





We specialise in providing solutions and products that improve the productivity and effectiveness in the CSSD, Operating Theatre & Endoscopy Unit.

From expert advice on new theatre or CSSD designs to providing the latest digital operating theatre and instrument tracking technology, we have the products and experience to offer meaningful value to our customers.



Process Improvement



Track, Trace & Asset Management



Digital Theatre Systems



CSSD & Operating Theatre Design Advice



Online & Classroom Based Education



CSSD & Operating Theatre Design Advice



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## Introduction

Creating and maintaining a sterile field in any theatre is of paramount importance and it all begins in the Central Sterilization Service Department (CSSD). Being able to select the most appropriate Sterile Barrier System (SBS) for use plays a key role in infection prevention and patient safety.

Manufactured from 100% cellulose, cellulose + synthetic and 100% synthetic fibres, SafMed's single use Reliance\* sterilization wrap range provides physical protection, maintains sterility up to the point of use and allows aseptic presentation enabling our customers to select the most appropriate Sterile Barrier System to meet their requirements.

## Our Wrap Materials



**CREPE PAPER**  
*cellulose fibers*



**WETLAID NONWOVENS**  
*cellulose + synthetic fibers*



**SMS**  
*synthetic fibers*

## Barrier Protection

The key to the barrier protection of the SafMed Reliance SMMMS is the three meltblown 'M' layers which create a tortuous path providing a high barrier. This results in a consistent fluid and bacteriological barrier to maintain sterility. The Spunbond 'S' layers provide the exceptional strength of the wrap to be tear, burst and abrasion resistant.

## Registrations and declarations

Manufactured to comply with SANS 11607-1, SANS 50868-2, EN 868-2 & DIN 58953-6.

## Additional information

### Latex free

All our products are latex free - including synthetic latex materials or natural rubber materials containing any of the proteins linked to Types I & IV latex allergies.

## Traceability

Our production system ensures complete traceability of products via a LOT number printed on each delivered box, providing information relating to the production cycle. All data needed for effective tracking of a single box and identification is contained within the bar code on the external packaging.

## Third party certifications

All our products received certification of compliance from:



## Reliance 310 Sensitive - Crepe Paper

SafMed Reliance crepe paper is made with more than 97% of cellulosic fibers and wet strength and sizing agents.

Cellulosic fibers create a tortuous path for excellent sterility maintenance and bacterial barrier. Excellent bacterial barrier. Compatible with sterilization by steam, EO and formaldehyde. Liquid Repellent. Cost effective. Softest grade of crepe paper available. Reliance 310 Sensitive is intended for single use applications and be considered as a Medical Device Class 1 Accessory wrapping fabric. Can be used as an inner and outer wrap for trays and packs. Manufactured to comply with ISO 11607 and EN 868.



Size (mm)	Pack Size
600 x 600	100
900 x 900	100
900 x 1200	100
900 x 1300	100
900 x 1400	100
900 x 1500	100
1000 x 1400	100
1000 x 1700	100
1200 x 1200	100
1200 x 1400	100
1200 x 1700	100

\*\*Limited sizes available as a standard crepe in blue, white, or green.



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## Reliance 340 - Wetlaid Non-Woven

SafMed Reliance Wetlaid Nonwovens are made with 70% cellulose, 20% synthetic binder and 10% PET fibers.

Cellulosic fibers create a tortuous path for excellent sterility maintenance when synthetic binders and PET fibers bring more strength and softness to the product.

Excellent bacterial barrier. High strength and tear resistant. Fluid repellent including low surface tension liquids. Compatible with sterilization by steam, EO and formaldehyde. Very soft with excellent drapability.

Reliance 340 is intended for single use applications and be considered as a Medical Device Class 1 Accessory wrapping fabric. Can be used as inner and outer wrap for large and heavy-duty packs. Manufactured to comply with ISO 11607-:2006 and EN 868-2:2009



### Size (mm) Pack Size

Size (mm)	Pack Size
600 x 600	100
900 x 900	100
900 x 1200	100
900 x 1500	100
1200 x 1200	100
1200 x 1400	100
1200 x 1700	100



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## Reliance 440 - SMMMS Sterile Wrap Product

SafMed Reliance 440 SMS is 100% polypropylene and treated to resist static charge build-up. It does not contain natural fibers (cellulose) or synthetic binder.

Reliance 440 is intended for single use applications and be considered as a Medical Device Class 1 Accessory wrapping fabric. It could be used as an inner or as an external layer. Compatible with steam (121-134C), Ethylene Oxide, low temperature formaldehyde and Vapour Hydrogen Peroxide Gas PLASMA sterilization methods.



Size (mm)	Pack Size
580 x 600	100
880 x 900	100
880 x 1200	100
880 x 1500	100
1160 x 1200	100
1160 x 1400	100
1160 x 1700	100



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## Reliance Tandem 1 - Interleaved Sequential Wrap

Designed for sequential wrapping, Reliance Tandem 1 maximizes the tortuous path in order to prevent ingress of micro-organisms and to facilitate aseptic presentation. Sequential wrapping enables the use of different wrapping techniques for each layer. This will improve the effectiveness of the tortuous path since more folds are produced, thereby preventing the ingress of micro-organisms

A sequentially wrapped pack can be opened aseptically because the circulating nurse in the Operating Theatre can open the outer wrapper, in order to expose the sterile item inside, without reaching over or touching it. The scrub nurse can then open the inner wrapper and remove the sterile device for use on the patient, without having to touch the contaminated outside layer of the pack. Reliance Tandem 1 is intended for single use applications and be considered as a Medical Device Class 1 Accessory wrapping fabric.



Size (mm)	Pack Size
580 x 600	50 x 2
880 x 900	50 x 2
880 x 1200	50 x 2
880 x 1500	50 x 2
1160 x 1200	50 x 2
1160 x 1400	50 x 2
1160 x 1700	50 x 2



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## Reliance Tandem 2 - Interleaved Sequential Wrap

SafMed's Reliance Tandem 2 is a combination of two interleaved SMMMS sheets of nonwoven Reliance 435 Green (inner layer) and Reliance 435 Blue (outer layer), providing a superior sterile barrier system.

Both nonwovens deliver the barrier protection and sterilant permeability required for optimal sterilization of medical devices

SafMeds Reliance Tandem 2 is effectively lint and memory-free and is soft and strong. Reliance Tandem 2 is intended for single use applications and be considered as a Medical Device Class 1 Accessory wrapping fabric.



Size (mm)	Pack Size
580 x 600	50 x 2
880 x 900	50 x 2
880 x 1200	50 x 2
880 x 1500	50 x 2
1160 x 1200	50 x 2
1160 x 1400	50 x 2
1160 x 1700	50 x 2



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# ABOUT SafMed

- B-BBEE Level 2 Contributor
- ISO 13485 Accredited
- Member of SAMED
- Medical Device Licence Numbers:
  - Cape Town - 00000243MD (Manufacture/Distribute)
  - Johannesburg - 00000227MD (Manufacture/Distribute)
  - Cape Town - 0000680MD (Wholesale)
  - Johannesburg - 00000643MD (Wholesale)



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