

# Instructions for use

# Product description

Reliance® Tandem 1 is made up of two interleaved layers (one green and one blue) which is a combination of spunmelt and wetlaid nonwoven technologies, combined together to give a superior sterile barrier system. Both nonwovens deliver the barrier protection and sterilant permeability required for optimal sterilization of medical devices.

Reliance® Tandem 1 is effectively lint and memory-free and is soft and strong. It is compatible with steam, ethylene oxide and low temperature steam formaldehyde sterilization processes

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

## Sheet & Pack Sizes

PACK SIZES		
DESCRIPTION	SHEET SIZE (mm)	NO. OF SHEETS/PACK
Reliance Tandem 1	580 x 600	50 x 2
Reliance Tandem 1	880 x 900	50 x 2
Reliance Tandem 1	880 x 1200	50 x 2
Reliance Tandem 1	880 x 1500	50 x 2
Reliance Tandem 1	1160 x 1200	50 x 2
Reliance Tandem 1	1160 x 1400	50 x 2
Reliance Tandem 1	1160 x 1700	50 x 2

# Indications for use

Reliance<sup>®</sup> Tandem 1 sterilization wrap is intended to be used to enclose medical devices that are to be sterilised by a healthcare provider by Steam at 121°C to 134°C, formaldehyde and ethylene oxide (EtO).

#### — DO NOT USE:

- If damage or a foreign particle is detected prior to use
- If torn or wet
- If there is any sign of potential contamination
- **DO NOT USE** wrap for the following sterilization methods:
  - Dry heat
  - Radiation such as Gamma, Plasma, E-Beam or other radiation methods
  - Vapor Hydrogen Peroxide GAS PLASMA

### Precautions

- DO NOT:
  - Open case or packaging with a sharp knife because the knife could cut the wrap

## Storage prior to use

- Clean
- Dust free
- Use FIFU first in, first out (stock Rotation)

### Prior to use

- Examine wrap and DO NOT USE if damage or a foreign particle is detected prior to use
- Items to be wrapped must be thoroughly clean and dry

## Direction for use

Wrap your devices and packs using a wrapping method in line with your country and institution guidelines. When using individual sheets of sterile barrier material a sequential technique can be used. Wrapping methods include the envelope, parallel, square and Pasteur folds (ISO 16775:2014). Depicted below is an example of the sequential square/parallel fold that can be used with this product. In the case of Tandem 1 or Tandem 2 the green or blue layer can be used as the inner or outer wrap.

## STANDARD OPERATING PROCEDURE HOW TO WRAP AN INSTRUMENT SET OR PACK





### STEP ONE

Select the correct size wrap for the instrument tray/ pack to be wrapped Lay two layers of wrap length ways Place the tray in the centre of the wrap Fold the first side to cover the entire tray

#### STEP TWO

Fold back the first wrap to create a cuff ensuring the tray is still covered





# STEP THREE

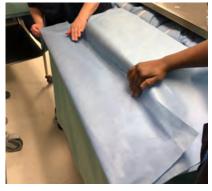
Fold the opposite side over the set, create the cuff to end in the centre

#### **STEP FOUR**

Fold both ends of the wrap to create a V Repeat for the second layer of wrap Wrap the set firmly but no too tight Secure the wrap with an adequate length of masking tape Apply autoclave tape Do not write directly onto wrap Label pack according to hospital policy

# Depicted below is the modified sequential square/parallel that can also be used with this product









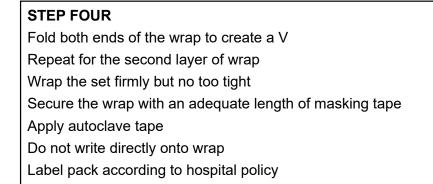
### STEP ONE

Select the correct size wrap for the instrument tray/ pack to be wrapped Lay two layers off wrap length ways Place the tray of centre of the wrap to create extra length Fold the first side to cover the entire tray

#### **STEP TWO**

Pick up the opposite (long) side and fold back to the level of the tray

# **STEP THREE** Pick up the opposite (long) side and fold back to the level of the tray



### Wrap Model Recommendations

Reliance <sup>®</sup> sterilization wrap models	Intended loads
Tandem 2	Light to moderate weight package
Tandem 1	Moderate to heavy weight package
Reliance 440	Moderate to heavy weight package
Tandem 340 Non-Woven Green	Moderate to heavy weight package
Reliance 310 Sensitive	Light to moderate weight package

# Post-sterilization cooling/unloading

- Sterilised packs should be left until cool to avoid compromising packaging sterility
- Important to visually check wrapped items and DO NOT USE if they are torn, wet or compressed

# Sterility maintenance

The shelf life of facility-sterilized items is event-related and should be based on:

- The quality of the packaging material
- The storage conditions
- The methods and conditions of transport
- How often they where handled

Important Note: Stacking trays can result in damage to the wrap caused by pressure from the weight.

# Opening

- DO NOT USE wrap:
- If damage or a foreign partial is detected prior to use
- If form or wet
- If there is any sign of potential contamination prior to or after opening

Important Note: Open packages aseptically in accordance with the healthcare facilities policy

### IMPORTANT: This is a single use product. Discard as per healthcare facility policies and procedures. DO NOT re-use.



Johannesburg Office: Durban Office: Tel: 011 201 4300 Tel: 082 464 3832

Cape Town Office: Tel: 021 763 3280 Fax: 011 507 5550 Fax: 031 561 5138 Fax: 021 762 2760 E-mail: info@safmed.co.za Website: www.safmed.co.za www.facebook.com/Safmed.SA/ Twitter: @SafMedSA