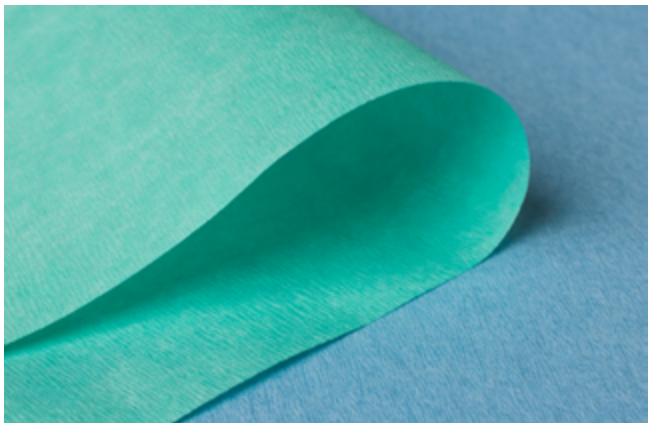
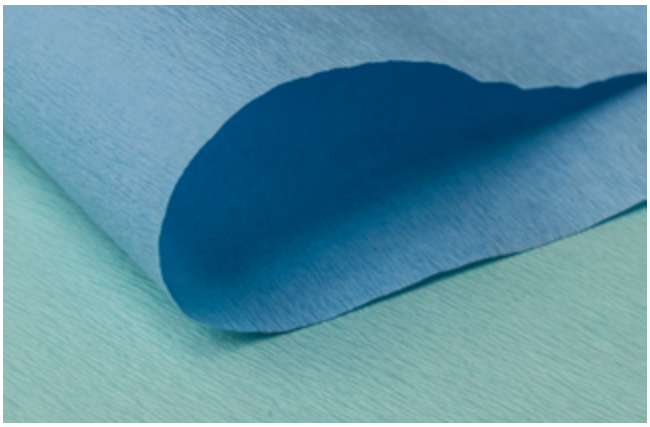
Product Data Sheet

Sterisheet® Sterilization Wraps – Sterisheet® 357 NW

Description

Sterisheet® sterilization wraps set a benchmark for sterile barrier systems, delivering unmatched protection for medical instruments in hospitals and clinics. Designed for use in Central Sterile Services Departments (CSSD), Sterisheet® NW (Non-Woven) offers superb combination of fluid repellency, drapeability, softness and strength.





Product Composition

Belongs to a family of wet laid nonwoven materials. The product is made of cellulose, reinforced with up to 30% synthetic fibers and 20% synthetic binders. The addition of synthetic binders and fibers to a cellulose-based substrate makes it the material of choice for the most demanding requirements in terms of product strength, barrier properties and fluid repellence.



Suitable for Sterilization Methods

- Steam
- EO
- Low temperature
- Formaldehyde (LTFS)

Application

Engineered for optimal performance, Sterisheet® 357 NW is designed for:

- Mid-size instrument trays
- Mid – to heavy duty packs
- Orthopedic sets
- Inner wrap for reusable containers

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Sizes Available

The following are sizes are available for all our customers' needs. Other sizes are also available upon request.

Blue	Green	Size (cm)	No. of Sheets /Box
0B36060	0C20060	60 x 60	500
0B36075	0C20075	75 x 75	250
0B36090	0C20090	90 x 90	250
0B36100	0C20100	100 x 100	250
0B36120	0C20120	120 x 120	100

Environmental Impact

STERIMED Infection Control is committed to the protection of the environment and the communities it belongs to.

Sterisheet® 357 NW – renewable content (50%) and low bulkiness ratio are the features that contributes to positive environmental scoring.

Disposal as per on local regulations after use.

Product Properties

We conduct routine internal testing of the mechanical and bacterial barrier properties of all our products to comply with regulatory requirements. In addition, we perform tests through external, accredited laboratories. This combination ensures that Sterimed achieves the highest performance standards for Sterisheet products.

Mechanical Properties

The mechanical properties of sterilization wraps refer to their physical strength characteristics that determine how the material behaves under different forces during handling, packaging, sterilization, transportation, and storage.

Any mechanical weaknesses will increase the risks of event-related ingression of microorganisms into the pack. Experience unmatched safety with our materials, thanks to superior mechanical properties. Sterimed guarantees exceptional strength and durability in every sheet.

Bacterial Properties

Sterilization wraps must prevent microorganisms' ingression inside the package. To reach this performance, different types of testing have to be performed on the products to reproduce both kinds of ingression vehicles possible:

- Airborne ingression
- Waterborne ingression

Properties	Typical
Basis Weight	57 g/m²
Thickness	250 µm
Hydrost Test	30 mBar
Tensile strength MD	2.5 kN/m
Tensile strength CD	1.0 kN/m
Elongation MD	10%
Elongation CD	8%
Burst	190 kPa
Tearing Strength MD	1 100 mN
Tearing Strength CD	1 550 mN

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Key Product Features

- Exceptional Barrier Performance Wet Laid Non-Woven wraps offer high microbial barrier protection, preventing bacteria and contaminants from reaching sterile medical instruments
- It provides excellent resistance to air and water penetration, improving sterility maintenance
- Strength and tear resistance improved by using synthetic fibres and binders
- The material has a soft touch and drapes very well, allowing healthcare workers to securely wrap and handle instruments

Compliance to Standards

Sterimed products range is classified as a Class I Medical Device according to the European Medical Regulation (MDR 2017/745/EU). Its CE marking illustrates the relevant compliance.

Steriweb SMS products conform with the standards below:

- EN ISO 11607-1
- EN 868-2

Our Wraps Manufacturing Certification

- ISO 13485 standard
- Made in Europe

Packaging Prior to Use

- **Primary Transport Packaging:** Transparent polyethylene bag with quick product ID
- **Secondary Transport Packaging:** Natural brown color cardboard box providing transportation stress resistance

Recommendations

Storage Conditions

Cool, dry location away from direct exposure to natural light, strong artificial light and UV sources.

Before Use

Holding packaging materials at room temperature (20°C to 23°C) and at a relative humidity ranging from 30% to 60% for a minimum of 2 hours is good practice for optimum use performances.

Use By Date

5 years from the manufacturing date.

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