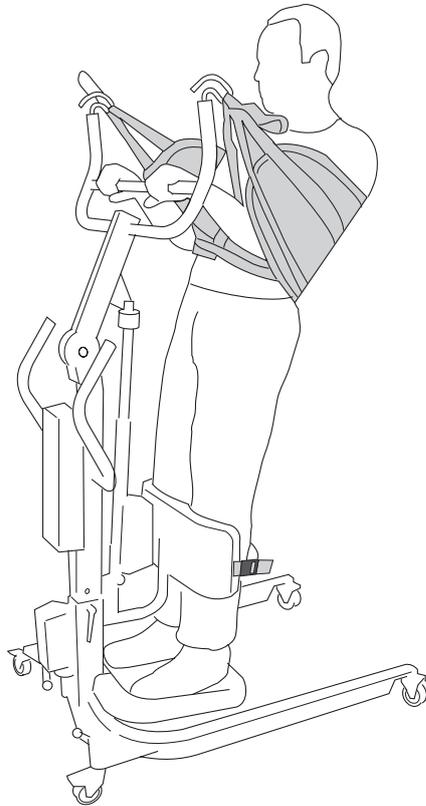


# Liko™ ComfortVest™ Mod. 95



## Instructions for Use



### Product Description

The ComfortVest is designed to support behind the patient's back and outside of the arms. The inner surface of the vest is covered with material which helps prevent the vest from sliding up on the body.

The Liko ComfortVest is available in different sizes.

A waist belt is sewn to the vest to help keep the vest in place. This safety feature also helps avoid the risk of a patient sliding out of the sit-to-stand vest. You must use a combination of two loops on each hook when attaching the vest to the lift.

The ComfortVest should be used with the Sabina™ sit-to-stand lift with Comfort SlingBar (600 mm / 23.6 inch. wide).

*In this document, the person being lifted is referred to as the patient, and the person helping is referred to as the caregiver.*

#### **IMPORTANT!**

Lifting and transferring a patient always involves a certain level of risk. Read the instructions for use for both the patient lift and lifting accessories before use. It is important to completely understand the contents of the instructions for use. The equipment should only be used by trained personnel. Ensure that the lifting accessories are suitable for the lift used. Exercise care and caution during use. As a caregiver, you are always responsible for the patient's safety. You must be aware of the patient's ability to make it through the lifting situation. If something is unclear, contact the manufacturer or supplier. .

# Symbol Description

These symbols can be found in this document and/or on the product.

Symbol	Description
	Warning; this situation requires extra care and attention.
	Read instructions for use before use
	CE mark
	Legal manufacturer
	Date of manufacturing
	Product Identifier
	Serial Number
	Medical device
	Do not dry clean
	Do not iron
	Tumble drying
	Do not tumble dry
	Washing Symbol is always in combination with recommended temperature in °C and °F.
	Latex Free
	Periodic inspection
	Do not bleach
	Line drying in shade
	Direction upwards and symbol on outside of equipment.
	Symbol on outside of equipment.
 <p>(01) 0100887761997127 (11) YYMMDD (21) 012345678910</p>	GS1 Data Matrix Barcode that may contain following information. (01) Global Trade Item Number (11) Production Date (21) Serial Number

# Safety Instructions

## Before lifting, keep the following points in mind:

- A responsible person within your organization should decide on a case-by-case basis whether one or more caregivers are needed.
- Ensure that the sling selected meets the patient's needs with reference to model, size, fabric and design.
- Plan the lifting operation so that it can be done as safely and smoothly as possible.
- Although the Liko sling bars are equipped with latches, special caution must be exercised. Before the patient is lifted from the underlying surface, but when the straps are fully extended, make sure the straps are correctly connected to the sling bar hooks.
- The height to which the lift should proceed varies from person to person.
- Never leave a patient unattended during a lifting situation.
- Make sure the wheels on the bed, gurney, etc. are locked during the lifting/transfer operation.
- Always work ergonomically. Use the patient's ability to actively participate in the operations.

## Incorrect attachment of sling to slingbar may cause severe injury to the patient.

 Medical Device Class I Product

### Product Changes

Liko's products undergo continuous development, which is why we reserve the right to make product changes without prior notice. Contact your Hill-Rom representative for advice and information about product upgrades.

### Design and Quality by Liko in Sweden

Liko is quality certified according to ISO 9001 and its equivalence for the medical device industry, ISO 13485. Liko is also certified according to environmental standard ISO 14001.

### Notice to Users and/or Patients in EU

Any serious incident that has occurred in relation to the device, should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

## Care and Maintenance

Check the sling before each use. Check the following points with regard to wear and damage:

- Fabric
- Straps
- Seams
- Loops

### Do not use damaged lifting accessories.

If anything is unclear, please contact the manufacturer or supplier.

**Washing instructions:** See the sling's product label and the attached appendix "Care and Maintenance of Liko Slings".

### Periodic Inspection

The product must be inspected at least once every 6 months. More frequent inspections might be required if the product is used or washed more often than normal. For protocols please contact your Hill-Rom representative.

### Expected Life Time

The product has an expected life time of 1-5 years with normal use. Expected life time varies depending on the fabric, use frequency, washing procedure, and weight carried.

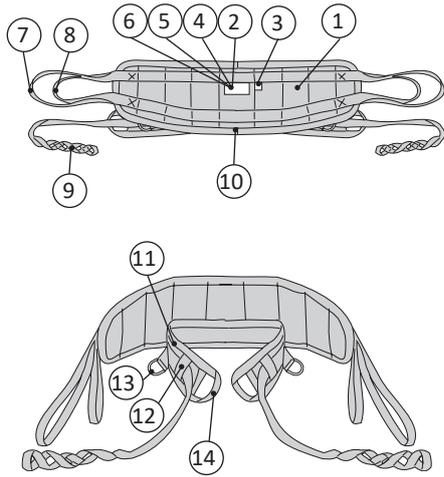
### Recycling Instructions

The entire sling, including laths, padding material, etc. should be sorted as Combustible waste.

Hill-Rom evaluates and provides guidance to its users on the safe handling and disposal of its devices to aid in the prevention of injury, including, but not limited to: cuts, punctures of the skin, abrasions, and any required cleaning and disinfection of the medical device after use and prior to its disposal. Customers should adhere to all federal, state, regional, and/or local laws and regulations as it pertains to the safe disposal of medical devices and accessories.

If in doubt, the user of the device shall first contact Hill-Rom Technical Support for guidance on safe disposal protocols.

# Definitions

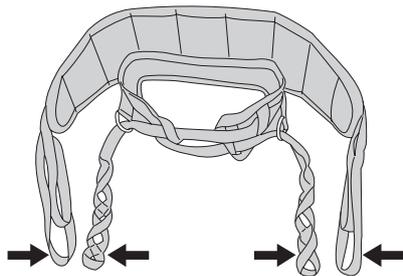


1. Outer vest
2. Serial number
3. Size label (color)
4. Product label
5. Label:  
Periodic Inspection
6. Label:  
Individual marking (Belongs to)
7. Outer strap
8. Inner strap
9. Loop strap
10. Lower edge
11. Waist belt
12. Inner strap guide
13. D-ring
14. Outer strap guide

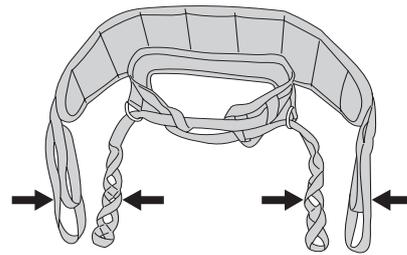
## Description: Using the Straps

### A: Outer vest straps

For maximum flexibility, the outer vest is equipped with two sets of straps, i.e., the outer straps and the inner straps. Generally, you would use the inner straps to help the patient achieve a maximum upright stance. The outer straps are needed when a patient's girth requires it, or if a patient is short in relation to the height of the slingbar hooks on a Sabina™ sit-to-stand lift. In cases where you use the inner straps we recommend that you also hook the outer straps to the lift to have better visual control of the straps.



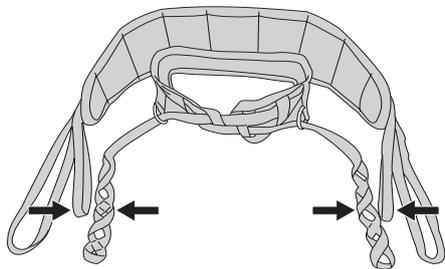
A:1 When you attach the outer straps (outer vest), the distance between the patient and the lift is greater, and the patient is not lifted as high.



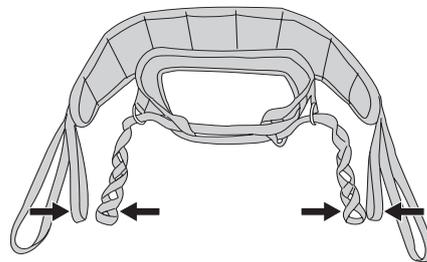
A:2 When you attach the inner straps (outer vest) there is less distance between the patient and the lift, and the patient is lifted higher.

### B: Loop straps

The loop straps are used to adjust the fit of the vest around the upper body, depending on which of the loops you attach to the Sabina hooks. The straps can be lengthened with Liko Extension Loops in case they are too short for a patient.



B:1 Use the inner loops for a tighter fit.

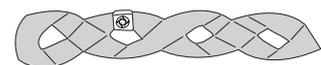


B:2 Use the outer loops for a looser fit.

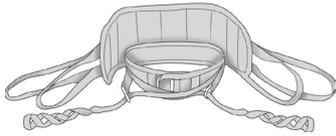
During a sit-to-stand lift, the vest will tighten around the body only as long as the outer vest's straps are slack. As tension increases on the outer vest's straps, it takes tension off of the loop straps so the waist belt does not tighten further.

### Loop Clips

This practical accessory is used to mark the loops that have been tried out for a certain person. It makes it easier for the caregiver to choose the right loop to attach to the slingbar.



## Fitting the ComfortVest



### Alt A: For very thin patients.

Remove the loop straps from the inner strap guides before threading them through the metal D-rings. This creates the tightest fit.



### Alt B: Average patients.

Remove only one of the loop straps from an inner strap guide. Then cross the loop straps and thread them through the metal D-rings.

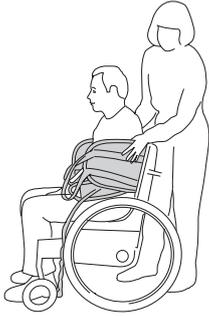


### Alt C: For large patients.

Thread the loop straps through both the inner and both outer strap guides before threading them through the metal D-rings.

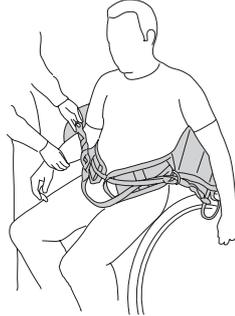
## Active standup lifting with Sabina™ sit-to-stand lift and Liko ComfortVest™

1.



1. Slide the ComfortVest down behind the patient to waist level. The lower edge of the waist belt should be farthest down and placed closest to the body with the patient's arms between the vest and the waist belt.

2.



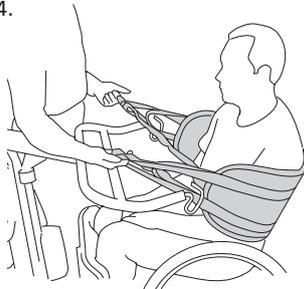
2. Cross the loop straps and thread them through the D-rings on the opposite sides. See description above for different fitting alternatives.

3.



3. Pull on the loop straps to check that the belt tightens. If the waist belt does not tighten sufficiently, change the threading of the loop straps.

4.



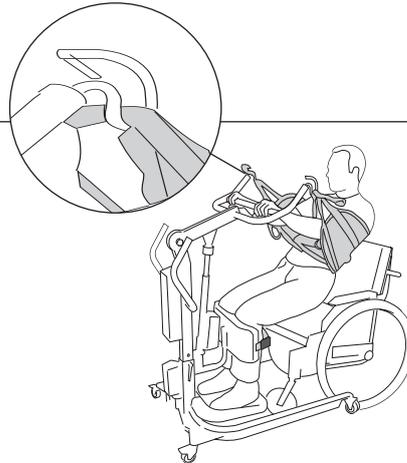
4. Determine which of the straps (outer or inner) should be hooked to the lift by pulling diagonally upward and outward on the outer vest straps and the loop straps simultaneously. See diagram of straps on page 4, B: Loop straps.

Fit the belt around the abdomen by using a configuration which keeps equal tension on the outer vest's straps and the loop straps as they tighten while the patient stands.

Put Sabina sit-to-stand lift in place and adjust the width of the base. Place the patient's feet centered on the foot rest. The lower legs (below the knees) should be parallel to the lower leg pad on the lift. Adjust the horizontal and vertical position of the pad if necessary. Attach and tighten the strap around the lower legs.

Now it is time to attach the loop straps and outer vest's straps to the hooks on the lift (using the loops you selected according to the instruction above).

5.



5. Standing. Maneuver the lift by pressing on the up and down buttons of the hand control (two speeds possible). The patient can actively participate by holding the crossbar and pulling himself/herself up.

**Hint!** We recommend that patients lean back with their upper body during lifting to compensate for weak muscles in the lower body. This helps patients stand, enhances comfort, and prevents the vest from sliding upward.

6.



6. The height a patient is lifted should be determined from case to case. Regulating the maximum standup height can be done by:

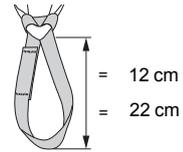
- Adjusting the Sabina sit-to-stand lift base for the lifting height. See the instruction for use for your Sabina sit-to-stand lift.
- Selecting between the inner or the outer straps on the outer vest. See page 4, A: Outer vest straps.

## Accessories for the Liko ComfortVest

### Extension Loop

Extension Loop, green, 12 cm (5 in)  
 Extension Loop, green 22 cm (9 in)  
 Extension Loop, grey, 12 cm (5 in)  
 Extension Loop, grey, 22 cm (9 in)

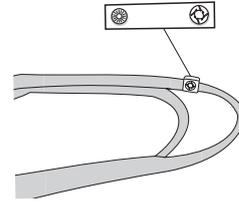
Prod. No. 3691102  
 Prod. No. 3691103  
 Prod. No. 3691302  
 Prod. No. 3691303



### Loop Clips

Loop Clips, red, 4 pcs  
 Loop Clips, orange, 4 pcs  
 Loop Clips, yellow, 4 pcs  
 Loop Clips, blue, 4 pcs  
 Loop Clips, black, 4 pcs

Prod. No. 3666033  
 Prod. No. 3666034  
 Prod. No. 3666035  
 Prod. No. 3666036  
 Prod. No. 3666037



## Overview Liko™ ComfortVest™ Mod. 95

Product	Prod. No.	Size	Material	Patient's Weight <sup>1</sup>	Max load <sup>2</sup>
Liko ComfortVest	3595414	S Small	Polyester, Plastic coated net	< 60 kg (<130 lbs)	200 kg (440 lbs)
Liko ComfortVest	3595415	M Medium	Polyester, Plastic coated net	50-80 kg (110-175 lbs)	200 kg (440 lbs)
Liko ComfortVest	3595416	L Large	Polyester, Plastic coated net	70-100 kg (155-240 lbs)	200 kg (440 lbs)
Liko ComfortVest	3595417	XL Extra Large	Polyester, Plastic coated net	> 100 kg (> 220 lbs)	200 kg (440 lbs)

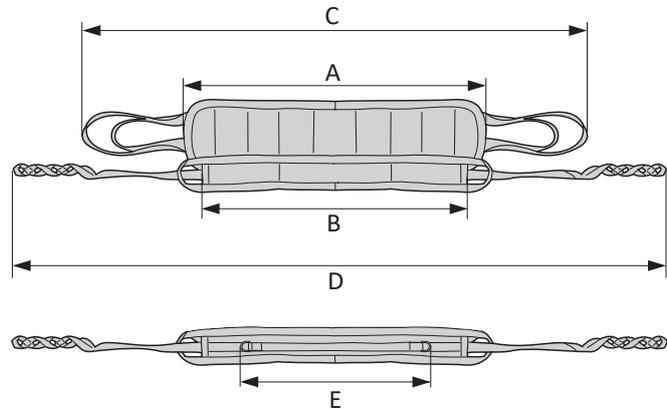
<sup>1</sup> The indicated patient weight is a guideline only – there may be deviations.

<sup>2</sup> To maintain maximum load, lift/accessories intended for the same load or more are required.

Measures (cm)	A	B	C	D	E
Small	90	80	155	220	55
Medium	90	80	155	220	70
Large	110	105	180	240	85
Extra Large	110	120	180	240	100

Measures (in.)	A	B	C	D	E
Small	35	31	61	87	22
Medium	35	31	61	87	28
Large	43	41	71	94	34
Extra Large	43	47	71	94	40

The measures given are approximate guides - deviations may occur.



### Combinations

The ComfortVest is intended for use only with Liko Sabina™ sit-to-stand lifts. We recommend Sabina with Comfort SlingBar (600 mm / 23.6 inch. wide).

Combinations of accessories/products other than those recommended by Liko can result in risks for the safety of the patient.



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Enhancing outcomes for patients and their caregivers:

