

3M Science.
Applied to Life.™

3M Sterilization

Steam Solutions

Innovative monitoring technology for
medical and pharmaceutical steam
sterilization applications.



Together we can make a difference.



Organisations in more than 60 countries already depend on 3M for innovative products, new ideas and creative solutions to help reduce the risk of healthcare associated infections. We'll work with you to meet the needs of your organisation.

Sterilization and microbiology departments are faced with greater challenges than ever. Increasing demands for quick turnarounds, pressure to streamline operations and cut costs. There is the need to keep policies and procedures in line with evolving standards.

3M can help sterilization professionals take on these challenges with a comprehensive approach to sterilization monitoring, record keeping, continuing education and technical support. Life Sciences professionals have trusted 3M sterilization products for more than 60 years. We're ready with the tools and technologies to help you do what you do best.

3M understands the sterilization challenges facing professionals in the medical device and pharmaceutical industries worldwide. We're a global leader in the manufacture, supply and continuing innovation of sterilization monitoring. We have led the way in developing new technologies and techniques. We have a comprehensive portfolio of products, services and expertise to help you maintain the highest sterilization standards.

Our Technical Service team is an integral part of our organisation. Staffed with experienced personnel with backgrounds in microbiology, physics, chemistry and other related disciplines, they provide direct support to our customers. Drawing from our extensive experience in sterilization, they are not only experts in product-related issues but also problem solvers with the clinical understanding and knowledge of relevant standards to advise you and rally the resources required to get your questions answered.



Monitoring solutions from one of the sterilization leaders.



Routine monitoring is the best way to verify that your sterilizers are functioning as they should, your sterilant has penetrated deeply enough into each pack, and your sealed packs have been exposed to the sterilization process.

3M is one of the world leaders in sterilization monitoring solutions. Our complete portfolio of differentiated, clinically preferred products can help you streamline your operations, standardise your protocols and most importantly, provide the best possible care for your patients. Products like 3M™ Attest™ Super Rapid Readout Biological Indicators can significantly reduce the time required to see critical information about the sterilization process. Our Type 5 3M™ Comply™ (SteriGage™) Chemical Integrator features moving front ink technology, with an easy to interpret ‘Accept or Reject’ result and 3M™ Comply™ Lead Free Steam Indicator Tape features 3M’s renowned adhesive technologies to ensure pack security, while providing the at-a-glance information you need to quickly confirm sterilization exposure.

What	Requirements	How	Where and when
Equipment monitoring	ISO 11140 part 1 and 4	B&D test, ETS	Every day
Exposure monitoring	ISO 11140 part 1	Type 1 Chemical Indicator: tape, label	Every pack
Load monitoring	ISO 11138 part 1 and 3	Biological Indicator	Every load
Pack monitoring	ISO 11140 part 1	Type 5 Chemical Indicator	Every pack
Track and trace	Quality system	Hard copy or digital	Every item

Implement standard practices Sterilization with 3M.



Equipment Monitoring.

Equipment monitoring is a way to find out whether or not a sterilizer is doing its job properly. To monitor vacuum assisted steam sterilizers, you begin each day with a steam penetration test to detect air leaks, inadequate air removal, inadequate steam penetration and the presence of non-condensable gases, any of which can compromise sterility. Methods to perform equipment monitoring or a steam penetration test can be done using ink based or alternative Bowie and Dick tests. To ensure a better control of a sterilizer, it is necessary to acquire more information on the process and to store data digitally (by using the 3M™ Electronic Test System). The digitally stored data can be used for quality systems but also to analyse the results of a sterilizer over time.

Practical Applications of the Standards

- (1) The Bowie-Dick test pack should always be run in a warm sterilizer to avoid false failures.
- (2) Place the Bowie-Dick test pack on the bottom shelf of the cart or rack, over the drain, in an otherwise empty sterilizer.

Recommended 3M Product

3M™ Electronic Test System: a unique test device for the measurement of the physical parameters of a steam sterilization cycle providing an accurate temperature, pressure and time measurement and a unique air detection system. It provides digital information which can be analysed over time for sterilizer performance.



Load Monitoring.

Load monitoring is the process by which each load is monitored and released for use based on the result of a biological indicator (BI). Only a BI can offer convenient detection of the actual killing of spores inside the sterilizer.

Practical Applications of the Standards

If a test BI is positive, and the cause of the failure is not immediately identifiable, all items from that load and all items from loads processed since the last load with a negative BI result should be recalled and reprocessed.

Recommended 3M Product

This monitoring can be performed using Super Rapid Attest BIs (1 hour readout) or Rapid Attest BIs (3 hour readout).

Practice for Steam



Pack Monitoring.

Pack monitoring can be achieved by the use of chemical indicators (e.g. Type 5) for internal monitoring of packs, trays, containers and peel pouches. Pack monitoring verifies that the steam sterilization conditions are established inside the pack and is recommended for use by the World Health Organization*.

Practical Applications of the Standards

- (1) For steam sterilization, place a pack monitor in the geometric centre of each pack, peel pouch or tray. In rigid containers, place a pack monitor in two opposite corners of each level. In multi-level wrapped containers, place a pack monitor in the centre of each level.
- (2) If a pack monitor fails, that pack should not be used and must be reprocessed.

Recommended 3M Product

3M™ Comply™ (SteriGage™) Class 5 Integrating Indicators have easy to interpret “moving front” ink technology.



Exposure Monitoring.

Exposure monitoring by lead free steam products are a way for sterilizer operators and end users to know at a glance whether packs have been exposed to the sterilization process. Exposure monitoring can be performed by using an external chemical indicator, such as the 3M™ Comply™ 1322 Lead Free Steam Indicator Tape, on the outside of each package.

Practical Applications of the Standards

Use an external Chemical Indicator on the outside of each package.

Recommended 3M Product

3M™ Comply™ 1322 and 1355 Lead Free Steam Indicator Tapes provide the exposure monitoring solution that you need.



Record Keeping.

Underlying each aspect of the 3M sterilization assurance is record keeping, envelopes, forms, labels and electronic systems providing documentation of which items have been processed, along with evidence of the cycle monitoring results. Good records allow you to trace each pack for sterility assurance, making it easier to diagnose any problems.

*Source: http://www.who.int/patientsafety/safesurgery/tools_resources/SSSL_Checklist_finalJun08.pdf?ua=1
http://www.who.int/patientsafety/safesurgery/tools_resources/SSSL_Manual_finalJun08.pdf?ua=1

Products for Equipment Monitoring.

Equipment monitoring is a way to find out whether or not your sterilizer is doing its job properly. To monitor vacuum-assisted steam sterilizers, you should begin each day with a daily steam penetration test (Bowie and Dick test) to detect air leaks, inadequate air removal, inadequate steam penetration and the presence of non-condensable gases, any of which can compromise sterility. It is important that the Bowie and Dick test be independent of the sterilizer.

3M™ Electronic Test System for Steam Sterilizers (ETS)

4208, 4109, 4110

- Three component monitoring system – sensing unit, data reader, comprehensive data analysis software
- Accurate, reliable, precise and independent data capture
- Fully automatic steam penetration test result (Bowie-Dick Test Accept or Reject)
- Simple to use and interpret
- Digital, paperless records, distributable over corporate networks
- Compliant with EN ISO 11140-1 and -4



Code	Description	Packaging	Shipping
4208	ETS Sensing Unit	1 each/box	1 box/case
4109	ETS USB Data Reader	1 each/box	1 box/case
4110	ETS Software	1 each/box	1 box/case

Products for Equipment Monitoring.

3M™ Comply™ Disposable Bowie and Dick Type Autoclave Test Pack

1300

- Complies with EN ISO 11140-1 and -4
- Laminated card indicator sheet
- BSI certified
- Easy to locate and retrieve test sheet



Code	Description	Packaging	Shipping
1300	3M™ Comply™ Disposable Bowie and Dick Type Autoclave Test Pack	20 items/box	1 box/case

3M™ Comply™ Disposable Bowie and Dick Type Autoclave Test Pack

1301

- Complies with EN ISO 11140-1 and -4
- Paper indicator sheet
- BSI certified
- Easy to locate and retrieve test sheet



Code	Description	Packaging	Shipping
1301	3M™ Comply™ Disposable Bowie and Dick Type Autoclave Test Pack	20 items/box	1 box/case

Products for Load Monitoring.



Load monitoring is the process by which a load is monitored and released based on the final negative result of a Biological Indicator (BI). Only a BI can offer convenient detection of the actual killing of spores inside the sterilizer. As a best practice and to provide optimal patient safety, 3M recommends that every sterilization load be monitored with an appropriate biological indicator inserted into an appropriate process challenge device.

3M™ Attest™ Super Rapid Readout Biological Indicator

3M™ Attest™ Super Rapid Readout Biological Indicators provide the fastest (1 hour) steam biological indicator result available today, providing shortened incubation time and allowing results to be available by the time the load has cooled. This provides real confidence about the status of the load at the time of load release.

Best Practice

Direct measurement of temperature and pressure does not ensure sterilization condition, and because chemical indicators cannot replace biological indicators, it's best practice to use BIs for load monitoring.

Biological Indicator Systems for Steam Sterilization.

3M™ Attest™ Super Rapid Readout Biological Indicator

1492V

3M Attest Super Rapid Readout biological indicator system for use with steam sterilization processing is a proprietary technology that provides the fastest biological indicator result available. 3M Attest Super Rapid Readout provides results in as little as one hour post-processing. The product can be used in sterilization processes operating at between 132°C and 135°C.

- 1-hour readout biological indicator for steam sterilization cycles
- Highly resistant, standardised population of *Geobacillus stearothermophilus* spores
- Provides all of the benefits of self-contained technology plus results in one hour
- Complies with EN ISO 11138-1 and -3



Code	Description	Packaging	Shipping
1492V	3M™ Attest™ Super Rapid Readout Biological Indicator 1492V	50 each/box	4 boxes/case

3M™ Attest™ Rapid Readout Biological Indicator

1292, 1292E, 1291

3M Attest Rapid Readout biological indicator system for use with steam sterilization processing provides the result in 3 hours.

- Provides results in 3 hours (1291 in 1 hour)
- Highly resistant, standardised population of *Geobacillus stearothermophilus* spores
- Provides all of the benefits of self-contained technology plus results in three hours
- Complies with EN ISO 11138-1 and -3



Code	Description	Packaging	Shipping
1292	3M™ Attest™ Rapid Readout Biological Indicator for Steam 121°C gravity or pre-vac processes 3 hour readout, brown cap	50 each/box	4 boxes/case
1292E	For 121° – 134°C pre-vac steam sterilizer, 121° – 123°C gravity processes, 3 hour readout	50 each/box	4 boxes/case
1291	3M™ Attest™ Rapid Readout Biological Indicator for steam 132°C gravity processes, 1 hour readout, blue cap	50 each/box	4 boxes/case

Biological Indicator Systems for Steam Sterilization.

3M™ Attest™ Biological Indicators for Steam Sterilization

1261, 1261P

For 132°C gravity displacement steam sterilization.

- Biological indicator vials are easy to use and interpret with visual colour readout in 24 hours
- This product has a 24 hour reduced incubation time result that correlates to the 7 days readout



Code	Description	Packaging	Shipping
1261	3M™ Attest™ Biological indicator for steam 132°C – 134°C gravity processes, 24 hour readout, blue cap	100 each/box	4 boxes/case
1261P	3M™ Attest™ Biological Indicator for steam 132°C – 134°C gravity processes, 24 hour readout, blue cap	25 each/box	4 boxes/case

3M™ Attest™ Biological Indicators for Steam Sterilization

1262, 1262P

3M developed the first self-contained biological indicators to reduce the risk of post-processing contamination.

- Highly resistant, standardised population of *Geobacillus stearothermophilus* spores
- Conventional self-contained technology benefits:
 - Simple culturing
 - Minimises false positives due to contamination
- Recommended incubation time is 48 hours
- Complies with EN ISO 11138-1 and -3



Code	Description	Packaging	Shipping
1262	3M™ Attest™ Biological Indicator for steam 134-137°C pre-vac or 121°C gravity processes, 48 hour readout, brown cap	100 each/box	4 boxes/case
1262P	3M™ Attest™ Biological Indicator for steam 134-137°C pre-vac or 121°C gravity processes, 48 hour readout, brown cap	25 each/box	4 boxes/case

Test Packs

3M™ Attest™ Super Rapid Readout Steam Challenge Pack

1496V, 1496VF

For 132°C four minute and 135°C three minute vacuum-assisted steam sterilization cycles. Each pack contains a vial of 3M Attest Super Rapid Readout Biological Indicator 1492V.

Code	Description	Packaging	Shipping
1496V	3M™ Attest™ Super Rapid Readout Steam Challenge Pack	24 each/box 24 controls/box	1 box/case
1496VF	3M™ Attest™ Super Rapid Readout Steam Challenge Pack	24 each/box 5 controls/box	1 box/case



3M™ Attest™ Rapid Readout Biological Indicator Test Pack

1296, 1296F

Test pack for steam processes. Contains a vial of 3M Attest 1292 Rapid Readout Biological Indicator.

Code	Description	Packaging	Shipping
1296	3M™ Attest™ Rapid Readout Biological Indicator Test Pack for steam, with Attest 1292 Biological Indicator	25 controls/box	1 box/case
1296F	3M™ Attest™ Rapid Readout Biological Indicator Test Pack for steam, with Attest 1292 Biological Indicator	5 controls/box	1 box/case



3M™ Attest™ Biological Indicator Test Pack

1276, 1276F

Test pack for steam processes. Contains a vial of 3M Attest 1262 Steam Biological Indicator.

Code	Description	Packaging	Shipping
1276	3M™ Attest™ Biological Indicator Test Pack for steam, with Attest 1262 Biological Indicator	25 controls/box	1 box/case
1276F	3M™ Attest™ Biological Indicator Test Pack for steam, with Attest 1262 Biological Indicator	5 controls/box	1 box/case



3M™ Attest™ Auto-readers

490, 390

The 3M Attest Auto-reader 490 is designed to incubate and automatically read the growth (in the form of fluorescence) of the Attest 1492V Super Rapid Readout Biological Indicator in 1 hour and the 3M Attest Auto-reader 390 is designed to incubate and automatically read the fluorescence of the Attest 1291, 1292, 1292E Rapid Readout Biological Indicator in 3 hours.

New and advanced features include:

- Custom configuration including audible alarm, time and date, and temperature check
- Intelligent display with time-to-result countdown and easy result interpretation features
- Manage documentation requirements with web app and your internet connected PC
- Display viewable remotely through web app using your smart-phone, tablet or PC
- Connects to instrument tracking software



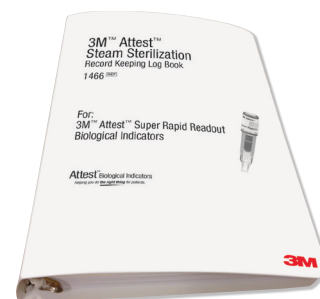
Code	Description	Packaging	Shipping
490	Auto-reader for use with 3M™ Attest™ 1492V Super Rapid Readout Biological Indicator, 10 well capacity	1 unit/box	1 box/case
390	Auto-reader for use with 3M™ Attest™ 1291, 1292, 1292E Rapid Readout Biological Indicator, 10 well capacity	1 unit/box	1 box/case

3M™ Attest™ Log Book

1466

Preprinted log book puts all the information you need to help meet requirements right at your fingertips.

- For use with 3M™ Attest™ Super Rapid Readout Biological Indicator 1492V



Code	Description	Packaging	Shipping
1466	3M™ Attest™ Log Book with 50 record charts	1 each/pack	1 pack/case

Products for Pack Monitoring.

Pack monitoring can be achieved by use of chemical indicators (Type 5) for internal monitoring of packs, trays, containers and peel pouches. Pack monitoring verifies that the steam sterilization conditions are established inside the pack and the World Health Organisation (WHO) surgical safety check list* requires that the pack sterility should be verified. This can be achieved by using a chemical indicator in every pack.

3M™ Comply™ SteriGage™ Steam Chemical Integrators feature a “moving front” readout for easy-to-interpret 'Accept or Reject' results. Optional extenders are available for fast retrieval from inner packs. This Type 5 Integrating Indicator correlates to the performance of a biological indicator at three time/temperature relationships under ideal steam sterilization conditions.

Best Practice

3M Comply SteriGage Type 5 Integrating Indicators have easy to interpret “moving front” ink technology.

3M™ Comply™ SteriGage™ Steam Chemical Integrating Indicators 1243A, 1243B, 1243RE

- 3M Comply SteriGage Steam Chemical Integrators meet the performance requirements of EN ISO 11140-1. 3M Comply SteriGage Steam Chemical Integrators are designed to accurately detect small changes in all defined critical sterilization parameters across the entire common sterilization range in gravity and pre-vac steam sterilization processes.



Code	Description	Packaging	Shipping
1243A	3M™ Comply™ SteriGage™ Steam Chemical Integrator, Type 5 chemical integrating indicator, moving front technology	500 each/bag	2 bag/case
1243B	3M™ Comply™ SteriGage™ Steam Chemical Integrator, 5.1 cm × 1.9 cm (2 in × ¾)	100 each/box	10 boxes/case
1243RE	3M™ Comply™ SteriGage™ Chemical Integrator, Type 5 chemical integrating indicator with extender, moving front technology	1000 each/bag	1 bag/case

*Source: http://www.who.int/patientsafety/safesurgery/tools_resources/SSSL_Checklist_finalJun08.pdf?ua=1
http://www.who.int/patientsafety/safesurgery/tools_resources/SSSL_Manual_finalJun08.pdf?ua=1

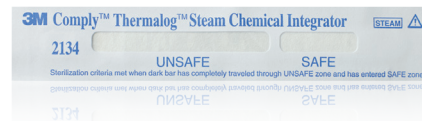
Products for Pack Monitoring.

3M™ Comply™ Thermalog™ Steam Chemical Integrator

2134MM

Steam Chemical Integrator, moving front, size 10.16 cm x 1.91 cm

- Indicates defined critical parameters have been met
- Moving front technology provides easy-to-read accept or reject results
- Complies with ISO 11140-1
- More suited to 121°C / 15 minute steam sterilization cycles



Code	Description	Packaging	Shipping
2134MM	3M™ Comply™ Thermalog™ Steam Chemical Integrator, Type 5 chemical integrating indicator, moving front technology	250 each/box	8 box/case

Type 4 Multi-Parameter Chemical Indicators

The indicator dots react sequentially during the steam sterilization process and respond to temperature, time and the presence of moisture.

3M™ Comply™ Steam-Clox™ Steam Multi-Parameter Chemical Indicators

00103, 00104

Code	Description	Packaging	Shipping
00103	3M™ Comply™ Steam-Clox™ 121°C Type 4	250 each/box	20 box/case
00104	3M™ Comply™ Steam-Clox™ Chemical Indicator, 134°C Type 4	250 each/box	20 box/case



3M™ Comply™ Steam Chemical Indicator Strip

1250

- Long strip of chemical indicator ink printed on perforated-style strip. Colour change from white to black/dark brown
- This Type 4 multi-variable indicator reacts to two or more critical steam sterilization process variables
- Complies with ISO 11140-1



Code	Description	Packaging	Shipping
1250	3M™ Comply™ Steam Chemical Indicator Strip, Type 4 multi-parameter indicator. Colour change result	240 each/box	8 boxes/case

Products for Exposure Monitoring.

Exposure monitoring products allow anyone to see at a glance whether packs have been exposed to the sterilization process. Usually consisting of tapes or labels, these Type 1 process indicators undergo a colour change when exposed to the sterilant.

Best Practice

- Always place a Type 1 process indicator on the outside of every pack, wrapped tray, container or peel pouch if there is no exposure monitor already built in.
- Whilst the external monitor indicates that a pack has been through a process, it provides no evidence that the contents has been properly exposed to steam. Only an internal pack monitoring chemical indicator can provide this information.

3M™ Comply™ Lead Free Steam Indicator Tape

1322, 1355, 1322CH

A reliable steam indicator tape that provides immediate information if the pack has been exposed to adequate steam sterilization. The chemical indicator lines will turn dark when exposed to a steam sterilization process.

- Reliable adhesive adheres to packaging material
- Sustainable, solvent-free manufacturing process
- Does not require hazardous waste disposal
- Redesigned packaging uses up to 30% less plastic
- Convenient, individually wrapped, easy-to-open rolls
- Lead free and no added latex
- 1355 has an adhesive specially formulated for adhesion to non-woven wrapping materials and generally has higher levels of adhesion



Code	Description	20 box/case	Packaging
1322 – 12mm	3M™ Comply™ Lead Free Steam Indicator Tape designed for use on all wraps, size 12mm x 55m (0.47 in x 60 yd), tan		42 rolls/case
1322 – 18mm	3M™ Comply™ Lead Free Steam Indicator Tape designed for use on all wraps, size 18mm x 55m (0.70 in x 60 yd), tan		28 rolls/case
1322 – 24mm	3M™ Comply™ Lead Free Steam Indicator Tape designed for use on all wraps, size 24mm x 55m (0.94 in x 60 yd), tan		20 rolls/case
1322 – 48mm	3M™ Comply™ Lead Free Steam Indicator Tape designed for use on all wraps, size 48mm x 55m (1.89 in x 60 yd), tan		10 rolls/case
1355 – 18mm	3M™ Comply™ Lead Free Steam Indicator Tape designed for use on disposable wraps, size 18mm x 55m (0.70 in x 60 yd), blue		28 rolls/case
1355 – 24mm	3M™ Comply™ Lead Free Steam Indicator Tape designed for use on disposable wraps, size 24mm x 55m (0.94 in x 60 yd), blue		20 rolls/case
1322CH	3M™ Comply™ Lead Free Steam Indicator Label designed for use on metal and glassware, size 25mm x 10cm (1.00 in x 4.00 in), clear colour change		500 labels/roll

3M™ Comply™ Lead Free Steam Indicator Tape

1221

1221-1 – 25mm	3M™ Comply™ Steam Indicator Tape, contains natural rubber adhesive including latex, size 25mm x 50m (1.00 in x 54 yd), tan	36 rolls/case
1221-6 – 19mm	3M™ Comply™ Steam Indicator Tape, contains natural rubber adhesive including latex, size 19mm x 50m (0.75 in x 54 yd), tan	48 rolls/case

Products for Record Keeping.

The final step in a complete and successful sterilization monitoring system is record keeping. A good system of records provides documentation that items have been processed, along with evidence of your monitoring results. 3M record keeping products provide a permanent record to help you meet your requirements.

Best practice

- Always record your monitoring results in a logical, easy-to-use system
- Record keeping envelopes, forms, labels and electronic systems are common documentation

3M™ Comply™ SteriGage™ Load Record Cards

4171MM

A single-use device that indicates whether materials within a pack or load have been exposed to conditions necessary for sterilization. The steam sterilization record cards can be used in all steam sterilization processes.



Code	Description	Packaging	Shipping
4171MM	3M™ Comply™ SteriGage™ Load Record Card	100 each/box	1 box/case

3M™ Comply™ Indicator Label

00160


Code	Description	Packaging	Shipping
00160	3M™ Comply™ Steam – for use in steam sterilizers, Type 1 process indicator. Colour change result	1000 labels/roll	12 rolls/case

Scotch® Heavy Duty Dispenser C22

C22

Made of rugged, high-impact, durable plastic, capable of handling two rolls of 18 mm wide indicator tape and with weighted base.



Code	Description	Packaging	Shipping
C22	Scotch® Heavy Duty Dispenser C22 with weighted base	1 each/box	2 boxes/case

3M™ Comply™ Indicator Tape Dispenser M52 with Tabber

M52

Holds three 12mm rolls or two 25mm rolls or one 50mm roll. A tabber can be attached to the tape dispenser, which automatically folds a 6mm length of tape.



Code	Description	Packaging	Shipping
M52	3M™ Comply™ Indicator Tape Dispenser with tabber and weighted base	1 each/box	1 box/case

3M™ Steri-Dual™ ECO Sterilization Packaging

The heat-sealable sterilization packaging products are based on a paper and plastic film construction, equipped with a 3-line sealing for extra stability. Steri-Dual ECO products are available in flat and gusseted reels and flat pouches. They provide a microbial barrier after sterilization unless package is opened or damaged. Easy to use with clean and fibre free opening.

Gusseted Reels

Reels: A continuous pouch which is cut to the desired length and sealed at either end.

Code	Product Size (W x H x L)	Items per box
8750	7,5 cm x 2,5 cm x 100 m	8
8752	10 cm x 5 cm x 100 m	6
8754	15 cm x 5 cm x 100 m	4
8756	20 cm x 5,5 cm x 100 m	2
8758	25 cm x 6,5 cm x 100 m	2
8760	30 cm x 8 cm x 100 m	2
8762	35 cm x 8 cm x 100 m	2
8764	40 cm x 8 cm x 100 m	2



Flat Reels

Code	Product Size (W x L)	Items per Box
8601	5,0 cm x 200 m	12
8602	5,0 cm x 100 m	12
8603	7,5 cm x 200 m	8
8604	7,5 cm x 100 m	8
8605	10 cm x 200 m	6
8606	10 cm x 100 m	6
8607	15 cm x 200 m	4
8608	15 cm x 100 m	4
8609	20 cm x 200 m	4
8610	20 cm x 100 m	4
8613	25 cm x 200 m	2
8614	25 cm x 100 m	2
8615	30 cm x 200 m	2
8616	30 cm x 100 m	2
8617	35 cm x 200 m	2
8618	35 cm x 100 m	2
8619	40 cm x 200 m	2
8620	40 cm x 100 m	2



Flat Pouches

Code	Product Size (W x L)	Items per Box
8652	7,5 cm x 15 cm	1000
8654	7,5 cm x 19,5 cm	1000
8656	7,5 cm x 25 cm	1000
8658	7,5 cm x 30 cm	1000
8660	7,5 cm x 39 cm	1000
8662	10 cm x 15 cm	1000
8664	10 cm x 19,5 cm	1000
8666	10 cm x 25 cm	1000
8667	10 cm x 27 cm	1000
8668	10 cm x 30 cm	1000
8672	10 cm x 39 cm	1000
8674	10 cm x 45 cm	1000
8676	10 cm x 57 cm	1000
8669	12 cm x 30 cm	1000
8678	15 cm x 19,5 cm	1000
8680	15 cm x 25 cm	1000
8681	15 cm x 32 cm	1000
8682	15 cm x 30 cm	1000
8683	15 cm x 35 cm	1000
8684	15 cm x 39 cm	1000
8686	15 cm x 45 cm	1000
8687	17 cm x 35 cm	1000
8688	20 cm x 25 cm	1000
8690	20 cm x 30 cm	1000
8691	22 cm x 35 cm	1000
8693	20 cm x 39 cm	1000
8696	20 cm x 45 cm	1000
8697	22 cm x 42 cm	1000
8698	25 cm x 30 cm	1000
8699	27 cm x 35 cm	1000
8701	25 cm x 39 cm	1000
8703	25 cm x 45 cm	1000
8705	25 cm x 50 cm	1000
8706	27 cm x 45 cm	1000
8707	30 cm x 39 cm	1000
8709	30 cm x 45 cm	1000
8711	30 cm x 57 cm	1000
8712	32 cm x 50 cm	1000
8715	35 cm x 39 cm	1000
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8719	40 cm x 45 cm	1000
8721	42 cm x 55 cm	1000
8722	42 cm x 60 cm	500



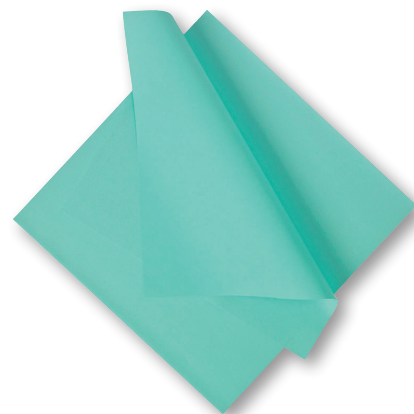
Packaging for Steam Sterilization.

3M™ Steri-Green™ Crepe Paper Sheets

CMG

3M Steri-Green crepe paper sheets are green dyed, square crepe paper sheets to be used for wrapping in steam sterilization processes. Sheets of different sizes are used to protect packs of linen or instrument trays.

Code	Product Size (W x L)	Items per Box
CMG030	30 cm x 30 cm	2000
CMG040	40 cm x 40 cm	500
CMG050	50 cm x 50 cm	500
CMG060	60 cm x 60 cm	500
CMG075	75 cm x 75 cm	250
CMG090	90 cm x 90 cm	250
CMG100	100 cm x 100 cm	250
CMG120	120 cm x 120 cm	100

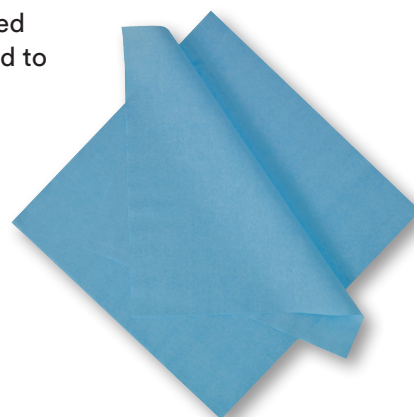


3M™ Steri-Blu™ Non-Woven Sheets

TNT

Steri-Blu non-woven sheets are blue dyed, square non-woven sheets to be used for wrapping in steam sterilization processes. Sheets of different sizes are used to protect packs of linen or instrument trays.

Code	Product Size (W x L)	Items per Box
TNT045	45 cm x 45 cm	500
TNT050	50 cm x 50 cm	500
TNT060	60 cm x 60 cm	500
TNT075	75 cm x 75 cm	250
TNT090	90 cm x 90 cm	250
TNT100	100 cm x 100 cm	200
TNT120	120 cm x 120 cm	100
TNT137	137 cm x 137 cm	100



3M™ Comply™ Instrument Protector

13911, 13913, 13915

Designed to protect sharp-pointed instruments from damage and reduce the possibility of pouch puncture during sterilization. Indicators on the protectors verify steam sterilization.

Code	Product Size (W x L)	Items per Box	Boxes/Case
13911	5,1 cm x 12,8 cm	100	10
13913	9,9 cm x 16,8 cm	100	10
13915	14,0 cm x 24,0 cm	100	10



Packaging for Steam Sterilization.

3M™ Steri-Lok™ Sealing Machines

The 3M Sterilization Pack Sealer Systems are the ideal machines for sealing packed goods in hospitals and laboratories, satisfying the highest quality and safety standards of sterilization.

Code	Product Size (W x H x L)	Items per Box	Boxes/Case
8521	3M™ Steri - Lok™ 8521 Sealer	1	1
8522	3M™ Steri - Lok™ 8522 Sealer	1	1
8523	3M™ Steri - Lok™ 8523 Sealer	1	1
8523	3M™ Steri - Lok™ 8523 CAL Sealer with calibration certificate	1	1
8524	3M™ Steri - Lok™ 8524 Roll Conveyor	1	1
8525	3M™ Steri - Lok™ 8525 Tray	12	1
	3M™ Steri - Lok™ Ink Ribbon for 8522/8523 Sealers		

8521



8522



8523





3M Life Sciences
3M Ireland Limited
The Iveagh Building
The Park Carrickmines
Dublin 18
D18 X015

Tel: +353 12803555
www.3M.ie

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