



*Your solutions partner for* **30 YEARS**

Reliance<sup>®</sup> 440

# Instructions for use

## Product description

Produced on the latest technology platform, Reliance 440 presents the highest Bacteriological and fluid barriers in the SMMMS technology type. High mechanical characteristics, especially tear and burst resistant, combined with being antistatic treatment, low memory and lint free makes Reliance 440 one of the safest protective wraps. Reliance 440 is intended for single use applications. 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 440	580 x 600	100
Reliance 440	880 x 900	100
Reliance 440	880 x 1200	100
Reliance 440	880 x 1500	100
Reliance 440	1160 x 1200	100
Reliance 440	1160 x 1400	100
Reliance 440	1160 x 1700	100

## Indications for use

Reliance® 440 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, Ethylene Oxide (ETO), Formaldehyde and Vapor Hydrogen Peroxide GAS PLASMA.

- **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

## 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



**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

## Wrap Model Recommendations

Reliance® 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 were 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 particle is detected prior to use
- If torn 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.**