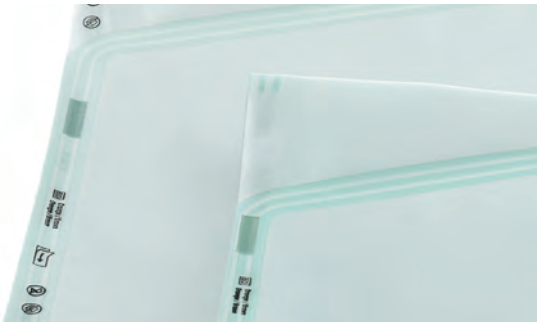
Designed for easy handling and efficient use, the pouches ensure smooth opening with perfect peelability while supporting safe and aseptic presentation of sterile contents.

Resistant

Manufactured from high-quality raw materials, the pouches offer high impact and tear resistance, maintaining barrier integrity throughout sterilization, storage, and handling processes.

Flat Pouches

Pouches, with color changing indicators and adequate seal strenght provide excellent microbial barrier with high sterilization safety. User friendly design helps CSSD professionals in their processes.



Class

MD Class I, Non Sterile

Sterilization

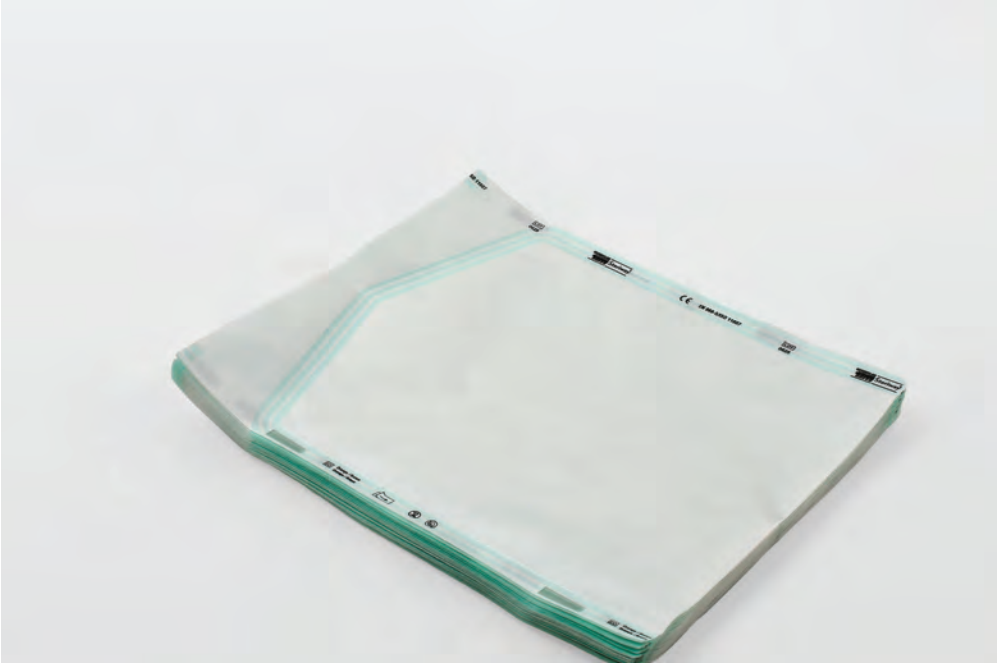
Steam, ETO, FA

Indicators

Steam, ETO, FA

Packaging

Double Plastic Bag, Carton Box



Headerbags

The best solution for high durability required by packaging of surgical custom packs and procedural kits. Transparent film provides clear vision of the integrity, Tyvek® insert allows sterilization by ETO. Available as printed or unprinted with and without sterilization process indicator.



Class

N/A

Sterilization

H_2O_2, ETO, Gamma

Indicators

H_2O_2, ETO

Packaging

Double Plastic Bag, Carton Box



Tyvek® Pouches

Tyvek® pouches are perfect solutions for high resistant packs especially for packing sharp objects, heavy loads which requires relatively higher puncture and tear resistance.



Class

MD Class I, Non Sterile

Sterilization

ETO, H_2O_2, Gamma

Indicators

ETO, H_2O_2

Packaging

Double Plastic Bag, Carton Box



Self-Sealing Pouches

Prior to sterilization, practical packaging of instruments with no need for sealer. Good quality tape provides with a perfect adhesion.Compact solution for mobile services and dental applications.



Class

MD Class I, Non Sterile

Sterilization

Steam, ETO, FA

Indicators

Yes

Packaging

Double Plastic Bag, Carton Box



Sealer



Sealer

Compact Solution for Efficient and Safe Packaging

Durable sealer offers compact design, ensures perfect sealing, and high efficiency in packaging phase. Affordable good quality sealer provides with cost effective packaging line with low maintenance requirement.

Compact

Its compact design allows easy integration into limited workspaces while delivering reliable and consistent sealing performance.

User Friendly

Designed for simple and intuitive operation, the sealer enables quick setup, smooth handling, and effortless daily use with minimal training required.

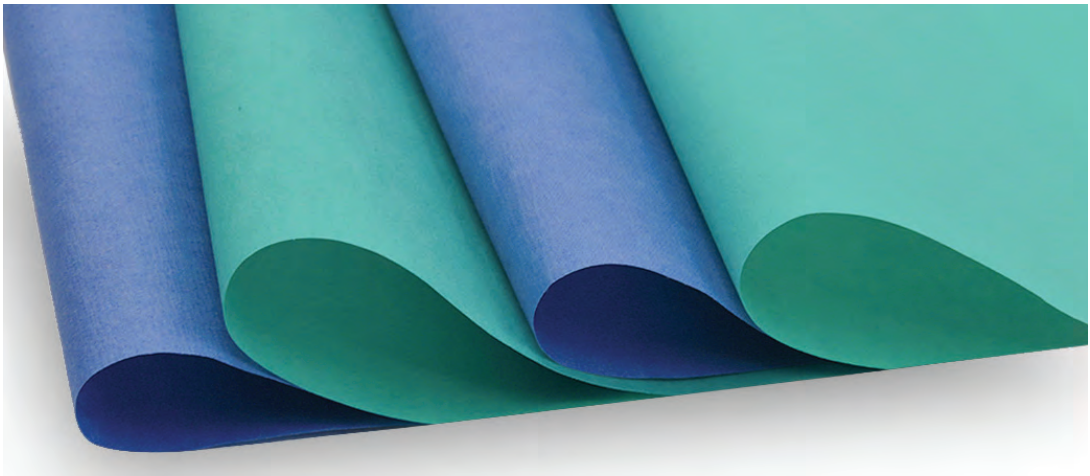
Efficient

Providing perfect sealing and high operational efficiency, the sealer supports a cost-effective packaging process with low maintenance requirements and long-term durability.

Sealer

Solid, compact design and user friendly menu enables to control all sealing parameters easliy providing excellent seal. While printing feature provides perfect traceability, adjustable temperature helps packaging with different materials like paper, Tyvek, film, aluminum etc...



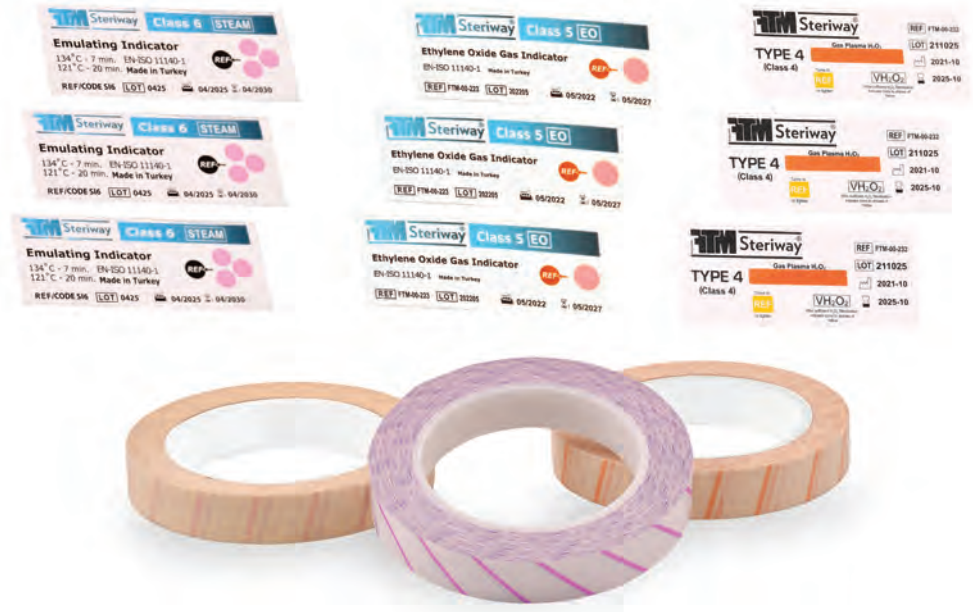


Sterilization Processing Systems

FTM Steriway



Monitoring


Steriway
Class 6 STEAM
Emulating Indicator
134°C - 7 min. EN-ISO 11140-1
121°C - 20 min. Made in Turkey
REF/CODE SI6 LOT 0425
Class 5 EO
Ethylene Oxide Gas Indicator
EN-ISO 11140-1
TYPE 4
(Class 4)
LOT 211025
2021-10
2025-10

Monitoring

Excellent sterilization control

Chemical indicators and tests with high quality features we offer provided with excellent systematic to follow up the performance of sterilization equipments to make sure that the process moves as required as per the standards for sterilization safety.

Functional

Designed to enable systematic and accurate monitoring, the indicators support effective tracking of sterilization performance throughout the entire process.

Quality

Developed to deliver precise and trustworthy results, the indicators support consistent sterilization validation and help maintain full compliance with safety requirements.

Indicator Tapes

The indicator tapes are to be used for fixing wrapped packs with excellent adhesion and confirm the sterility with its process indicators printed on which change colors clearly after each sterilization cycle. Ideal for distinguishing the sets sterilized from the ones not. Tapes for ETO, Steam and H2O2 are available.

Indicators

ETO, H_2O_2, Steam

Sizes

19 mm x 50 m
25 mm x 50 m

Packaging

Double Plastic Bag, Carton Box



Indicator Strips

High-performance sterilization indicator strips provide clear, distinct color change to verify that steam sterilization conditions have been achieved.

Key Features:
Distinct color transition
Water-based, non-toxic, lead-free and heavy-metal-free ink formulation
Easy-to-read, permanent color change for unambiguous interpretation

Indicators

ETO, H_2O_2, Steam

Packaging

250 pcs / Box





Tests



Tests

Reliable control for sterilization performance

High quality tests plays a crucial role to ensure the systematic control of the performance of sterilization equipments to guarantee the efficacy of the whole process.

Reliable

Ensures consistent and dependable monitoring of sterilization equipment performance throughout the entire process.

Precise

Delivers accurate and repeatable results, enabling effective validation of critical sterilization parameters.

Quality

Manufactured with high-grade materials to support effective process control and ensure compliance with sterilization standards.

Bowie&Dick Test

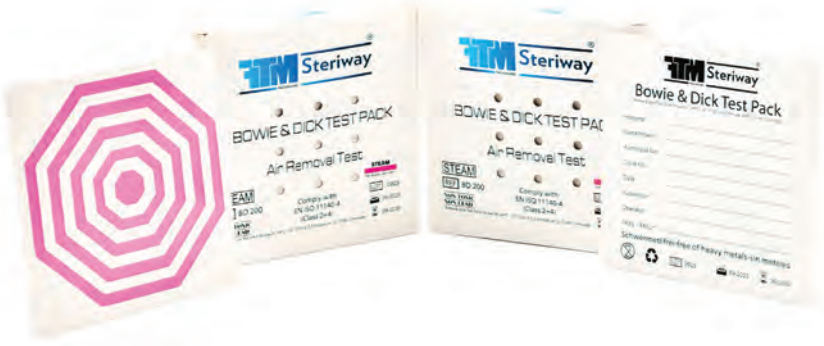
Test for steam penetration with quality materials providing with precise and reliable results.

Indicators

Steam

Packaging

Carton Box



Prion Test

Test for Class B autoclaves applied for 18 minutes at 134oC in conformity with ISO 11140-1:2005

Indicators

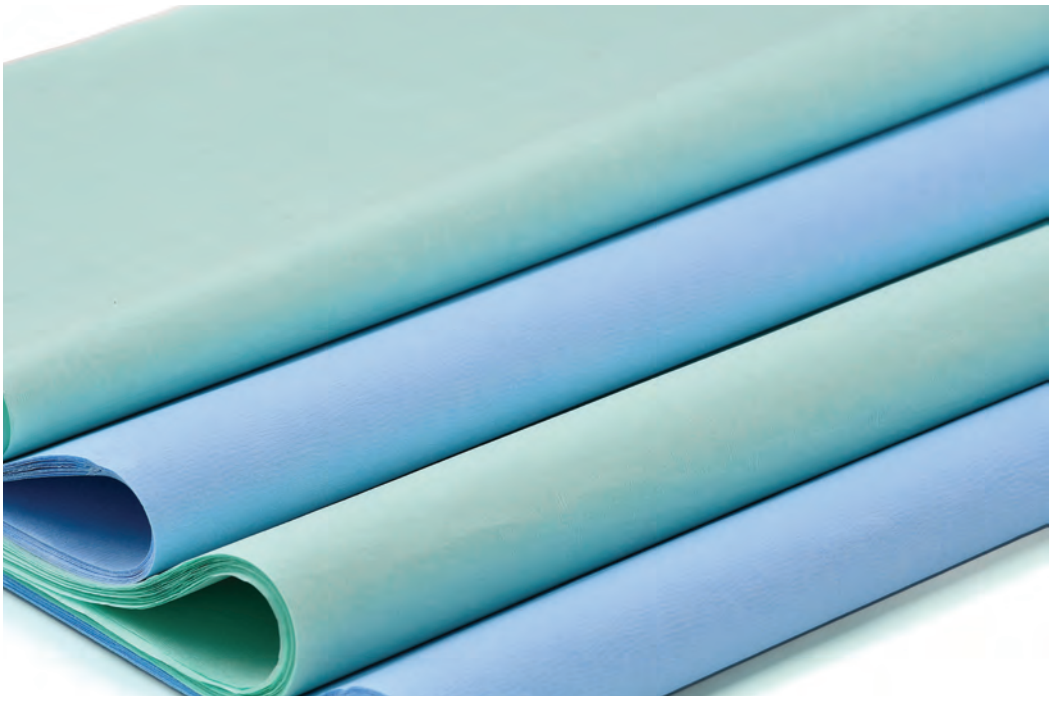
Steam

Packaging

Carton Box



Wrapping



Wrapping

Secure and validated wrapping solutions

Wrapping solutions we provide with highly resistant validated materials (SMMS & paper) eliminates risks of damage and obstacles at wrapping phase of sterilization processes to make sure of sterility secured.

Highly Resistant

Manufactured from validated SMMS and paper materials, providing high resistance against tearing and damage during wrapping and handling.

Flexible

Designed to adapt easily to different instrument shapes and sizes, ensuring smooth and efficient wrapping throughout sterilization processes.

Conforming with Standards

Developed in compliance with applicable sterilization standards, ensuring secure sterility maintenance and reliable process performance.

Crepe Paper

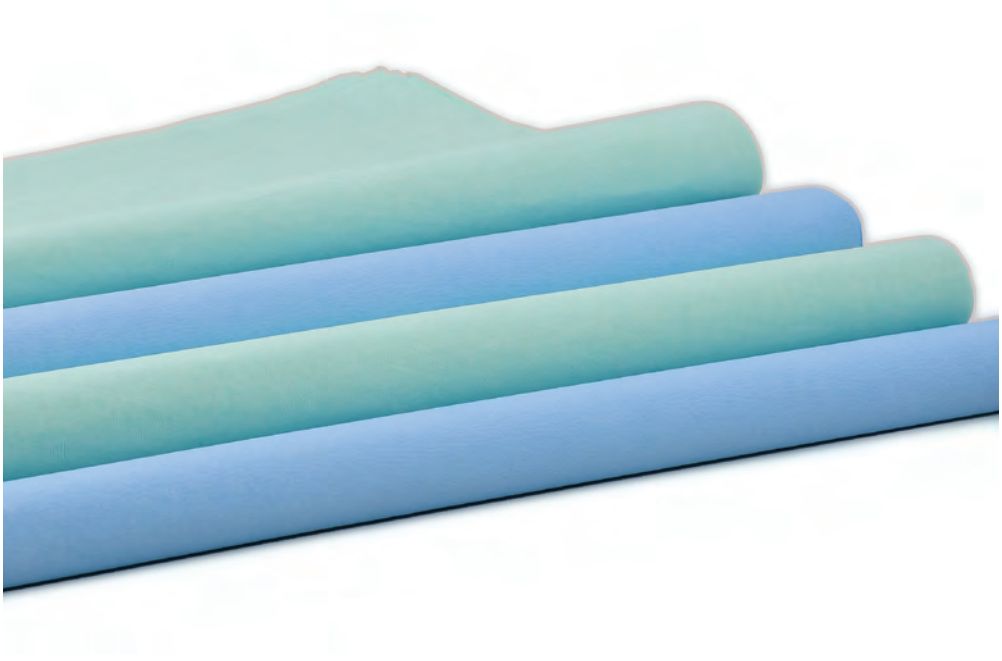
Resistance to humidity as well as high barrier charcteristics makes crepe paper functional for wrapping during sterilization process by steam and gamma.

Sterilization

Steam, ETO

Packaging

Plastic Bag, Carton Box



SMMS Sheet

Flexible material made of spunbod and meltblown layers for wrapping, especially trays with heavy loads. Tear resistant, durable structure ensures the safety while providing soft and flexible handling. Available with 45 and 60gr/m2 alternatives.

Sterilization

Steam, ETO, H_2O_2

Packaging

Plastic Bag, Carton Box





Disposables



Disposables

Essential solutions for safe and controlled sterilization

Disposable items used during sterilization ensure safety and relaiability of the sterilization process. Additionally these items ensure maintaining sterility of medical devices and traceability as a part of the seterilization management system.

Container Filters



Container filters are placed in the lid and body of the sterilization container to allow steam penetration during sterilization and to maintain sterility post sterilization.The materials used are mechanically strong to withstand the vacuum and steam pulse movements and are an effective barrier.

A water-based and non-toxic chemical indicator is printed for sterilization process control.

Indicators

Steam

Packaging

Plastic Bag, Carton Box

Container Locks



Container Locks are designed as a locking system for sterilisation containers in order to secure sterilisation containers after sterilization. The Container Locks ensure consistent quality and high temperature compliance with the various steam sterilization temperatures.

Indicators

Steam

Packaging

Plastic Bag, Carton Box

Tray Liners

Premium medical-grade crepe tray liners designed for optimal performance in sterile processing departments (SPD), central sterile supply departments (CSSD), and operating theatres. Manufactured from high-quality, 100% cellulose-based crepe paper, these absorbent liners provide exceptional moisture management during steam sterilization cycles.

Packaging

Plastic Bag, Carton Box

Labeling



Labeling

Clear and reliable labeling for sterilization traceability

Labels printed with high quality with adequate adhesion enables a good traceability for sterilization processes.

Clear

High-quality printing ensures excellent readability of all critical information throughout the sterilization and handling process.

Traceable

Designed to support full process traceability, enabling accurate identification and follow-up of sterilized items at every stage.

Practical

With adequate adhesion and easy application, the labels integrate smoothly into daily workflows without compromising efficiency.

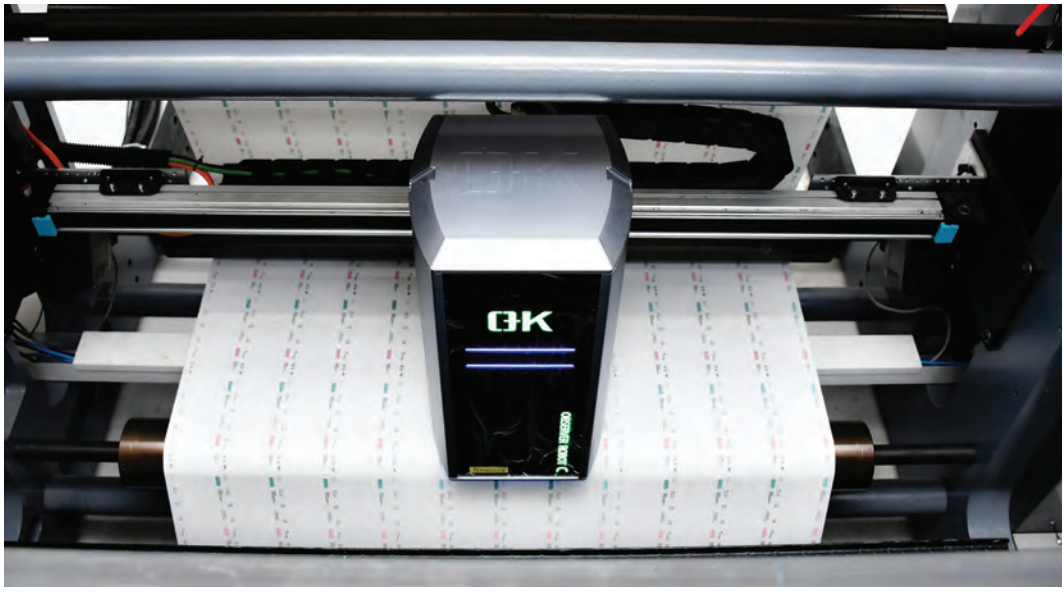
Labeler & Labels

Designed to support effective sterilization management, the Labeler & Labels solution provides clear, durable, and reliable identification throughout the entire process. High-quality printed labels with adequate adhesion ensure accurate traceability of sterilized medical devices, even under demanding conditions. Combined with user-friendly labeling systems, this solution enhances workflow efficiency while maintaining sterility control and process safety.





FTM Steriway



Raw Materials



Raw Materials

Validated standart quaranteed with high quality expertise

Market approved, high quality materials ensures optimum packaging process and provides with guaranteed product safety preserving the sterility by the time of use. Top web and bottom web solutions offered are convenient for flexible thermoforming machines for high vlomue packaging rerquirements.

Versatile

Top web and bottom web solutions are designed for flexible thermoforming machines, supporting high-volume packaging processes with consistent performance.

Safe

Market-approved, high-quality materials ensure product safety by preserving sterility throughout packaging, storage, and until the point of use.

Conforming with Standards

Validated materials are manufactured in compliance with applicable packaging and sterilization standards, guaranteeing reliable quality and process security.

Paper

Uncoated and coated medical grade paper provide solutions for different packaging requirements with good peelability and tear resistancy. Printed and unprinted versions with different thickness options are available and conforms with the requirement for 5 years shelf life.

Class

ISO 11607 Compliant

Sterilization

ETO, Steam, FA



Film

Composite film of several combinations (PET/PP, PET/PE, PA/PE, PP/PE) are available for different packaging requirements for peelable packs.Good quality ensures high tear and puncture resistancy.

Class

ISO 11607 Compliant

Sterilization

ETO, Steam, FA, H_2O_2



Tyvek®

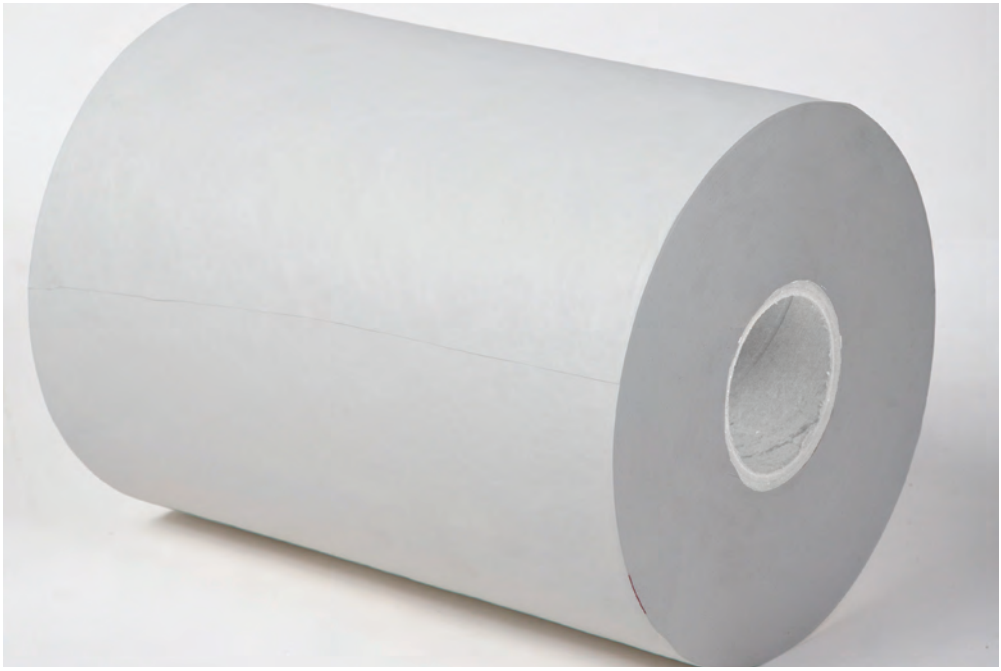
Tyvek® in reels is available for high microbarrier and durability requirements for flexible and rigid packs. Coated and uncoated versions provides flexible solutions for different applications.

Class

ISO 11607 Compliant

Sterilization

ETO, Gamma, H_2O_2



FTM Steriway

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FACTORY

+90 541 **335 94 88**

Oguzeli OSB Korkun Mah. Koray Aydin Cad. No:29/1 PK 27910
Oğuzeli, Gaziantep, TÜRKİYE

www.**ftmpack**.com.tr

info@**ftmpack**.com.tr

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HANEDAN

www.**hanedanmedical**.com.tr