



MEDSTER
Sterilization Technologies





MEDSTER

Sterilization Technologies



MEDSTER was established in 2012 in **Ankara, Türkiye**, in a modest 50 m² area. Thanks to dedicated and determined efforts, our company has grown steadily over the years, and today, our production facility spans 4,200 m². Not stopping there, **MEDSTER** expanded beyond national borders and established a 5,000 m² factory in the **Czech Republic**. With a total **production area of 9,200 m²**, we have achieved an annual **production capacity of 6 million m²**. This increased capacity has positioned **MEDSTER** as a leading force in **Türkiye's** medical sterilization sector.

We have become the first brand that comes to mind when it comes to sterilization packaging products, wrapping materials, sterilization control products, biological indicators, sealing machines, and sterilizer devices. Backed by our dominant presence in the Turkish market, we have also made a significant impact globally by exporting to 85 countries across all continents. We proudly showcase our international strength by participating in major exhibitions every year, including **Medica** – Düsseldorf / Germany, **Arab Health** – Dubai / U.A.E., **FIME Show** – Miami / U.S.A., **Expomed Eurasia** – Istanbul / TURKEY, **Japan Health** – Osaka / JAPAN, and **ExpoMed Hospitalar** – New Mexico / MEXICO.

In addition, our Quality Department, which closely oversees every detail of the production process, and our active **R&D** efforts continue in line with market demands and the needs of our customers. This allows us to not only meet current expectations but also to expand our product portfolio with new innovations.

MEDSTER is recognized as one of **Türkiye's** pioneers in the field of sustainability, with clearly defined and actively monitored sustainability targets. Our environmental efforts focus on waste reduction, recycling, carbon footprint monitoring, energy efficiency, and the use of renewable energy. Socially, we are committed to employee health and safety, equal opportunities, community engagement, and continuous employee development. From a governance perspective, we emphasize ethical sourcing, the fight against modern slavery, corporate transparency, accountability, anti-corruption, and data security. These priorities guide our long-term strategy toward building a more responsible and sustainable future.

MEDSTER crowned its strong growth momentum with the prestigious **“Türkiye's Top 100 Fast Growing Companies”** award granted by the Union of Chambers and Commodity Exchanges of Türkiye (TOBB) for the period of 2020–2021. Not stopping there, the company was also recognized





among the **“Top 100 Companies in the Sector”** by the Exporters’ Association between 2020–2022. In 2024, **MEDSTER** achieved an impressive **80% growth**, marking a significant milestone on a global scale. As a result of these remarkable achievements, our founder, **Aysu Öztürk Demir**, was honoured with the **“Best Woman Entrepreneur”** award, proudly holding the **TSE-K645 “Women Entrepreneur Standard”** certification—an extraordinary accomplishment that sets a high standard of excellence.

MEDSTER closely monitors all legal regulations and international requirements related to its products and integrates them into its system. Certified with **ISO 13485:2016 Quality Management System for Medical Devices**, we ensure quality throughout the entire product lifecycle. This system is one of the key foundations of our goal to continuously enhance customer satisfaction.

At **MEDSTER**, we are building a future rooted in sustainability, innovation, and equality. Through our government-supported Solar Energy System (GES) Project, we are working to meet all our factory’s electricity needs with clean solar power, contributing any excess energy back to the national grid. This step brings us closer to our long-term goal of zero carbon emissions.

We hold the **ISO 14001:2015 Environmental Management System** certification and actively reduce our environmental footprint. Wastepaper and film from production are collected and sent to cement factories to be used as fuel. Likewise, leftover packaging materials such as pallets and cardboard are repurposed as energy sources, helping preserve natural resources. Additionally, we aim to convert our entire company vehicle fleet to **electric cars**.

MEDSTER strictly complies with the **Modern Slavery Act 2015** and maintains a zero-tolerance approach to all forms of modern slavery and human trafficking. We take necessary measures across our operations and supply chains to ensure ethical labour practices and uphold human rights at every level of our business.

At the core of our company culture is a strong commitment to **gender equality** and **women’s empowerment**. Over 60% of our workforce is made up of women. We offer our female employees supportive policies, including special rights during menstrual periods, and we continue to promote a fair and respectful workplace for all. We provide full support to all our employees—especially our female team members—who wish to continue or resume their educational journey.

At **MEDSTER**, we believe that caring for the planet and supporting people go hand in hand. Our actions today are shaping a better, more responsible tomorrow.



MEDSTER

Sterilization Reel & Pouch Group



FLAT STERILIZATION REEL

- Designed as a packaging solution for sterilization applications, the Medster SafeCheck Sterilization Reel is a microbial barrier system that ensures the sterility of the packed medical device is safely maintained from the moment of sterilization until the time of use.
- It offers a suitable packaging solution for your medical device with a wide range of available sizes.
- It features superior barrier properties.
- The product is made of PET/PP copolymer film and 60 GSM or 70 GSM medical kraft paper.
- Steam, Ethylene Oxide (EO), and Formaldehyde (FO) indicator printing options are available.
- The process indicator does not contain lead, heavy metals, or other chemicals harmful to health.
- The product meets the performance requirements specified in ISO 11607, ISO 11140-1, and EN 868-5 standards.
- LOT number, Production Date, and Expiry Date are indicated on the product label.
- The shelf life of the product is 5 years.

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT SIZE	BOX QUANTITY	MOQ
SR05200	Flat Sterilization Reel	5 cm x 200 m	16 reels	1 box
SR75200	Flat Sterilization Reel	7,5 cm x 200 m	8 reels	1 box
SR10200	Flat Sterilization Reel	10 cm x 200 m	8 reels	1 box
SR12200	Flat Sterilization Reel	12 cm x 200 m	8 reels	1 box
SR15200	Flat Sterilization Reel	15 cm x 200 m	4 reels	1 box
SR20200	Flat Sterilization Reel	20 cm x 200 m	4 reels	1 box
SR25200	Flat Sterilization Reel	25 cm x 200 m	2 reels	1 box
SR30200	Flat Sterilization Reel	30 cm x 200 m	2 reels	1 box
SR35200	Flat Sterilization Reel	35 cm x 200 m	2 reels	1 box
SR38200	Flat Sterilization Reel	38 cm x 200 m	2 reels	1 box
SR40200	Flat Sterilization Reel	40 cm x 200 m	2 reels	1 box
SR42200	Flat Sterilization Reel	42 cm x 200 m	2 reels	1 box
SR45200	Flat Sterilization Reel	45 cm x 200 m	2 reels	1 box
SR50200	Flat Sterilization Reel	50 cm x 200 m	2 reels	1 box



GUSSETED STERILIZATION REEL

- Designed as a packaging solution for sterilization applications, the Medster SafeCheck Sterilization Reel is a microbial barrier system that ensures the sterility of the packed medical device is safely maintained from the moment of sterilization until the time of use.
- It offers a suitable packaging solution for your medical device with its wide range of sizes and gusseted structure.
- It features superior microbial barrier properties.
- The product is made of PET/PP copolymer film and 60 GSM or 70 GSM medical kraft paper.
- Steam, Ethylene Oxide (EO), and Formaldehyde (FO) indicator printing options are available.
- The process indicator does not contain lead, heavy metals, or other chemicals harmful to health.
- The product meets the performance requirements specified in ISO 11607, ISO 11140-1, and EN 868-5 standards.
- The LOT number, Production Date, and Expiry Date are indicated on the product label.
- The shelf life of the product is 5 years.

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT SIZE	BOX QUANTITY	MOQ
KR75100	Gusseted Sterilization Reel	7,5 cm x 100 m	8 reels	1 box
KR10100	Gusseted Sterilization Reel	10 cm x 100 m	8 reels	1 box
KR15100	Gusseted Sterilization Reel	15 cm x 100 m	4 reels	1 box
KR20100	Gusseted Sterilization Reel	20 cm x 100 m	4 reels	1 box
KR25100	Gusseted Sterilization Reel	25 cm x 100 m	2 reels	1 box
KR30100	Gusseted Sterilization Reel	30 cm x 100 m	2 reels	1 box
KR35100	Gusseted Sterilization Reel	35 cm x 100 m	2 reels	1 box
KR40100	Gusseted Sterilization Reel	40 cm x 100 m	2 reels	1 box



Tyvek® STERILIZATION REELS

• Designed as a packaging solution for sterilization applications, the Medster SafeCheck Tyvek® Sterilization Reel is a microbial barrier system that ensures the sterility of the packed medical device is safely maintained from the moment of sterilization until the time of use.

- The sterilization reel is used for low-temperature Hydrogen Peroxide (H₂O₂) sterilization methods.
- It is preferred for low-temperature sterilization due to its porous structure.
- The reel meets the high standards of quality, hygiene, and safety required in the medical industry.
- The sterilization reel is made of PET/PE transparent copolymer film and uncoated Tyvek® web.
- It features superior microbial barrier properties.
- It offers a suitable packaging solution for your medical device with its wide range of sizes.
- The process indicator does not contain lead, heavy metals, or other chemicals harmful to health.
- The product meets the performance requirements specified in ISO 11607, ISO 11140-1, and EN 868-9 standards.
- The LOT number, Production Date, and Expiry Date are indicated on the product label.
- The shelf life of the product is 5 years.
- Tyvek® is a registered trademark of DuPont™.

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT SIZE	BOX QUANTITY	MOQ
TY7570	Tyvek® Sterilization Reel	7,5 cm x 70 m	8 reels	1 box
TY1070	Tyvek® Sterilization Reel	10 cm x 70 m	8 reels	1 box
TY1570	Tyvek® Sterilization Reel	15 cm x 70 m	4 reels	1 box
TY2070	Tyvek® Sterilization Reel	20 cm x 70 m	4 reels	1 box
TY2570	Tyvek® Sterilization Reel	25 cm x 70 m	2 reels	1 box
TY3070	Tyvek® Sterilization Reel	30 cm x 70 m	2 reels	1 box
TY3570	Tyvek® Sterilization Reel	35 cm x 70 m	2 reels	1 box
TY4070	Tyvek® Sterilization Reel	40 cm x 70 m	2 reels	1 box
TY5070	Tyvek® Sterilization Reel	50 cm x 70 m	2 reels	1 box



FLAT STERILIZATION POUCH

- Designed as a packaging solution for sterilization applications, the Medster SafeCheck Sterilization Pouch is a microbial barrier system that ensures the sterility of the packed medical device is safely maintained from the moment of sterilization until the time of use.
- It offers a suitable packaging solution for your medical device with a wide range of available sizes.
- It is tear-resistant, aseptic, and easily peelable without leaving any particles.
- It features superior barrier properties.
- The pouch is made of PET/PP copolymer film and 60 GSM or 70 GSM medical kraft paper.
- Steam, Ethylene Oxide (EO), and Formaldehyde (FO) indicator printing options are available.
- The process indicator does not contain lead, heavy metals, or other chemicals harmful to health.
- The pouch meets the performance requirements specified in ISO 11607, ISO 11140-1, and EN 868-5 standards.
- The LOT number, Production Date, and Expiry Date are indicated on the product label.
- The shelf life of the pouch is 5 years.

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT SIZE	BOX QUANTITY	MOQ
SRZ0510	Flat Sterilization Pouch	5 cm x 10 cm	1.000 pcs	10 boxes
SRZ7515	Flat Sterilization Pouch	7,5 cm x 15 cm	1.000 pcs	10 boxes
SRZ1025	Flat Sterilization Pouch	10 cm x 25 cm	1.000 pcs	10 boxes
SRZ1030	Flat Sterilization Pouch	10 cm x 30 cm	1.000 pcs	10 boxes
SRZ1515	Flat Sterilization Pouch	15 cm x 15 cm	1.000 pcs	10 boxes
SRZ2035	Flat Sterilization Pouch	20 cm x 35 cm	1.000 pcs	10 boxes
SRZ2535	Flat Sterilization Pouch	25 cm x 35 cm	1.000 pcs	10 boxes
SRZ2540	Flat Sterilization Pouch	25 cm x 40 cm	500 pcs	10 boxes
SRZ3040	Flat Sterilization Pouch	30 cm x 40 cm	500 pcs	10 boxes
SRZ3550	Flat Sterilization Pouch	35 cm x 50 cm	500 pcs	10 boxes
SRZ3250	Flat Sterilization Pouch	32 cm x 50 cm	500 pcs	10 boxes
SRZ3555	Flat Sterilization Pouch	35 cm x 55 cm	500 pcs	10 boxes
SRZ3560	Flat Sterilization Pouch	35 cm x 60 cm	500 pcs	10 boxes
SRZ4050	Flat Sterilization Pouch	40 cm x 50 cm	500 pcs	10 boxes
SRZ4560	Flat Sterilization Pouch	45 cm x 60 cm	500 pcs	10 boxes



GUSSETED STERILIZATION POUCH

- Designed as a packaging solution for sterilization applications, the Medster SafeCheck Gusseted Sterilization Pouch is a microbial barrier system that ensures the sterility of the packed medical device is safely maintained from the moment of sterilization until the time of use.
- It offers a suitable packaging solution for your medical device with its wide range of sizes and gusseted structure.
- It features superior microbial barrier properties.
- The pouch is made of PET/PP copolymer film and 60 GSM or 70 GSM medical kraft paper.
- Steam, Ethylene Oxide (EO), and Formaldehyde (FO) indicator printing options are available.
- The process indicator does not contain lead, heavy metals, or other chemicals harmful to health.
- The pouch meets the performance requirements specified in ISO 11607, ISO 11140-1, and EN 868-5 standards.
- The product label includes the LOT number, Production Date, and Expiry Date.
- The shelf life of the pouch is 5 years.

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT SIZE	BOX QUANTITY	MOQ
KRZ0510	Gusseted Sterilization Pouch	5 cm x 10 cm	1.000 pcs	10 boxes
KRZ7515	Gusseted Sterilization Pouch	7,5 cm x 15 cm	1.000 pcs	10 boxes
KRZ1025	Gusseted Sterilization Pouch	10 cm x 25 cm	1.000 pcs	10 boxes
KRZ1030	Gusseted Sterilization Pouch	10 cm x 30 cm	1.000 pcs	10 boxes
KRZ1515	Gusseted Sterilization Pouch	15 cm x 15 cm	1.000 pcs	10 boxes
KRZ2035	Gusseted Sterilization Pouch	20 cm x 35 cm	1.000 pcs	10 boxes
KRZ2535	Gusseted Sterilization Pouch	25 cm x 35 cm	500 pcs	10 boxes
KRZ2540	Gusseted Sterilization Pouch	25 cm x 40 cm	500 pcs	10 boxes
KRZ3040	Gusseted Sterilization Pouch	30 cm x 40 cm	500 pcs	10 boxes
KRZ3550	Gusseted Sterilization Pouch	35 cm x 50 cm	500 pcs	10 boxes
KRZ3250	Gusseted Sterilization Pouch	32 cm x 50 cm	500 pcs	10 boxes
KRZ3555	Gusseted Sterilization Pouch	35 cm x 55 cm	500 pcs	10 boxes
KRZ3560	Gusseted Sterilization Pouch	35 cm x 60 cm	500 pcs	10 boxes
KRZ4050	Gusseted Sterilization Pouch	40 cm x 50 cm	500 pcs	10 boxes
KRZ4560	Gusseted Sterilization Pouch	45 cm x 60 cm	500 pcs	10 boxes



SELF-SEAL STERILIZATION POUCH

- Designed as a packaging solution for sterilization applications, the Medster SafeCheck Self-Seal Sterilization Pouch is a microbial barrier system that ensures the sterility of the packed medical device is safely maintained from the moment of sterilization until the time of use.
- It offers a suitable packaging solution for your medical device with a wide range of available sizes.
- It is tear-resistant, aseptic, and easily peelable without leaving any particles.
- It features superior barrier properties.
- The pouch is made of PET/PP copolymer film and 60 GSM or 70 GSM medical kraft paper.
- Steam, Ethylene Oxide (EO), and Formaldehyde (FO) indicator printing options are available.
- The process indicator does not contain lead, heavy metals, or other harmful chemicals.
- The pouch meets the performance requirements specified in ISO 11607, ISO 11140-1, and EN 868-5 standards.
- The product label includes the LOT number, Production Date, and Expiry Date.
- The shelf life of the pouch is 5 years.
- It is self-sealing for easy closure and does not require a sealing device.

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT SIZE	BOX QUANTITY	MOQ
SSP0510	Self-Seal Sterilization Pouch 200pcs/pack	5 cm x 10 cm	1.000 pcs	10 boxes
SSP7515	Self-Seal Sterilization Pouch 200pcs/pack	7,5 cm x 15 cm	1.000 pcs	10 boxes
SSP1025	Self-Seal Sterilization Pouch 200pcs/pack	10 cm x 25 cm	1.000 pcs	10 boxes
SSP1030	Self-Seal Sterilization Pouch 200pcs/pack	10 cm x 30 cm	1.000 pcs	10 boxes
SSP1515	Self-Seal Sterilization Pouch 200pcs/pack	15 cm x 15 cm	1.000 pcs	10 boxes
SSP2035	Self-Seal Sterilization Pouch 200pcs/pack	20 cm x 35 cm	1.000 pcs	10 boxes
SSP2535	Self-Seal Sterilization Pouch 200pcs/pack	25 cm x 35 cm	400 pcs	10 boxes
SSP2540	Self-Seal Sterilization Pouch 200pcs/pack	25 cm x 40 cm	400 pcs	10 boxes
SSP3040	Self-Seal Sterilization Pouch 200pcs/pack	30 cm x 40 cm	400 pcs	10 boxes
SSP3550	Self-Seal Sterilization Pouch 200pcs/pack	35 cm x 50 cm	400 pcs	10 boxes
SSP3250	Self-Seal Sterilization Pouch 200pcs/pack	32 cm x 50 cm	400 pcs	10 boxes
SSP3555	Self-Seal Sterilization Pouch 200pcs/pack	35 cm x 55 cm	400 pcs	10 boxes
SSP3560	Self-Seal Sterilization Pouch 200pcs/pack	35 cm x 60 cm	400 pcs	10 boxes
SSP4050	Self-Seal Sterilization Pouch 200pcs/pack	40 cm x 50 cm	400 pcs	10 boxes
SSP4560	Self-Seal Sterilization Pouch 200pcs/pack	45 cm x 60 cm	400 pcs	10 boxes



Tyvek® STERILIZATION POUCH

- Designed as a packaging solution for sterilization applications, the Medster SafeCheck Tyvek® Sterilization Pouch is a microbial barrier system that ensures the sterility of the packed medical device is safely maintained from the time of sterilization until use.
- It is used for low-temperature hydrogen peroxide (H₂O₂) sterilization.
- It is preferred in low-temperature sterilization due to its porous structure.
- The pouch is made of PET/PE laminated film and uncoated DuPont™ Tyvek® web.
- It has superior microbial barrier properties.
- With its wide range of sizes, it facilitates the selection of appropriate packaging for medical supplies.
- The hydrogen peroxide process indicator is printed with a water-based and non-toxic formulation.
- It features excellent edge welding resistance and a triple-seal structure.
- The product label includes the LOT number, Production Date, and Expiry Date.
- The shelf life of the pouch is 5 years.

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT SIZE	BOX QUANTITY	MOQ
TYZ0510	Tyvek® Sterilization Pouch	5 cm x 10 cm	1.000 pcs	10 boxes
TYZ7515	Tyvek® Sterilization Pouch	7,5 cm x 15 cm	1.000 pcs	10 boxes
TYZ1025	Tyvek® Sterilization Pouch	10 cm x 25 cm	1.000 pcs	10 boxes
TYZ1030	Tyvek® Sterilization Pouch	10 cm x 30 cm	1.000 pcs	10 boxes
TYZ1515	Tyvek® Sterilization Pouch	15 cm x 15 cm	1.000 pcs	10 boxes
TYZ2035	Tyvek® Sterilization Pouch	20 cm x 35 cm	1.000 pcs	10 boxes
TYZ2535	Tyvek® Sterilization Pouch	25 cm x 35 cm	400 pcs	10 boxes
TYZ2540	Tyvek® Sterilization Pouch	25 cm x 40 cm	400 pcs	13 boxes
TYZ3040	Tyvek® Sterilization Pouch	30 cm x 40 cm	400 pcs	13 boxes
TYZ3550	Tyvek® Sterilization Pouch	35 cm x 50 cm	400 pcs	13 boxes
TYZ3250	Tyvek® Sterilization Pouch	32 cm x 50 cm	400 pcs	13 boxes
TYZ3555	Tyvek® Sterilization Pouch	35 cm x 55 cm	400 pcs	13 boxes
TYZ3560	Tyvek® Sterilization Pouch	35 cm x 60 cm	400 pcs	13 boxes
TYZ4050	Tyvek® Sterilization Pouch	40 cm x 50 cm	400 pcs	13 boxes
TYZ4560	Tyvek® Sterilization Pouch	45 cm x 60 cm	400 pcs	13 boxes



Tyvek® SELF-SEAL STERILIZATION POUCH

- Designed as a packaging solution for sterilization applications, the Medster SafeCheck Tyvek® Self-Seal Sterilization Pouch is a microbial barrier system that ensures the sterility of the packed medical device is safely maintained from sterilization until use.
- It is used for low-temperature hydrogen peroxide (H₂O₂) sterilization.
- It is preferred in low-temperature sterilization due to its porous structure.
- The pouch is made of PET/PE laminated film and uncoated DuPont™ Tyvek® web.
- It provides superior microbial barrier properties.
- With its wide range of sizes, it helps select the appropriate packaging for your medical supplies.
- The hydrogen peroxide process indicator is printed with a water-based and non-toxic formulation.
- It offers excellent edge welding resistance and a triple-seal feature.
- The product label includes the LOT number, Production Date, and Expiry Date.
- The shelf life of the pouch is 5 years.
- It is self-sealing for easy closure and does not require a sealing device.

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT SIZE	BOX QUANTITY	MOQ
SSTP0510	Tyvek® Self-Seal Sterilization Pouch, 200 pcs / pack	50 mmx100 mm	1.000 pcs	10 boxes
SSTP7515	Tyvek® Self-Seal Sterilization Pouch, 200 pcs / pack	75mmx150 mm	1.000 pcs	10 boxes
SSTP1015	Tyvek® Self-Seal Sterilization Pouch, 200 pcs / pack	100 mmx150 mm	1.000 pcs	10 boxes
SSTP1030	Tyvek® Self-Seal Sterilization Pouch, 200 pcs / pack	100 mmx300 mm	1.000 pcs	10 boxes
SSTP1530	Tyvek® Self-Seal Sterilization Pouch, 200 pcs / pack	150 mmx300 mm	1.000 pcs	10 boxes
SSTP2035	Tyvek® Self-Seal Sterilization Pouch, 200 pcs / pack	200 mmx350 mm	1.000 pcs	10 boxes
SSTP3040	Tyvek® Self-Seal Sterilization Pouch, 200 pcs / pack	300 mmx400 mm	400 pcs	13 boxes
SSTP3540	Tyvek® Self-Seal Sterilization Pouch, 200 pcs / pack	350 mmx400 mm	400 pcs	13 boxes
SSTP3555	Tyvek® Self-Seal Sterilization Pouch, 200 pcs / pack	350 mmx550 mm	400 pcs	13 boxes
SSTP4050	Tyvek® Self-Seal Sterilization Pouch, 200 pcs / pack	400 mmx500 mm	400 pcs	13 boxes

MEDICAL LAMINATED FILM



PET / PP FILM

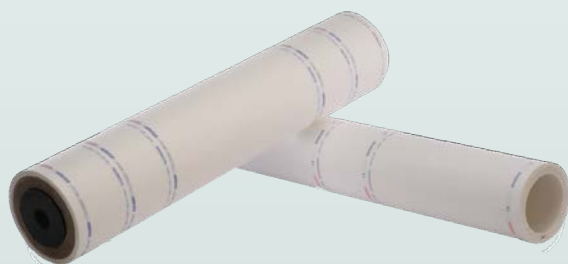
- It is suitable for Steam, Ethylene Oxide (EO), and Formaldehyde (FO) sterilization methods.
- It has excellent tensile and rupture strength.
- It provides a clean and aseptic peeling feature when used with sterilization reels made of medical paper.
- It is available in blue, green, and white colors.

PET / PE FILM

- It is suitable for Hydrogen Peroxide (H₂O₂) and Ethylene Oxide (EO) sterilization methods.
- It has excellent tensile and rupture strength.
- It provides a clean and aseptic peeling feature when used with sterilization reels made of medical paper.
- It is available in blue, green, and white colors.

PRODUCT CODE	PRODUCT DESCRIPTION
PEF001	PET / PE Medical Laminated Film- Transparent
PPF001	PET / PP Medical Laminated Film- Green
PPF002	PET / PP Medical Laminated Film- Blue

MEDICAL KRAFT PAPER

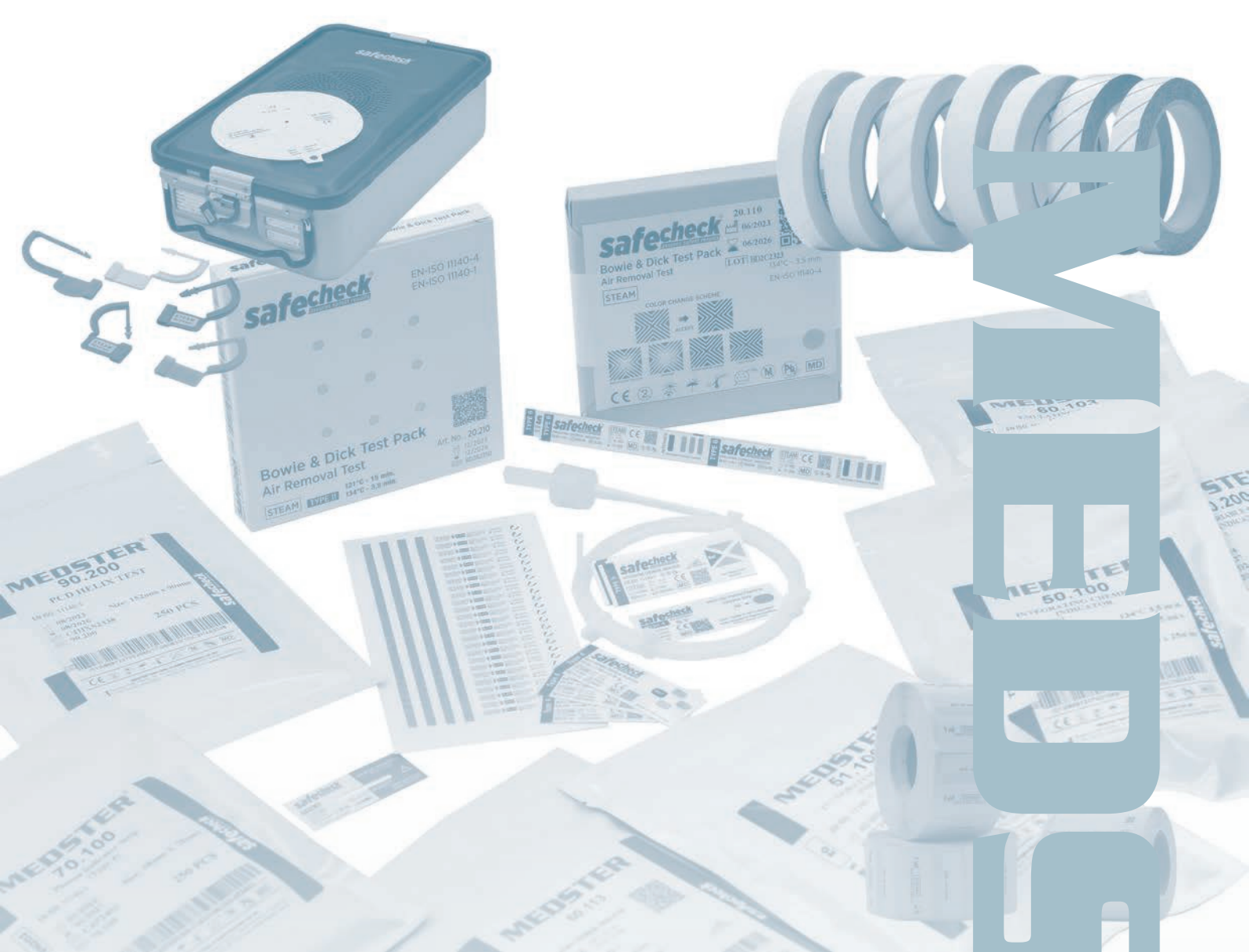


PRODUCT CODE	PRODUCT DESCRIPTION
TYK001	Dupont™, Tyvek® Medical Web
60KK001	60 GSM Medical Kraft Paper
70KK001	70 GSM Medical Kraft Paper

- It is suitable for Steam, Ethylene Oxide (EO), and Formaldehyde (FO) sterilization methods.
- When welded with PET/PP laminated film, it ensures aseptic and particle-free peeling.
- It has high microbial barrier properties.
- It is available in printed or unprinted formats.
- Steam, Ethylene Oxide (EO), and Formaldehyde (FO) indicators can be printed.
- Available in 60 GSM or 70 GSM options.
- Manufactured in accordance with EN 868-3 and EN 868-6 standards.
- It can be supplied in custom coil widths and diameters.

DUPONT™, Tyvek® WEB

- It is manufactured for low-temperature sterilization methods using Hydrogen Peroxide (H₂O₂) and Ethylene Oxide (EO).
- When welded with PET/PE laminated film, it provides aseptic and particle-free peeling.
- It features high microbial barrier properties.
- Available as printed or unprinted.
- Hydrogen Peroxide (H₂O₂) indicator printing is available.
- Paper is supplied in 2FS (59,5 GSM), 1059B (64,5 GSM) and 1073B (74,6 GSM).
- Compliant with EN 868-9 standard.
- It can be supplied in custom coil widths and diameters.



Chemical Indicator Group

MEDSTER



Sterilization Process Tape

- The product meets the performance requirements specified in ISO 11140-1 standard.
- It is used to securely fix SMS and crepe wrapping materials.
- The indicator ink shows a clear color change, providing visual confirmation of sterilization exposure.
- It is available in different types, each designed for use in Steam, Ethylene Oxide (EO), and Low-temperature Hydrogen Peroxide (H₂O₂) sterilization processes.
- The tape allows clean and easy removal from the applied surface.
- Available in 12 mm, 19 mm, and 25 mm widths, each with a 50-meter length.
- The label includes LOT number, Production Date, and Expiry Date information.

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT SIZE	BOX QUANTITY	MOQ
10.020	Autoclave Tape (w/o Indicator), Steam	12 mm x 50 m	128 rolls	1 box
10.000	Autoclave Tape (w/o Indicator), Steam	19 mm x 50 m	84 rolls	1 box
10.010	Autoclave Tape (w/o Indicator), Steam	25 mm x 50 m	60 rolls	1 box
10.120	Autoclave Tape, Steam	12 mm x 50 m	128 rolls	1 box
10.100	Autoclave Tape, Steam	19 mm x 50 m	84 rolls	1 box
10.110	Autoclave Tape, Steam	25 mm x 50 m	60 rolls	1 box
10.220	EO Tape	12 mm x 50 m	128 rolls	1 box
10.200	EO Tape	19 mm x 50 m	84 rolls	1 box
10.210	EO Tape	25 mm x 50 m	60 rolls	1 box
10.320	Plasma Tape, Hydrogen Peroxide (H ₂ O ₂)	12 mm x 50 m	128 rolls	1 box
10.300	Plasma Tape, Hydrogen Peroxide (H ₂ O ₂)	19 mm x 50 m	84 rolls	1 box
10.310	Plasma Tape, Hydrogen Peroxide (H ₂ O ₂)	25 mm x 50 m	60 rolls	1 box



BOWIE & DICK TEST PACK

- The Medster SafeCheck Bowie & Dick Test Pack is designed to detect air leaks, insufficient steam penetration, and vacuum-pump failure in pre-vacuum steam sterilizers.
- The pack consists of a series of vapor-penetration (air-release) barriers with a chemical-indicator sheet in the center.
- It challenges autoclave performance at 121 °C / 15 min or 134 °C / 3.5 min.
- Conforms to ISO 11140-4 Class 2/B.
- Supplied in 200-sheet (~4 kg load) or 400-sheet (~7 kg load) versions, crepe-wrapped or box-type; a single A4 test sheet is also available.
- Provides reliable performance and a clear, definitive colour change.
- Indicator ink is free from lead, heavy metals, and other harmful chemicals.
- Label shows LOT No., Production Date, Expiry Date; shelf life: 3 years.

PRODUCT CODE	PRODUCT DESCRIPTION	BOX QUANTITY	MOQ
20.110	Bowie & Dick Test Pack (Wrap Type), 200 sheet	90 packs	1 box
20.120	Bowie & Dick Test Pack (Wrap Type), 400 sheet	48 packs	1 box
20.210	Bowie & Dick Test Pack (Box Type), 200 sheet	90 packs	1 box
20.220	Bowie & Dick Test Pack (Box Type) 400 sheet	48 packs	1 box
20.310	Bowie & Dick Test Sheet A4 Size	200 sheets	1 box



Indicator Label & Label Gun

- The SafeCheck Indicator Label meets ISO 11140-1.
- Applied externally to distinguish processed from unprocessed packages.
- Available for Steam, Ethylene Oxide (EO), and H₂O₂ cycles.
- Bright colour change clearly confirms exposure.
- Three writable lines record sterilization data, expiry date, operator code, and cycle number.
- Double-layered, self-adhesive, and compatible with Medster Label Guns.
- Label displays LOT No., Production Date, Expiry Date.

PRODUCT CODE	PRODUCT DESCRIPTION	BOX QUANTITY	MOQ
30.100	3 Lines Indicator Label, Steam 500 pcs/roll	500 labels	20 rolls
30.200	3 Lines Indicator Label, EO 500 pcs/roll	500 labels	20 rolls
30.300	3 Lines Indicator Label, Hydrogen Peroxide (H ₂ O ₂) 500 pcs/roll	500 labels	20 rolls
30.500	Label Gun (3 lines)	1 unit	1 unit



TYPE 4 CHEMICAL INDICATORS / STEAM, H2O2, FO

- The Medster SafeCheck Type 4 Chemical Indicator Strip is a multi-variable indicator sensitive to time and temperature.
- Manufactured to match the specified cycle parameters of the chosen sterilization method.
- Suitable for every pouch and load; complies with ISO 11140-1.
- Lead- and heavy-metal-free ink.
- Available in standard, dual, and adhesive models.
- Produces a clear, definitive colour change after successful sterilization.
- Label includes LOT No., Production Date, Expiry Date; shelf life: 3 years.

PRODUCT CODE	PRODUCT DESCRIPTION	BOX QUANTITY	MOQ
40.100	Steam Indicator Strip (Type 4), 250 pcs	80 packs	1 box
40.110	Steam Indicator Strip (Type 4), Adhesive, 250 pcs	80 packs	6 boxes
40.200	Steam Indicator Strip (Type 4), Dual, 250 x 2 pcs	80 packs	1 box
40.210	Steam Indicator Strip (Type 4), Adhesive, Dual, 250 x 2 pcs	80 packs	6 boxes
40.300	Formaldehyde Indicator Strip (Type 4), 250 pcs	80 packs	6 boxes
70.100	Plasma Indicator Strip (Type 4), 250 pcs	80 packs	1 box



TYPE 5 CHEMICAL INDICATOR & INTEGRATOR / STEAM & EO

- The Medster SafeCheck Type 5 Chemical Indicator integrates all critical cycle parameters (temperature, time, steam quality) and correlates closely with a biological indicator.
- Designed for accurate results in Steam and EO sterilization; the Type 5 Steam Integrator visually tracks cycle completion.
- Suitable for every pouch and load; manufactured to ISO 11140-1.
- Ink is free of lead, heavy metals, and other toxins.
- Supplied in single, dual-strip, and adhesive formats.
- Clear, definitive colour change signals a successful cycle.
- Label shows LOT No., Production Date, Expiry Date; shelf life: 3 years.

PRODUCT CODE	PRODUCT DESCRIPTION	BOX QUANTITY	MOQ
50.100	Steam Indicator Strip (Type 5), 250 pcs	80 packs	1 box
50.110	Steam Indicator Strip (Type 5), Adhesive, 250 pcs	80 packs	1 box
50.200	Steam Indicator Strip (Type 5), Dual, 250 x 2 pcs	80 packs	6 boxes
50.210	Steam Indicator Strip (Type 5), Adhesive, Dual, 250 x 2 pcs	80 packs	6 boxes
50.500	Steam Integrator Indicator (Type 5), 100 pcs	80 packs	1 box
51.100	EO Indicator Strip (Type 5), 250 pcs	80 packs	1 box
51.110	EO Indicator Strip (Type 5), Adhesive, 250 pcs	80 packs	1 box
51.200	EO Indicator Strip (Type 5), Dual, 250 x 2 pcs	80 packs	6 boxes
51.210	EO Indicator Strip (Type 5), Adhesive, Dual, 250 x 2 pcs	80 packs	6 boxes



TYPE 6 EMULATING CHEMICAL INDICATOR / STEAM

- The SafeCheck Type 6 Steam Emulating Indicator Strip responds to temperature, time, and steam quality.
- Validated for 134 °C / 3,5 min, 134 °C / 5 min, 134 °C / 7 min, or 121 °C / 15 min cycles.
- Ideal for routine loads without implants; suitable for every pouch and load.
- Conforms to ISO 11140-1; lead-free, heavy-metal-free ink.
- Offered in single, dual, and adhesive models with a clear end-point colour change.
- Label includes LOT No., Production Date, Expiry Date; shelf life: 3 years.

PRODUCT CODE	PRODUCT DESCRIPTION	BOX QUANTITY	MOQ
60.103	Steam Emulator Indicator Strip (Type 6) 3,5 min., 250 pcs	80 packs	1 box
60.105	Steam Emulator Indicator Strip (Type 6) 5 min., 250 pcs	80 packs	6 boxes
60.107	Steam Emulator Indicator Strip (Type 6) 7 min., 250 pcs	80 packs	1 box
60.113	Steam Emulator Indicator Strip (Type 6), 3,5 min., Adhesive, 250 pcs	80 packs	6 boxes
60.115	Steam Emulator Indicator Strip (Type 6), 5 min., Adhesive, 250 pcs	80 packs	6 boxes
60.117	Steam Emulator Indicator Strip (Type 6), 7 min., Adhesive, 250 pcs	80 packs	6 boxes
60.203	Steam Emulator Indicator Strip (Type 6), 3,5 min., Dual, 250 x 2 pcs	80 packs	6 boxes
60.205	Steam Emulator Indicator Strip (Type 6), 5 min., Dual, 250 x 2 pcs	80 packs	6 boxes
60.207	Steam Emulator Indicator Strip (Type 6), 7 min., Dual, 250 x 2 pcs	80 packs	6 boxes
60.213	Steam Emulator Indicator Strip (Type 6), 3,5 min., Adhesive, Dual, 250 x 2 pcs	80 packs	6 boxes
60.215	Steam Emulator Indicator Strip (Type 6), 5 min., Adhesive, Dual, 250 x 2 pcs	80 packs	6 boxes
60.217	Steam Emulator Indicator Strip (Type 6) 7 min., Adhesive, Dual, 250 x 2 pcs	80 packs	6 boxes



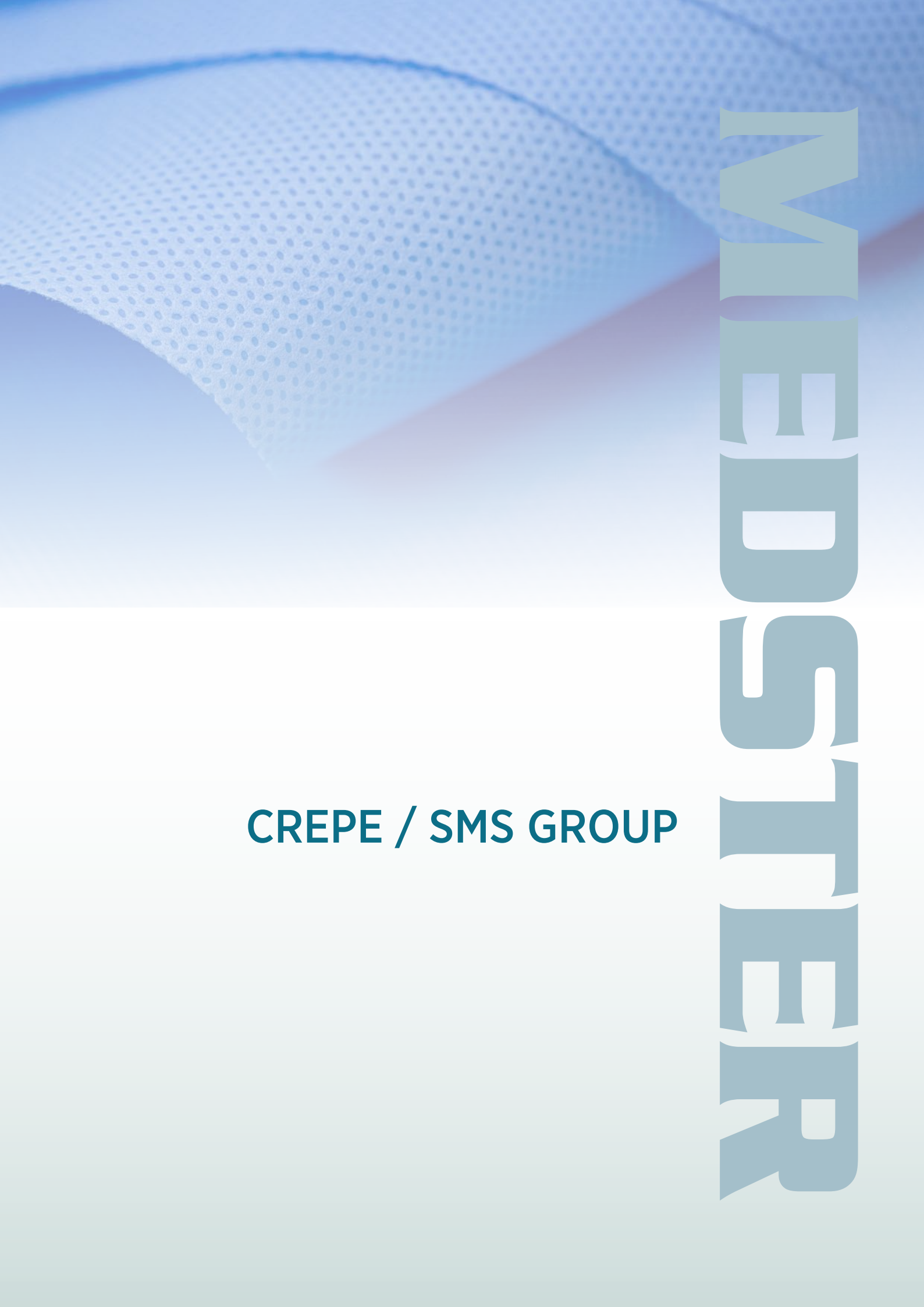
PCD HELIX TEST STRIP

- The Medster SafeCheck PCD Helix Test Strip verifies steam penetration in lumen devices within pre-vacuum and tabletop Class B sterilizers.
- Designed for 134 °C / 3.5 min or 121 °C / 15 min cycles; meets ISO 11140-1 and ISO 11140-4 Class 2/B.
- Self-adhesive strip shows a sharp colour change on successful processing.
- Lead- and heavy-metal-free ink; intended for use with the dedicated PCD Helix Test Tool.
- Label lists LOT No., Production Date, Expiry Date; shelf life: 3 years.

PRODUCT CODE	PRODUCT DESCRIPTION	BOX QUANTITY	MOQ
90.200	PCD Helix Test Indicator	80 packs	1 box
90.201	PCD Helix Test Tool	1 unit	1 unit

PCD HELIX TEST TOOL

- The PCD Helix Test Tool tracks sterilization of lumen devices when paired with the PCD Helix Test Strip.
- Constructed from PTFE and heat-resistant materials; features a 150 cm long, 1 mm-ID hose and an indicator chamber.
- Engineered for controlled steam permeability, directing steam to the indicator.
- Ergonomic and simple to use.



MEDOSTER

CREPE / SMS GROUP

SOFT CREPE PAPER

- Made of 100% cellulosic, high-quality medical-grade paper.
- Provides a proven microbial barrier.
- Suitable for Steam, Ethylene Oxide (EO), Formaldehyde (FO), and Gamma sterilization.
- Appropriate for both inner and outer packaging.
- Offers a reliable solution to prevent cross-contamination.
- Available in a wide range of sizes and color options.
- Complies with ISO 11607 and EN 868-2 standards.

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT SIZE	BOX QUANTITY	MOQ
CRG2525	Standard Crepe Paper, Green, 60 GSM	25cm x 25cm	4.000 sheets	1 box
CRG3030	Standard Crepe Paper, Green, 60 GSM	30 cm x 30 cm	4.000 sheets	1 box
CRG4040	Standard Crepe Paper, Green, 60 GSM	40 cm x 40 cm	1.000 sheets	1 box
CRG4545	Standard Crepe Paper, Green, 60 GSM	45 cm x 45 cm	1.000 sheets	1 box
CRG5050	Standard Crepe Paper, Green, 60 GSM	50 cm x 50 cm	1.000 sheets	1 box
CRG6060	Standard Crepe Paper, Green, 60 GSM	60 cm x 60 cm	750 sheets	1 box
CRG7575	Standard Crepe Paper, Green, 60 GSM	75 cm x 75cm	400 sheets	1 box
CRG9090	Standard Crepe Paper, Green, 60 GSM	90 cm x 90cm	250 sheets	1 box
CRG100100	Standard Crepe Paper, Green, 60 GSM	100 cm x 100cm	250 sheets	1 box
CRG120120	Standard Crepe Paper, Green, 60 GSM	120 cm x 120 cm	200 sheets	1 box
CRB2525	Standard Crepe Paper, Blue, 60 GSM	25 cm x 25 cm	4.000 sheets	1 box
CRB3030	Standard Crepe Paper, Blue, 60 GSM	30 cm x 30 cm	4.000 sheets	1 box
CRB4040	Standard Crepe Paper, Blue, 60 GSM	40 cm x 40 cm	1.000 sheets	1 box
CRB4545	Standard Crepe Paper, Blue, 60 GSM	45 cm x 45 cm	1.000 sheets	1 box
CRB5050	Standard Crepe Paper, Blue, 60 GSM	50 cm x 50 cm	1.000 sheets	1 box
CRB6060	Standard Crepe Paper, Blue, 60 GSM	60 cm x 60 cm	750 sheets	1 box
CRB7575	Standard Crepe Paper, Blue, 60 GSM	75 cm x 75 cm	400 sheets	1 box
CRB9090	Standard Crepe Paper, Blue, 60 GSM	90 cm x 90 cm	250 sheets	1 box
CRB100100	Standard Crepe Paper, Blue, 60 GSM	100 cm x 100 cm	250 sheets	1 box
CRB120120	Standard Crepe Paper, Blue, 60 GSM	120 cm x 120 cm	200 sheets	1 box

SMS WRAPPING SHEET:

- Made of waterproof, flexible, non-woven polypropylene fiber.
- Offers a reliable solution to prevent cross-contamination.
- Anti-static and latex-free.
- Provides a microbial barrier with its porous structure.
- Suitable for Steam, Hydrogen Peroxide (H₂O₂), Ethylene Oxide (EO), Formaldehyde (FO), and Gamma sterilization.
- Suitable for both inner and outer packaging.
- Available in a wide range of dimensions, with 40–45 g/m² and 60 g/m² weight options.
- Strong, balanced, and highly tear resistant.
- Manufactured in accordance with ISO 11607 and EN 868-2 standards.
- Product label includes LOT, Production Date, and Expiry Date.
- Shelf life: 5 years.

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT SIZE	BOX QUANTITY	MOQ
40SMS3030	SMS Wrapping Sheet, 40 GSM	30 cm x 30 cm	1.000 sheets	1 box
40SMS4040	SMS Wrapping Sheet, 40 GSM	40 cm x 40 cm	1.000 sheets	1 box
40SMS5050	SMS Wrapping Sheet, 40 GSM	50 cm x 50 cm	600 sheets	1 box
40SMS6060	SMS Wrapping Sheet, 40 GSM	60 cm x 60 cm	500 Sheets	1 box
40SMS7575	SMS Wrapping Sheet, 40 GSM	75 cm x 75 cm	200 sheets	1 box
40SMS9090	SMS Wrapping Sheet, 40 GSM	90 cm x 90 cm	150 sheets	1 box
40SMS100100	SMS Wrapping Sheet, 40 GSM	100 cm x 100 cm	200 sheets	1 box
40SMS120120	SMS Wrapping Sheet, 40 GSM	120 cm x 120 cm	100 sheets	1 box
45SMS3030	SMS Wrapping Sheet, 45 GSM	30 cm x 30 cm	1.000 sheets	1 box
45SMS4040	SMS Wrapping Sheet, 45 GSM	40 cm x 40 cm	1.000 sheets	1 box
45SMS5050	SMS Wrapping Sheet, 45 GSM	50 cm x 50 cm	600 sheets	1 box
45SMS6060	SMS Wrapping Sheet, 45 GSM	60 cm x 60 cm	500 Sheets	1 box
45SMS7575	SMS Wrapping Sheet, 45 GSM	75 cm x 75 cm	200 sheets	1 box
45SMS9090	SMS Wrapping Sheet, 45 GSM	90 cm x 90 cm	150 sheets	1 box
45SMS100100	SMS Wrapping Sheet, 45 GSM	100 cm x 100 cm	150 sheets	1 box
45SMS120120	SMS Wrapping Sheet, 45 GSM	120 cm x 120 cm	100 sheets	1 box
60SMS3030	SMS Wrapping Sheet, 60 GSM	30 cm x 30 cm	1.000 sheets	1 box
60SMS4040	SMS Wrapping Sheet, 60 GSM	40 cm x 40 cm	1.000 sheets	1 box
60SMS5050	SMS Wrapping Sheet, 60 GSM	50 cm x 50 cm	600 sheets	1 box
60SMS6060	SMS Wrapping Sheet, 60 GSM	60 cm x 60 cm	400 Sheets	1 box
60SMS7575	SMS Wrapping Sheet, 60 GSM	75 cm x 75 cm	150 sheets	1 box
60SMS9090	SMS Wrapping Sheet, 60 GSM	90 cm x 90 cm	150 sheets	1 box
60SMS100100	SMS Wrapping Sheet, 60 GSM	100 cm x 100 cm	150 sheets	1 box
60SMS120120	SMS Wrapping Sheet, 60 GSM	120 cm x 120 cm	100 sheets	1 box

WEDDSTER





Performance Test Group



WASHING DISINFECTOR & ULTRASONIC CLEANING INDICATOR

- Designed to verify the efficiency of washer-disinfectors and ensure process traceability.
- Available in PVC and aluminum versions.
- Provides clear visual feedback to the user.
- Ergonomic and easy to use.
- Must be used with a compatible cleaning indicator holder.
- Complies with ISO 15883-1 and 15883-5 standards.
- Product label includes LOT number, Production Date, and Expiry Date.
- Shelf life: 3 years.

PRODUCT CODE	PRODUCT DESCRIPTION	BOX QUANTITY	MOQ
90.100	Washer Disinfector Cleaning Indicator, PVC	80 packs	1 box
90.110	Washer Disinfector Cleaning Indicator, Metal	80 packs	1 box
90.150	Ultrasonic Cleaning Indicator	80 packs	1 box
90.111	Holder	1 unit	1 unit





ULTRASONIC BATH CLEANING PERFORMANCE TEST

- Designed to monitor the performance and effectiveness of ultrasonic cleaning baths.
- Provides clear visual feedback.
- Ergonomic and user-friendly design.
- Product label includes LOT number, Production Date, and Expiry Date.

PRODUCT CODE	PRODUCT DESCRIPTION	BOX QUANTITY	MOQ
90.160	Ultrasonic Bath Cleaning Performance Test, SoniSafe	16 packs	1 box



PROTEIN RESIDUE TEST

- Detects protein residues remaining on medical device surfaces after washing.
- Delivers results in 10–20 seconds with 1 µg sensitivity.
- Reference color changes based on the presence of protein.

PRODUCT CODE	PRODUCT DESCRIPTION	BOX QUANTITY	MOQ
90.300	Protein Residue Test, SafeCheck	16 packs	1 box

MEDOSTER





Security Seal & Label Group

MEDO STERIL



SELF-ADHESIVE CONTAINER LABEL

- Designed for use in steam sterilization processes.
- Complies with ISO 11140-1 standard.
- Suitable for 121°C and 134°C sterilization cycles.
- Features indicator ink sensitive to steam sterilization parameters.
- Does not contain lead, heavy metals, or other harmful substances.
- Displays a clear and distinct color change after sterilization.
- Allows space to record Sterilization Date, Expiry Date, Sterilizer Number, and Username.
- Self-adhesive and easy to apply.

PRODUCT CODE	PRODUCT DEFINITION	BOX QUANTITY	MOQ
80.100	Container Label (Steam)	50 packs	1 box



CONTAINER PLASTIC SECURITY SEAL

- Designed for single use.
- Applied to containers before sterilization for security purposes.
- Ensures safe use by requiring breakage after sterilization to access contents.
- Available with or without process indicators.
- Indicator versions comply with ISO 11140-1 standard.
- Indicator ink is free from lead, heavy metals, and other harmful chemicals.
- Provides clear color change after exposure to sterilization.
- Offered in blue and red color options.
- Made of durable plastic; easy to apply and remove.

PRODUCT CODE	PRODUCT DEFINITION	BOX QUANTITY	MOQ
80.200	Container Plastic Security Seals (with Indicator)	10 packs	1 box
80.210	Container Plastic Security Seals (w/o Indicator)	10 packs	1 box



Biological Indicator & Incubator Group

MEDSTER



Biological Indicators (Steam, EO, Plasma, Formaldehyde)

- All indicators have a shelf life of 24 months.
- Manufactured with PP tube structure and heat-resistant culture medium.

Steam Biological Indicators

- Contains *Geobacillus stearothermophilus* ATCC 7953.
- Designed to validate steam sterilizers operating between 121–135°C (vacuum-assisted or gravity displacement).
- Fully compliant with EN ISO 11138-3:2017.
- Offers fast result variants with high-visibility color change for improved usability.

EO (Ethylene Oxide) Biological Indicators

- Contains *Bacillus atrophaeus* ATCC 9372.
- Designed for EO sterilization with incubation at 37 ± 2 °C.
- Fully compliant with EN ISO 11138-2:2017.
- Provides clear color transitions, multiple packaging options, and high sensitivity.

Plasma / H₂O₂ Biological Indicators

- Contains *Geobacillus stearothermophilus* ATCC 7953.
- Optimized for low-temperature plasma (H₂O₂) sterilization cycles.
- Fully compliant with EN ISO 11138-1:2017.
- Features rapid result time, reliable spores, and versatile packaging.

PRODUCT CODE	PRODUCT DESCRIPTION	BOX QUANTITY	MOQ
85.224	Steam Flash Readout, 20min.	50 pcs	1 box
85.222	Steam Rapid Readout, 1 hr.	50 pcs	1 box
85.202	Steam Rapid Readout, 3 hr.	50 pcs	1 box
85.020	Steam Biological Indicator, 24 hr.	100 pcs	1 box
85.093	Plasma Flash Readout, 20 min.	50 pcs	1 box
85.092	Plasma Flash Readout, 1 hr.	50 pcs	1 box
85.094	Plasma Flash Readout, 3 hr.	50 pcs	1 box
85.091	Plasma Biological Indicator, 24 hr.	100 pcs	1 box
85.104	EO Rapid Readout, 3 hr.	50 pcs	1 box
85.010	EO Biological Indicator, 48 hr.	100 pcs	1 box
85.103	FORM Flash Readout, 20 min	50 pcs	1 box
85.101	FORM Rapid Readout, 1 hr.	50 pcs	1 box
85.105	FORM Biological Indicator, 24 hr.	100 pcs	1 box



BIOLOGICAL INCUBATORS (RAPID, CONVENTIONAL)

- Accurate incubation of biological indicators is essential for validating sterilization processes.
- The SafeCheck Incubator Series and Rapid Readers are designed specifically for steam, EO, plasma, and formaldehyde methods.
- These systems ensure maximum safety, speed, and compliance in both manual and automated workflows.

PRODUCT CODE	PRODUCT DESCRIPTION	BOX QUANTITY	MOQ
86.R04	Rapid Automatic Biological Reader with 4 Slots	1 unit	1 unit
86.R08	Rapid Automatic Biological Reader with 8 Slots, Android System with WI-FI / HD Display	1 unit	1 unit
86.R10	Rapid Automatic Biological Reader with 10 Slots	1 unit	1 unit
86.021	Biological Incubator Conventional with 21 Slots, 24 - 48 hr.	1 unit	1 unit



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Sealing Machines

MEDSTER



MKC 400 SEALING MACHINE

- **User Interface:** Equipped with a 2-line bright LED display and light-touch keyboard for easy operation.
- **Precise Temperature Control:** Microcomputer-controlled range from 60°C to 220°C with $\leq 1\%$ accuracy.
- **Fast Heating:** Heats from room temperature to 180°C in 40 seconds; from 120°C to 180°C in 10 seconds.
- **Safety Mechanism:** Auto pause activates if the temperature deviates $\pm 4^\circ\text{C}$ from the set value.
- **Sealing Speed & Detection:** 10 m/min sealing speed with automatic seal detection via light-control technology.
- **Strong Seal Quality:** 12 mm sealing width ensures secure adhesion with sterilization reels.
- **Adjustable Seal Margin:** Seal margin adjustable from 0 to 35 mm.
- **Versatile Compatibility:** Works with paper-plastic, 3D paper-plastic, and paper-paper sterilization pouches.
- **Auto Fault Detection:** Built-in fault detection and alarm system for safe operation.
- **Durable Design:** Features advanced ceramic heating elements; supports add-ons like stainless worktables.
- **Dimension:** 440×230×160mm (L×W×H), Weight: 11 Kgs.



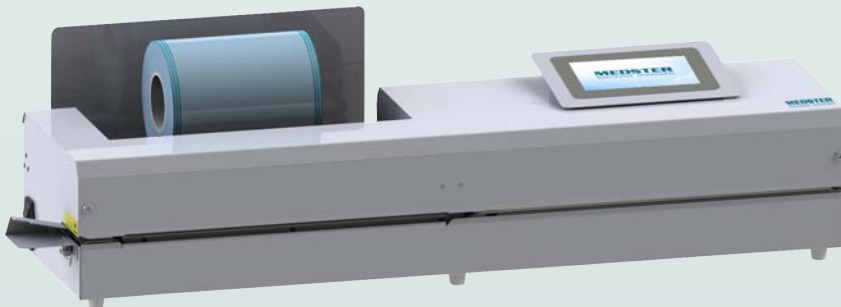
MYKC 100 SEALING MACHINE WITH PRINTER

- **Advanced Interface:** 7-inch full-colour LCD touchscreen with graphical UI, built-in clock, and automatic parameter storage.
- **Customizable Printing:** Allows printing of sterilization date, expiry date, lot number, operator, item name, and more via the built-in dot matrix printer.
- **Accurate Temperature Control:** Smart microcomputer-controlled range from 60°C to 220°C with $\leq 1\%$ deviation for stable performance.
- **Rapid Heating & Cooling:** Reaches 180°C in 40 seconds; includes intelligent cooling system to switch quickly between high and low-temperature sealing.
- **Safety Features:** Auto shutdown if temperature deviates $\pm 4^\circ\text{C}$ from the set point, ensuring sealing quality and operator safety.
- **High Efficiency:** Sealing speed of 10 m/min with automatic seal and print detection via light-control technology.
- **Versatile Sealing Design:** 12 mm seal width, 0–35 mm adjustable margin, and constant-pressure system suitable for various pouch thicknesses including 3D and flat bags.
- **Flexible Printing Capabilities:** Offers 3 font widths, special character printing, adjustable expiry calculation, and selective print on/off per item.
- **Smart Printing Width Detection:** Automatically calculates the required paper width based on input content and alerts if the pouch is too narrow before sealing.
- **Energy-Saving Mode:** Adjustable standby time and temperature with fast recovery, plus long-life flat heating elements for durability and efficiency.
- **Dimensions:** 560×230×200 mm (L×W×H), Weight: 17 Kgs.



MKKC-300 AUTOMATIC CUTTING & SEALING MACHINE

- **Smart Touchscreen Control:** Equipped with a 7-inch colour LCD touchscreen that allows setting and automatic storage of cutting and sealing parameters. Built-in clock and graphical interface for intuitive operation.
- **Full Automation & Multi-functionality:** Performs automatic feeding, cutting and sealing with just length and quantity input. Supports independent or combined use of cutting and sealing functions, enabling high efficiency.
- **Advanced Cutting Capabilities:** Supports cutting of single or multiple rolls (even with different widths) with high precision. Cutting margin and sealing edge distance are adjustable to maximize material usage and minimize waste.
- **Intelligent Sealing Control:** Floating constant pressure structure with automatic sealing pressure adjustment. Supports sealing of various bag types and thicknesses. Automatically stops if sealing temperature deviates by $\pm 4^{\circ}\text{C}$ from the set range.
- **Fast Heating & Cooling:** Reaches 180°C in 60 seconds from room temperature; transitions from 120°C to 180°C in just 10 seconds. Includes microcomputer-controlled cooling to improve efficiency when switching between temperatures.
- **Real-Time Monitoring & Fault Detection:** Displays speed, pressure, temperature, and test time in real time. Includes auto fault detection and alarms for errors during operation or abnormal pressure levels.
- **High-Speed & Standard Compliant Sealing:** Sealing and cutting speed of 10 m/min, 12 mm sealing width.
- **Energy-Saving & Expandable:** Adjustable standby time/temp with quick wake-up. Compatible with optional accessories like ultra-quiet roller tables, multifunction workstations, and barcode scanners to improve usability and efficiency.
- **Dimension:** $1092 \times 280 \times 230$ (L×W×H), Weight: 38 Kgs



MKKC-200 AUTOMATIC CUTTING & SEALING MACHINE WITH PRINTER

- **Smart Touchscreen Control:** Equipped with a 7-inch colour LCD touchscreen that allows setting and automatic storage of cutting, sealing, and printing parameters. Built-in clock and graphical interface for intuitive operation.
- **Full Automation & Multi-functionality:** Performs automatic feeding, cutting, sealing, and printing with just length and quantity input. Supports independent or combined use of cutting, sealing, and printing functions, enabling high efficiency.
- **Advanced Cutting Capabilities:** Supports cutting of single or multiple rolls (even with different widths) with high precision. Cutting margin and sealing edge distance are adjustable to maximize material usage and minimize waste.
- **Intelligent Sealing Control:** Floating constant pressure structure with automatic sealing pressure adjustment. Supports sealing of various bag types and thicknesses. Automatically stops if sealing temperature deviates by $\pm 4^{\circ}\text{C}$ from the set range.
- **Fast Heating & Cooling:** Reaches 180°C in 60 seconds from room temperature; transitions from 120°C to 180°C in just 10 seconds. Includes microcomputer-controlled cooling to improve efficiency when switching between temperatures.
- **Intelligent Printing System:** Built-in dot-matrix printer supports printing sterilization info (date, expiry, batch, operator, department, etc.) with auto date adjustment. Offers 3 font widths and symbol printing to optimize for narrow bags.
- **Bag Detection & Printing Width Alerts:** System calculates and alerts minimum required bag width based on selected print content. One-click print disable or item-wise selective printing is available for quick switching.
- **Real-Time Monitoring & Fault Detection:** Displays speed, pressure, temperature, and test time in real time. Includes auto fault detection and alarms for errors during operation or abnormal pressure levels.
- **High-Speed & Standard Compliant Sealing:** Sealing and cutting speed of 10 m/min, 12 mm sealing width.
- **Energy-Saving & Expandable:** Adjustable standby time/temp with quick wake-up. Compatible with optional accessories like ultra-quiet roller tables, multifunction workstations, and barcode scanners to improve usability and efficiency.
- **Dimension:** $1092 \times 280 \times 230$ (L×W×H), Weight: 40 Kgs

MEDOSTER





STERILIZED

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MEDSTER

Company: Medster Tıbbi Cihaz ve Sağlık Hizmetleri Ltd. Şti.
Address: Malıköy Başkent OSB Mah. 19. Cad. NO:51 Sincan, Ankara/ TÜRKİYE
Tel.: +90 312 643 50 50 Mobile: +90 533 918 69 40
E-mail: info@medster.com.tr
Website: www.medster.com.tr

