

3M™ Products and Services for Medical Sterilization Processes



Full Line
Catalog

Medical Sterilization Specialties
INTERNATIONAL



3M Medical Sterilization Specialties

3M Medical Sterilization Specialties is a global leader in the manufacture and supply of biological and chemical indicators for monitoring sterilization processes. 3M has led the way in developing innovative technologies and products including the first self-contained biological indicator and the unique 3M™ Attest™ Rapid Readout Biological Indicators for Ethylene Oxide and Steam sterilization processes.

In an increasingly competitive global manufacturing environment, 3M Attest Rapid Readout Biological Indicators provide the fastest (3 or 4 hours) biological indicator result available today providing a competitive advantage by maximizing inventory turns and process throughput leading to quantifiable economic advantages in manufacturing efficiency.

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3M Health Care Profile and History

3M is a diversified technology company known worldwide for innovative and reliable products. With annual sales of more than \$4 billion, 3M Health Care is one of the company's largest business. The 3M Health Care family of businesses serves a varied marketplace including medical, dental, pharmaceutical, animal health, and health information markets. The extended 3M Health Care family also serves the personal care and food safety markets. We apply our broad experience of working with blue chip medical manufacturing companies to deliver our range of innovative sterilization assurance monitoring products to the healthcare industry.

3M Health Care Philosophy

3M Health Care is committed to providing the health care manufacturing community with innovative solutions, based on 3M diversified technologies, that help improve your business efficiency.

3M Medical Sterilization Specialties

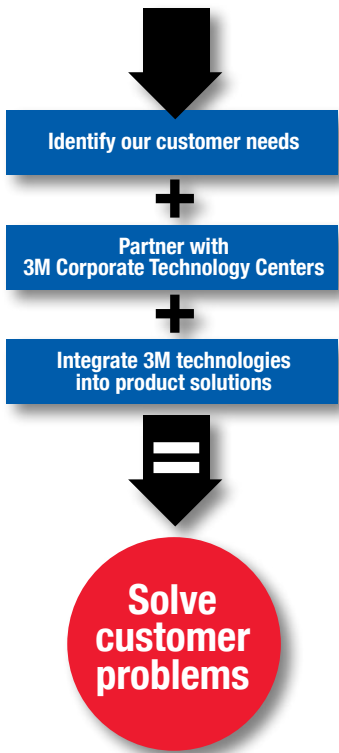
3M Medical Sterilization Specialties is a business within 3M Health Care. 3M has provided sterilization assurance monitoring products and hardware to the healthcare industry for over 25 years. We recognize that many of our sterilization assurance products have an application in industrial sterilization. Our business is focused specifically on the needs of Industrial Sterilization customers. As a medical device and pharmaceutical manufacturer ourselves, we have the same rigorous compliance and productivity requirements that drive your business.

3M Medical Sterilization Specialties has the unparalleled benefit of the wider 3M organization to back our products. Access to state-of-the-art R&D laboratories and Corporate Technology Centers combined with our renowned capabilities in technical excellence and 3M Innovation, provide a unique blend of skills to bring to the market highly innovative solutions for the health care manufacturing environment.

3M has over 25 separate corporate technology platforms to draw upon to support our customer's product needs. 3M Medical Sterilization Specialties products incorporate technologies from multiple 3M technology platforms including:

- Adhesives
- Biological sciences
- Microbiology
- Electromechanical systems
- Fluorochemicals
- Reactive Inks & pigments
- Specialty films and materials

It is our access to these technology platforms and 3M Corporate technical expertise that provides 3M Medical Sterilization Specialties with the ability to provide unmatched product solutions.



Technical Service and Product Support

Our Technical Service group is an integral part of our laboratory organization. Staffed with dedicated, experienced personnel with backgrounds in microbiology, biochemistry, food services, medical technology and other related disciplines, the group's primary responsibility is to provide direct support to 3M customers by responding to product and process related issues in a timely manner. The Technical Service team not only addresses product related questions, but can also help provide support to your cycle development and process validation projects, drawing from our extensive experience in sterilization.

Our Technical Service team is recognized as experts in their chosen field and keep current by participating within industry standards setting organization such as ISO, AAMI and other national standards setting groups. Participation in specific congresses around the world is an integral part of the team's activities.

3M Health Care is a global company with subsidiary organizations around the world. Our international operations are based in St. Paul, Minnesota where our primary Technical Service resources are located. However in recognition of the fact that our customers are also global companies, we have created a support structure in each of our regional organizations with technical expertise that can address issues in your local language at a convenient time. Our regional organizations have instant access to our product experts in St. Paul ensuring a rapid response to customer support requests.



3M Tech Line (US and Canada only) 1 800 441 1922 option 2

Monitoring Products for Ethylene Oxide (EtO) Sterilization

Biological Indicator Systems



3M™ Attest Rapid Readout Biological Indicator for Ethylene Oxide

3M Attest Rapid Readout biological indicator system for use with ethylene oxide (EtO) sterilization processing is a proprietary technology that provides the fastest biological indicator result available. 3M Attest Rapid Readout provides results in as little as four hours post-processing.

- Highly resistant, standardized population of *Bacillus atrophaeus* spores for EtO
- Provides all of the benefits of self-contained technology plus results in four hours
- Reduced incubation can improve inventory levels and increase turns
- Meets FDA classification as a biological indicator
- Complies with ISO and ANSI/AAMI/ISO 11138:2006, Parts 1 and 2

Cat. No.	Description	Packaging	Shipping
3M™ Attest™ Rapid Readout Biological Indicator for Ethylene Oxide			
1294-S	Biological Indicator for Ethylene Oxide	300 each/box	2 boxes/case



3M™ Attest™ 293G and 290G Auto-readers

3M 293G and 290G Auto-readers are designed to incubate and automatically read the fluorescence of the Attest 1294-S Rapid Readout Biological Indicator in 4 hours. The large capacity 3M Attest 293G Auto-reader is designed specifically for industrial sterilization processing.

- Automatic readout with visual display of indicator result
- The 293G has a 36 well capacity and the 290G has a 12 well capacity
- Developed with significant input from leading medical device manufacturers
- Can help streamline your sterilization monitoring process
- Incubates at 37°C ± 2°C



Cat. No.	Description	Packaging	Shipping
3M™ Attest™ Auto-readers			
293G	Auto-reader for Ethylene Oxide Large capacity 3M Attest Auto-reader For use with 3M Attest 1294-S Rapid Readout for Ethylene Oxide Biological Indicator 36 well capacity	1 unit/box	1 box/case
290G	Auto-reader for Ethylene Oxide For use with 3M Attest 1294-S Rapid Readout for Ethylene Oxide Biological Indicator 12 well capacity	1 unit/box	1 box/case

Monitoring Products for Ethylene Oxide (EtO) Sterilization

Conventional, Self-contained Biological Indicators

3M™ Attest™ Biological Indicators for Ethylene Oxide (EtO) Sterilization

3M developed the first self-contained biological indicators to reduce contamination from improper transfer technique.

- Highly resistant, standardized population of *Bacillus atrophaeus* spores for EtO
- Conventional self-contained technology benefits:
 - Simplistic culturing
 - Minimizes false positives due to contamination
 - Cost-effective
- Routinely documented for incubation times of less than seven days (typically 48 hours)
- Complies with ISO and ANSI/AAMI/ISO 11138:2006, Parts 1 and 2



Cat. No.	Description	Packaging	Shipping
3M™ Attest™ Biological Indicators for Ethylene Oxide (EtO) Sterilization			
1264-S	EtO Biological Indicator (Green cap)	300 each/box	2 boxes/case

3M™ Attest™ Biological Indicator Incubator

Attest Incubators provide optimal conditions for accurate readout of Attest 1264-S Biological Indicators.

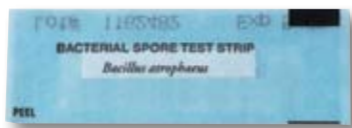
- Convenient, 28-vial capacity visible from above
- Dry-block design pre-set to proper incubation temperature



Cat. No.	Description	Packaging	Shipping
3M™ Attest™ Biological Indicator Incubator for 1264-S			
127	28-vial (2-tier), 37°C (EtO), 120 nominal voltage required, 90–132V acceptable (U.S.)	1 each/box	1 box/case
129	28-vial (2-tier), 37°C (EtO) 220/240 volt	1 each/box	1 box/case

Monitoring Products for Ethylene Oxide (EtO) Sterilization

Spore Strips and Media



3M™ Attest™ Spore Strips and Culture Media for Ethylene Oxide or Dry Heat

Spore strips for industrial sterilization applications

- Highly resistant, standardized population of *Bacillus atrophaeus* spores
- Packaged in peel-open glassine paper pouch
- Comply with ISO and ANSI/AAMI/ISO 11138:2006, Parts 1 and 2 (EtO)

Culture Media

Tryptic Soy Broth (TSB) for use with 3M Attest Spore Strips for EtO or Dry Heat

- Meets USP recommendation for soybean casein digest broth
- Meets NCCLS sterility and growth promotion guidelines

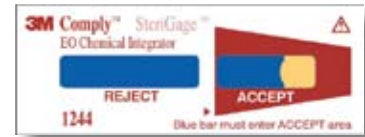
Cat. No.	Description	Packaging	Shipping
3M™ Attest™ Spore Strips for EtO or Dry Heat			
1263-S	Biological indicator spore test strip for EtO or Dry Heat	100 each/box	4 boxes/case
Culture Media Test Kit			
1263-M	25 1263-S spore strips and 25 TSB media tubes/box	25 of each/box	4 boxes/case

Chemical Indicators

Class 5 Chemical Integrating Indicators for Ethylene Oxide

For use in parametric release processes when independent monitoring information is indicated.

- Indicates sterilization critical parameters have been met
- 1244 Moving front technology provides easy-to-read accept/reject results
- For use with EtO/HCFC gas mixtures (1244 A)
- 1251 color change is red to green when exposed to ethylene oxide sterilization conditions
- Comply with ISO and ANSI/AAMI/ISO 11140:2005, Part 1



Cat. No.	Description	Packaging	Shipping
3M™ Comply™ (SteriGage™) Ethylene Oxide (EtO) Chemical Integrating Indicators			
1244A	EtO Chemical Integrator, moving front, for gas mixture sterilizers, 5,1 cm x 1,9 cm (2" x 3/4")	500 each/bag	2 bags/case
3M™ Comply™ Ethylene Oxide (EtO) Chemical Indicator Strip			
1251	EtO Chemical Indicator Strip, 1,5 cm x 20 cm (5/8" x 8")	240 each/box	1 box/case



Monitoring Products for Ethylene Oxide (EtO) Sterilization

Process Indicators and Accessories



Indicator Tapes for EtO Sterilization

A reliable ethylene oxide gas indicator tape that provides immediate identification of processed goods. Chemical indicator lines will turn red when exposed to an EtO sterilization process.

- Reliable adhesive adheres to packaging material

Cat. No.	Description	Packaging	Shipping
3M™ Comply™ Indicator Tape for Ethylene Oxide (EtO) Sterilization*			
1224-6	1,9 cm x 55 m (3/4" x 60 yds.), Green	—	24 rolls/case

*Contains Dry Natural Rubber



Indicator Tape Dispensers

Cat. No.	Description	Packaging	Shipping
C22 Heavy Duty Tape Dispenser			
The C22 heavy duty tape dispenser is made of rugged, high-impact, durable plastic. Capable of handling two rolls of 3/4-inch (1 cm) wide indicator tape.			
• Weighted base			
C22	Heavy duty, holds 2 rolls	—	2 each/case



M920 Definite-length Tape Dispenser

The M920 definite-length tape dispenser adjusts to dispense tape at a set length.

- Set length up to 4 inches (10 cm)
- Holds one indicator tape roll up to 1 inch (2.5 cm) in width

M920	Definite length	—	6 each/case
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Ethylene Oxide Sterilizers/Aerators

Ethylene Oxide Sterilizers/Aerators

3M Steri-Vac sterilizers provide dual cycle (37°C and 55°C), 100% EO gas sterilization for small-chamber, inhouse industrial sterilization.

- Supplied with user adjustable process parameters
- Single dose 100% EtO cartridge
- Engineered for safety
- Built-in aeration cycle
- Effective low temperature sterilization process for industrial medical, pharmaceutical and veterinary applications



Cat. No.	Description	Shipping
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3M™ Steri-Vac™ 8XL Sterilizer/Aerator

In addition to all of the features of the 5XL, the 8XL provides a 200 L (7.9 cu. ft.) chamber. The relative humidity feature continuously monitors, maintains and documents the proper humidity in the sterilization chamber during the precondition phase.

8XL	Sterilizer/aerator Exterior: 179 cm (H) x 94 cm (W) x 109 cm (D) 70" (H) x 37" (W) x 43" (D) Chamber: 46 cm (H) x 51 cm (W) x 97 cm (D) 18-1/8" (H) x 20" (W) x 38" (D)	1 unit/case
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3M™ Steri-Vac™ 5XL Sterilizer/Aerator

The 5XL sterilizer features a 130 L (4.8 cu. ft.) chamber. The validated computer controlled sensors ensure accuracy by automatically abating the cycle and displaying an error code if a malfunction is detected. Relative humidity detection and documentation is available.

5XL	Sterilizer/aerator Exterior: 59 cm (H) x 76 cm (W) x 90 cm (D) 23" (H) x 30" (W) x 35" (D) Chamber: 38 cm (H) x 43 cm (W) x 83 cm (D) 15" (H) x 17" (W) x 34"(D)	1 unit/case
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Aerators and Abators



Aerator

The model XL aeration cabinet circulates warm, filtered air in a 135 L (5 cu. ft.) chamber to effectively remove ethylene oxide residual from the goods. Designed for compatibility with 3M™ Steri-Vac™ Sterilizers.

- Two selectable aeration temperatures, 37°C (99°F) or 55°C (131°F)
- Modular system for versatility
- Digital display of temperature and elapsed time
- Continuous operation and control via adjustable timer

Cat. No.	Description	Shipping
3M™ Steri-Vac™ XL Aerator		
XL	Aerator Exterior: 62 cm (H) x 78 cm (W) x 93 cm (D) 24-3/8" (H) x 30-3/4" (W) x 36-5/8" (D) Chamber: 41 cm (H) x 46 cm (W) x 84 cm (D) 16-1/8" (H) x 18-1/8" (W) x 33" (D)	1 unit/case



Ethylene Oxide (EtO) Abator

The abator removes EtO gas exhausted from 3M™ Steri-Vac™ Sterilizers and Aerators, catalytically converting it into CO₂ and water vapor to meet environmental requirements. At normal operating temperatures and concentrations, removal efficiency is ≥99.9%.

- Works automatically with sterilization system
- Interfaces with up to two sterilizers
- Temperature range monitored

Cat. No.	Description	Shipping
3M™ Ethylene Oxide (EtO) Abator		
50	Abator 80 cm (H) x 82 cm (W) x 105 cm (D) 31" (H) x 32" (W) x 41" (D)	1 unit/case

Gas Cartridges, Monitoring Badges and Printer Papers

Ethylene Oxide Gas Cartridges

100% EtO is contained in a single-dose cartridge. The cartridge contains 100, 127 or 170 grams (3.5, 4.5 or 6 oz.) of EtO depending on the model Steri-Vac Sterilizer used.

- The system provides an easy, cost-effective and efficient method of gas sterilization
- Precise usage of EtO with single-dose cartridges means no waste of sterilant
- With 3M™ Steri-Gas™ Cartridges, operators have no bulky, heavy gas tanks to handle, and no hoses, valves and filters to adjust or replace
- The cartridges do not contain CFCs or HCFCs
- Single dose cannister designed to puncture only when correct vacuum is obtained
- Custom fill available



Cat. No.	Description	Packaging	Shipping
3M™ Steri-Gas™ Cartridges			
4-100	100 gram Cartridge for Models 4XL and 5XL	12 each/box	4 boxes/case
4-134	127 gram Cartridge for Model 5XL	12 each/box	4 boxes/case
8-170	170 gram Cartridge for Model 8XL	12 each/box	4 boxes/case

Ethylene Oxide Monitoring Badge

Lightweight personal monitoring badge packed with ethylene oxide-sensitive material. Clips to lapel or pocket near employee breathing zone for passive monitoring of individual during a work shift to meet U.S. mandated requirements. Monitor is returned to 3M support lab with prompt notification of results. Report is mailed to user (or telephoned if permissible exposure limits are exceeded).



Cat. No.	Description	Packaging	Shipping
3M™ Ethylene Oxide (EtO) Monitoring Badge			
3550	EtO Monitoring Badge	—	5 each/case

Printer Papers

Cat. No.	Description	Shipping
3M™ Steri-Vac™ Printer Papers		
1216A	Printer Paper, 60 mm (2-3/8") wide, 5XL (with serial number below 720000)	2 rolls/case
1217	Printer Paper, 79 mm (3-1/8") wide, for 8XL and 5XL (with serial number above 720000)	2 rolls/case



Monitoring Products for Steam Sterilization

3M™ Attest™ Rapid Readout Biological Indicators Systems



3M™ Attest™ Rapid Readout Biological Indicator for Steam

The 3M Attest Rapid Readout biological indicator system for use with steam sterilization processing is a proprietary technology that provides the fastest biological indicator reading available. 3M Attest Rapid Readout provides biological indicator readings in as little as three hours post-processing.

- Highly resistant, standardized population of *Geobacillus stearothermophilus*
- Provides all of the benefits of self-contained technology plus results in three hours for steam
- Reduced incubation can improve inventory levels and increase turns
- Meets FDA classification as a biological indicator
- Complies with ISO and ANSI/AAMI/ISO 11138:2006, Parts 1 and 3

Cat. No.	Description	Packaging	Shipping
3M™ Attest™ Rapid Readout Biological Indicator			
1292-S	Steam Biological Indicator (Brown cap)	300 each/box	2 boxes/case



3M™ Attest™ 293 and 290 Auto-readers

3M 293 and 290 Auto-readers are designed to incubate and automatically read the fluorescence of the Attest 1292-S Rapid Readout Biological Indicator in 3 hours. The large capacity 3M Attest 293 Auto-reader is designed specifically for industrial sterilization processing.

- Automatic readout with visual display of indicator result
- The 293 has a 36 well capacity and the 290 has a 12 well capacity
- Developed with significant input from leading medical device manufacturers
- Can help streamline your sterilization monitoring process
- Incubates at 60°C ± 2°C



Cat. No.	Description	Packaging	Shipping
3M™ Attest™ Auto-readers			
293	Auto-reader for Steam Large capacity 3M Attest Auto-reader For use with 3M Attest 1292-S Rapid Readout Biological Indicator 36 well capacity	1 unit/box	1 box/case
290	Auto-reader for Steam For use with 3M Attest 1292-S Rapid Readout Biological Indicator 12 well capacity	1 unit/box	1 box/case

Monitoring Products for Steam Sterilization

Conventional, Self-contained Biological Indicators for Steam

3M™ Attest™ Biological Indicators for Steam Sterilization

3M developed the first self-contained biological indicators to reduce contamination from improper transfer technique.

- Highly resistant, standardized population of *Geobacillus stearothermophilus* spores
- Conventional self-contained technology benefits:
 - Simplistic culturing
 - Minimizes false positives due to contamination
 - Cost-effective
- Routinely documented for incubation times of less than 7 days (typically 48 hours)
- Meets FDA classification as a biological indicator
- Complies with ISO and ANSI/AAMI/ISO 11138:2006, Parts 1 and 3



Cat. No.	Description	Packaging	Shipping
3M™ Attest™ Biological Indicator			
1262-S	Steam Biological Indicator (Brown cap)	300 each/box	2 box/case

3M™ Attest™ Biological Indicator Incubator

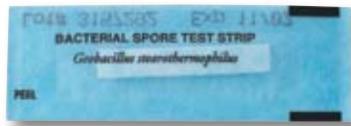
Attest Incubators provide optimal conditions for accurate readout of Attest 1262-S Biological Indicator for Steam

- Convenient 28 vial capacity visible from top
- Dry-block design pre-set to correct incubation temperature



Cat. No.	Description	Packaging	Shipping
Biological Indicator Incubator			
126	28-vial (2-tier) 56° C, 120 nominal	1 each/box	1 box/case
128	28-vial (2-tier) 56° C (steam) 220/240 volt	1 each/box	1 box/case

Spore Strips and Media



3M™ Attest™ Spore Strips and Culture Media for Steam

Spore strips for industrial sterilization applications

- Highly resistant, standardized population of *Geobacillus stearothermophilus* spores
- Packaged in peel-open glassine paper pouch
- Comply with ISO and ANSI/AAMI/ISO 11138:2006, Part 1

Culture Media

Tryptic Soy Broth (TSB) for use with 3M Attest Spore Strips for Steam

- Meets USP recommendation for soybean casein digest broth
- Meets NCCLS sterility and growth promotion guidelines

Cat. No.	Description	Packaging	Shipping
3M™ Attest™ Spore Strips for Steam			
1265-S	Biological indicator for Steam	100 each/box	4 boxes/case
Culture Media Test Kit			
1265-M	25 1265-S spore strips and 25 TSB media tubes/box	25 of each/box	1 box/case

Monitoring Products for Steam Sterilization

Electronic Test System (outside of US only and selected countries)

3M™ Electronic Test System for Steam Sterilizers

- Three component monitoring system
 - Sensing unit, data converter, comprehensive data analysis software
- Accurate, reliable, precise and independent data capture
- Fully automatic steam penetration test decision (Pass OR Fail)
- Simple to use and interpret
- Digital, paperless records, distributable over corporate networks



Cat. No.	Description	Packaging	Shipping
3M™ Electronic Test System for Steam Sterilizers			
4008	3M ETS Sensing Unit	1 each/box	1 box/case
4009	3M ETS Data Converter	1 each/box	1 box/case
4010	3M ETS Software	1 each/box	1 box/case

Monitoring Products for Steam Sterilization

Chemical Indicators



Class 5 Chemical Integrating Indicator for Steam

For use in parametric release processes when independent monitoring information is indicated.

- Indicates sterilization critical parameters have been met
- 1243 Moving front technology provides easy-to-read accept/reject results
- For use with suitable steam sterilization cycles
- Comply with ISO and ANSI/AAMI/ISO 11140:2005, Part 1

Cat. No.	Description	Packaging	Shipping
3M™ Comply™ (SteriGage™) Steam Chemical Integrating Indicators			
1243	Steam Chemical Integrator, 500 each/bag Class 5 chemical integrating indicator, moving front for gas mixture sterilizers, 5,1 cm x 1,9 cm (2" x 3/4")	500 each/bag/case	2 bags/case



3M™ Comply™ Steam Chemical Indicator Strip

Long Strip of chemical indicator ink printed on perforated-style strip. Color change from white to black/dark brown. This Class 4 multi-variable indicator reacts to two or more critical steam sterilization process variables.

1250	Steam Chemical Indicator Strip 1,5 cm x 20 cm (5/8" x 8")	240 each/box	1 box/case
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Process Indicator Label

Steam Sterilization Indicator Labels

Peel-off, pressure-sensitive labels for hard-surfaced items such as unwrapped glass or metal.

Cat. No.	Description	Packaging	Shipping
3M™ Comply™ Chemical Indicator Label			
Color changes from purple to green during steam sterilization.			
00160	Steam — For use in steam sterilizers 1,9 cm x 3,2 cm (3/4" x 1-1/4")	1000 labels/roll 1 roll/box	12 rolls/case
1222CH (Europe only)	Steam Chemical Indicator Label 100 mm x 25 mm process indicator labels applied to clear liner	500 labels/roll 1 roll/box	4 box/case

Indicator Tapes

Indicator Tape for Steam Sterilization

A reliable steam indicator tape that provides immediate identification of processed goods. The chemical indicator lines will turn dark when exposed to a steam sterilization process.

- Reliable adhesive adheres to packaging material
- 1255 uses high tack adhesive

Cat. No.	Description	Packaging	Shipping
3M™ Comply™ Indicator Tape for Steam Sterilization*			
1222-6N	1,9 cm x 55 m (3/4" x 60 yds.), Tan	—	24 rolls/case
1255-6N	1,9 cm x 55 m (3/4" x 60 yds.), Blue	—	24 rolls/case

*Contains Dry Natural Rubber



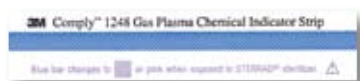
Indicator Tape Dispensers

Cat. No.	Description	Packaging	Shipping
C22 Heavy Duty Tape Dispenser			
The C22 heavy duty tape dispenser is made of rugged, high-impact, durable plastic. Capable of handling two rolls of 3/4-inch wide indicator tape.			
<ul style="list-style-type: none"> • Weighted base 			
C22	Heavy duty, holds 2 rolls	—	2 each/case



M920 Definite-length Tape Dispenser			
The M920 definite-length tape dispenser adjusts to dispense tape at a set length.			
<ul style="list-style-type: none"> • Set length up to 4 inches (10 cm) • Holds one indicator tape roll up to 1 inch (2.5 cm) in width 			
M920	Definite length	—	6 each/case

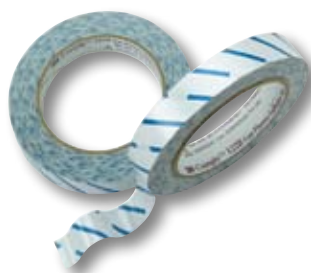
Chemical Indicators



Vapor Phase Hydrogen Peroxide Chemical Indicator

An internal pack chemical indicator for use in STERRAD® Sterilization Processes (Models 50, 100S, and 200) or other vapor phase hydrogen peroxide applications when validated by the user. Indicator changes from blue to pink when exposed to vapor hydrogen peroxide. Indicator color does not fade when exposed to light.

Cat. No.	Description	Packaging	Shipping
3M™ Comply™ Gas Plasma Chemical Indicator Strip			
1248	Comply Gas Plasma Chemical Indicator Strip, 2,0 cm x 10 cm (13/16" x 4")	250 each/box	4 boxes/case



Indicator Tape for Vapor Phase Hydrogen Peroxide Processes

A reliable Vapor Hydrogen Peroxide indicator tape that provides immediate identification of processed goods.

- The chemical indicator will turn from blue to pink when exposed to vapor hydrogen peroxide
- Suitable for use in clean room
- Reliable adhesive adheres to packaging material and other surfaces
- Backing is cellulose-free

Cat. No.	Description	Packaging	Shipping
3M™ Comply™ Gas Plasma Indicator Tape			
1228	1,9 cm x 55 m (3/4" x 60 yds.), White	—	24 rolls/case

Biological Indicators

3M™ Attest™ Spore Strips and Culture Media for Ethylene Oxide or Dry Heat

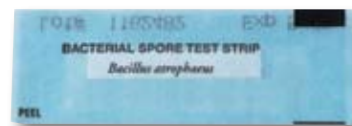
Spore strips for industrial sterilization applications

- Highly resistant, standardized population of *Bacillus atrophaeus* spores
- Packaged in peel-open glassine paper pouch

Culture Media

Tryptic Soy Broth (TSB) for use with 3M Attest Spore Strips for Dry Heat or EtO

- Meets USP recommendation for soybean casein digest broth
- Meets NCCLS sterility and growth promotion guidelines



Cat. No.	Description	Packaging	Shipping
3M™ Attest™ Spore Strips for EtO or Dry Heat			
1263-S	Biological indicator strip for EtO or Dry Heat	100 each/box	4 boxes/case
Culture Media Test Kit			
1263-M	25 1263-S spore strips and 100 TSB media tubes/box	25 of each/box	1 box/case

Chemical Indicators



Dry Heat Chemical Indicator

Class 4 multi-parameter chemical indicator for dry heat sterilization cycles. Indicator changes color from tan to black within 5 minutes at 170°C (340°F) during exposure to dry heat processing.

- Convenient size

Cat. No.	Description	Packaging	Shipping
3M™ Comply™ Dry Heat Chemical Indicator Strip			
00311	Dry Heat Chemical Indicator Strip 1,5 cm x 11 cm (5/8" x 4-1/4")	250 each/box	10 boxes/case



Sterilization Indicator Labels

Peel-off, pressure-sensitive labels for hard-surfaced items.

- Process indicator
- Easy to apply
- The indicator ink on the label turns from tan to black within 5 minutes at 170°C (340°F) to verify exposure during dry heat sterilization.

Cat. No.	Description	Packaging	Shipping
3M™ Comply™ Dry Heat Chemical Indicator Strip			
00170	Dry Heat — For use in dry heat sterilizers 170°C (340°F) or above 1,9 cm x 3,2 cm (3/4" x 1-1/4")	1000 labels/roll 1 roll/box	12 rolls/case

Packaging

Sterilization Packages

Cat. No.	Description	Packaging	Shipping
3M™ Steri-Lok™ Closure Tape			
1225	White flatback paper tape 2,5 cm x 55 m (1" x 60 yds.)	18 rolls/case	case
3M™ Steri-Lok™ Peel Open Packages for Ethylene Oxide (EtO) Sterilization (Film/Tyvek™ Component)			
8501	7,9 cm x 20 cm (3-1/8" x 7-7/8")	250 each/box	4 boxes/case
8502	7,9 cm x 24,8 cm (3-7/8" x 9-3/4")	250 each/box	4 boxes/case
8503	14,9 cm x 24,8 cm (5-7/8" x 9-3/4")	250 each/box	4 boxes/case
8504	7,9 cm x 61 cm (3-1/8" x 24")	250 each/box	4 boxes/case
8505	17,8 cm x 33 cm (7" x 13")	250 each/box	2 boxes/case
8506	29,8 cm x 38 cm (11-3/4" x 14-7/8")	250 each/box	2 boxes/case
8507	40 cm x 45,7 cm (15-3/4" x 18")	250 each/box	2 boxes/case
3M™ Steri-Lok™ Polyethylene Bags for Ethylene Oxide (EtO) Sterilization			
8250	8,3 cm x 14 cm (3-1/4" x 5-1/2")	100 each/pack	5 packs/case
8251	17,8 cm x 33 cm (7" x 13")	100 each/pack	5 packs/case
8252	22,9 cm x 43,2 cm (9" x 17")	100 each/pack	5 packs/case
8253	30,5 cm x 38 cm (12" x 15")	100 each/pack	5 packs/case
8254	38 cm x 58,4 cm (15" x 23")	100 each/pack	5 packs/case
8255	50,9 cm x 76 cm (20" x 30")	50 each/pack	5 packs/case
3M™ Steri-Lok™ Polyethylene Tubes for Ethylene Oxide (EtO) Sterilization			
8203	7,6 cm x 22,9 m (3" x 75 ft.)	1 each/box	4 boxes/case
8205	12,7 cm x 22,9 m (5" x 75 ft.)	1 each/box	4 boxes/case
8210	25,4 cm x 22,9 m (10" x 75 ft.)	1 each/box	4 boxes/case
8220	50,9 cm x 22,9 m (20" x 75 ft.)	1 each/box	4 boxes/case



Other Sterilization Monitoring Products



Cat. No.	Description	Packaging	Shipping
3M™ Attest™ Rapid Readout Biological Indicator Test Packs			
1296	Rapid Readout Test Pack for Steam <i>Test packs for steam sterilizers (Geobacillus stearothermophilus)</i> <i>Contains 3M Attest 1292 Rapid Readout Biological Indicator</i>	25 items/box	25 boxes/case
1298	Rapid Readout Test Pack for EtO <i>Test packs for ethylene oxide (Bacillus atrophaeus)</i> <i>Contains 3M Attest 1294 Rapid Readout Biological Indicator for EtO</i>	25 items/box	25 boxes/case
3M™ Attest™ Biological Indicator Test Packs			
1276	Test Pack for Steam – Cap color: blue <i>Test packs for steam sterilizers (Geobacillus stearothermophilus)</i> <i>Contains 3M Attest 1262 Steam Indicator</i>	25 items/case	—
1278	Test Pack for EtO – Cap color: green <i>Test packs for use with EtO sterilizers (Bacillus atrophaeus)</i>	25 items/case	—
3M™ Comply™ Thermalog™ Steam Chemical Integrators			
2134MM	Steam chemical integrator 3/4" x 4" <i>Steam integrators; 250°F/121°C and 270°F/132°C gravity and vacuum-assisted steam sterilization processes</i>	250 units/pack	8 packs/case
3M™ Comply™ Thermalog™ EtO Chemical Integrators			
2524MM	EtO chemical integrator 3/4" x 4" <i>EtO integrators; For use in EtO/HCFC gas mixture sterilization processes</i>	250 units/pack	8 packs/case
3M™ Comply™ Bowie-Dick™ Type Test Pack			
0130	Bowie-Dick Internal Steam Indicator Sheet	50 sheets/box	5 boxes/case
00135	Bowie-Dick Plus Test Pack with Early Warning Test Sheet	20 packs/box	4 boxes/case
1233	Bowie-Dick Test Pack	6 packs/bag	5 bags/case

Biological Indicators

International Standards Organization (ISO). ISO 11138 – 1. Sterilization of healthcare products: Biological Indicators – Part 1: General Requirements (2006)

International Standards Organization (ISO). ISO 11138 – 2. Sterilization of healthcare products: Biological Indicators – Part 2: Biological Indicators for ethylene oxide sterilization (2006)

International Standards Organization (ISO). ISO 11138 – 3. Sterilization of healthcare products: Biological Indicators – Part 3: Biological indicators for moist heat sterilization (2006)

International Standards Organization (ISO). ISO 11138 – 4. Sterilization of healthcare products: Biological Indicators – Part 4: Biological indicators for dry heat sterilization (2006)

International Standards Organization (ISO). ISO 14161. Sterilization of healthcare products: Biological Indicators – Guidance for the selection, use and interpretation of results. (2000)

Chemical Indicators

International Standards Organization (ISO). ISO 11140 – 1. Sterilization of healthcare products: Chemical Indicators – Part 1: General Requirements (2005)

International Standards Organization (ISO). ISO 15882. Sterilization of healthcare products: Chemical Indicators – Guidance for the selection, use and interpretation of results. (2003)

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