



SLING MANUAL 2006



Model 3624



Model 700

Sling Model 3624

IMPORTANT

Sling **MUST** be dated prior to being put into service. Follow instructions on sling label.

Prior to each sling use, conduct a thorough visual inspection by laying the sling out on a flat surface, to allow for complete visibility. Check for the following during inspection of the sling material:

- ! Thoroughly inspect for any wear, discoloration, abrasions, holes, cuts or frays.
- ! Thoroughly inspect stitched areas for broken, worn, pulled, or unraveled stitches.
- ! Thoroughly inspect for heat or bleach damage by noticing any color changes, brittle or puckered spots on the material.

Check for any sign of wear or defects on the sling straps, for example:

- ! Thoroughly inspect the sling straps for loose or frayed threads in any stitched area.
- ! While twisting loops and straps, thoroughly inspect the sling straps for noticeable discoloration or fatigue.
- ! Thoroughly inspect the sling straps for wear on all sides.

For safety reasons, if any of the above deviations are identified during inspection, use of the Model 3624 Sling must be discontinued and the sling discarded.

We strongly recommend that each sling be patient-specific and should be discarded after use with each patient. Should you choose to disregard this recommendation, it is imperative that sling integrity be verified prior to each use.

Model 3624 Sling **must** be discarded no later than two (2) years after it is put into service, regardless of inspection results.

Laundering Procedures for Sling Model 3624

Please distribute one copy of this procedure to:

1. File
2. Nurse Manager in each department using slings
3. Laundry Department

While staining may occur through normal patient usage, some stains indicate improper laundering, and may require user to discard the sling. Therefore, laundry staff and services must pay close attention to the laundering specifications to avoid directly impacting sling life.

CAUTION: DO NOT USE BLEACH!!

(OR PRODUCTS WITH BLEACH ADDITIVES!)

Hand or machine wash (gentle cycle) in mild soap solution at a maximum temperature of 80 degrees Celcius/176 degrees Fahrenheit. Rinse thoroughly and air dry. Do not dry clean. Wash slings separately from other items.

IMPORTANT

Sling must be visually inspected on a regular basis. Check for rips, tears, puckering, fraying and unraveling of any stitching. Should any of these conditions be observed, immediately remove sling from service and have it inspected by the manufacturer. **ALL REPAIRS MUST BE PERFORMED BY THE MANUFACTURER. MILLENNIUM MEDICAL PRODUCTS, INC. HEREBY WAIVES ALL LIABILITY SHOULD UNAUTHORIZED MODIFICAITONS OR REPAIRS BE PERFORMED.**

WARNING!!!

PROBLEMS CAUSED BY *INCORRECT LAUNDERING* OF MODEL 3624 SLING

1. Foam padding shrinks - *Washing or drying temperature too high.*
2. Fabric shrinks - *Washing or drying temperature too high.*
3. Webbing breaking down - *Incorrect washing agent used.*
 - *Bleach used.*
 - *Drying temperature too high.*

Please note: Incorrect laundering procedures void sling warranty. Please ensure the washing instructions are followed correctly. If above noted problems occur, contact your laundry department and nursing supervisor to establish immediate corrective action. Immediately remove any damaged slings from service. Improperly laundered slings can cause serious injury or death.

Warranty for Sling Model 3624

Millennium Medical Products, Inc. warrants that all slings are free from defects in materials and workmanship for a period of six months from the date of purchase.

This sling is manufactured to a very high tolerance and has been inspected prior to shipment. Due to the large variation in sling use and laundering techniques from facility to facility, Millennium Medical Products, Inc. is unable to guarantee the integrity of the sling under all operating conditions. Purchaser hereby accepts full responsibility for verifying the integrity of the sling prior to each and every use.

Construction: 100% polyester/nylon

Application Instructions for Sling Model 3624

General

Although LIFTEM is designed to be operated by a single caregiver, Millennium Medical Products, Inc. recommends that at least two caregivers be present in order to facilitate a safe patient lift and transfer.

When choosing a patient sling, factors including patient height, weight, body dimension (torso width, leg width) and medical condition must be considered. Whenever there is any question about appropriate sling size and style, consult a physician or medical professional.

The following procedure explains the application of the LIFTEM Model 3624 Sling when lifting and transferring a patient between the supine (on the back or face up) position and a wheelchair or commode, or transferring a patient between a wheelchair and a commode. The person performing the lift **MUST** be familiar with the safe operation and use of LIFTEM prior to lifting a patient.

Patient is Lying Down

1. Raise the bed rail on opposite side of bed (if applicable).
2. Log-roll the patient away from you onto his/her side.
3. Lay the sling, handles down, behind the patient and roll the sling in half (Figure 1).
4. Align the bottom of the sling even with the patient's tailbone.
5. Lay the patient flat again, then roll them toward you and proceed to pull the sling material that you had previously rolled up, through to the other side.
6. Lift the patient's legs, one at a time and pull the leg straps through and over the legs.

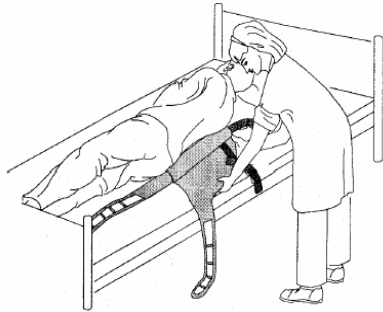


Figure 1 - Positioning the Sling for Patient in Bed

Patient in Sitting Position

1. If lifting from a wheelchair, apply brakes on chair. Lean the patient forward, enough to slide the sling, with handles on the outside, down behind the patient's back, to seat level (Figure 2).
2. Ensure the sling is centered both bottom and top (use middle stabilizing handle as a reference point) and rest patient back in seat.
3. From the front of the patient, tug both leg straps forward to ensure tautness and centering (both leg straps should extend out the same length).
4. Lift one leg and pull that strap under, then between legs and over the same leg. Repeat with other side.
5. If legs are in scissored position cross each strap underneath both legs to form a "cradle" effect.



Figure 2 - Positioning the Sling Behind a Seated Patient

CAUTION: NEVER PUSH OR PULL SLING WHEN POSITIONING THE PATIENT!!!

Attaching Sling Model 3624 to the LIFTING BAR

General Information

Decide in what position the patient should be in when lifted.

To lift the patient in a seated position, use a shorter set of loops at the shoulders and a longer set of loops at the legs. This places the patient's head higher than his/her legs.

To lift in a reclined position use a longer set of loops at the shoulders and a shorter set of loops at the legs.

This will allow the patient's head to be level with his/her legs.

Attach the back loops to the hanger by slipping the right back loop over the right back hook and the left back loop over the left back hook.

NOTE: Left and right refer to the patient's left and right.

Configuring the Sling for Normal Use

1. Run the right leg strap under the patient's right leg and attach to the left front hook. (Figure 3) **Note: For commode use attach the right leg strap to the right front hook.**

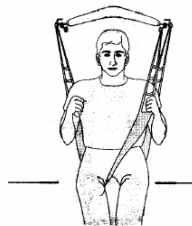


Figure 3 - Configuring the Sling - Step 1

2. Run the left leg strap under the patient's left leg and attach to the right front hook (Figure 4).

NOTE: For commode use attach the left leg strap to the left front hook.

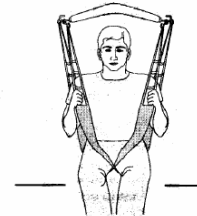


Figure 4 - Configuring the Sling - Step 2

Configuring the Sling for Hammock Style

1. Run the right leg strap under both of the patient's legs and attach to the left front hook.
2. Run the left leg strap under both of the patient's legs and attach to the right front hook. (Figure 5)



Figure 5 - Configuring the Sling for the Hammock Position

SLING SIZE CHART

Patient Weight (lbs.)	Under 350	440 lbs.	600 lbs.	1000 lbs.	1000 lbs.
Sling Size	MEDIUM	LARGE	XL	XXL	XXXL

Stretcher Sling Model 700

IMPORTANT

Sling **MUST** be dated prior to being put into service.

Prior to each sling use, conduct a thorough visual inspection by laying the sling out on a flat surface, to allow for complete visibility. Check for the following during inspection of the sling material:

- ! Thoroughly inspect for any wear, discoloration, abrasions, holes, cuts or frays.
- ! Thoroughly inspect stitched areas for broken, worn, pulled, or unraveled stitches.
- ! Thoroughly inspect for heat or bleach damage by noticing any color changes, brittle or puckered spots on the material.

Check for any sign of wear or defects on the sling straps, for example:

- ! Thoroughly inspect the sling straps for loose or frayed threads in any stitched area.
- ! While twisting loops and straps, thoroughly inspect the sling straps and buckles for noticeable discoloration or fatigue.
- ! Thoroughly inspect the sling straps and buckles for damage or wear on all sides.

For safety reasons, if any of the above deviations are identified during inspection, the Model 700 Sling must be discontinued and the sling discarded.

We strongly recommend that each sling be patient-specific and should be discarded after use with each patient. Should you choose to disregard this recommendation, it is imperative that sling integrity be verified prior to each use.

Model 700 Sling **must** be discarded no later than two (2) years after it is put into service, regardless of inspection results.

Laundering Procedures for Stretcher Sling Model 700

Please distribute one copy of this procedure to:

1. File
2. Nurse Manager in each department using slings
3. Laundry Department

CAUTION: DO NOT USE BLEACH, BLEACH ADDITIVES, MINERAL SPIRITS OR THINNERS!!!

DO NOT MACHINE WASH!!!

Wipe down with mild soap solution at a maximum temperature of 80 degrees Celcius/176 degrees Fahrenheit or with Windex or an Antimicrobial or Spray Type Surface Cleaner. Rinse thoroughly and air dry. Do not dry clean.

IMPORTANT

Sling must be visually inspected on a regular basis. Check for rips, tears, fraying and unraveling of any stitching. Check integrity of plastic buckles. Should any of these conditions be observed, immediately remove sling from service and have it inspected by the manufacturer. **ALL REPAIRS MUST BE PERFORMED BY THE MANUFACTURER. MILLENNIUM MEDICAL PRODUCTS, INC. HEREBY WAIVES ALL LIABILITY SHOULD UNAUTHORIZED MODIFICAITONS OR REPAIRS BE PERFORMED.**

Warranty for Sling Model 700

Millennium Medical Products, Inc. warrants that all slings are free from defects in materials and workmanship for a period of six months from the date of purchase.

This sling is manufactured to a very high tolerance and has been inspected prior to shipment. Due to the large variation in sling use and laundering techniques from facility to facility, Millennium Medical Products, Inc. is unable to guarantee the integrity of the sling under all operating conditions. Purchaser hereby accepts full responsibility for verifying the integrity of the sling prior to each and every use.

Construction: Vinyl Laminated Nylon

Application Instructions for Stretcher Sling Model 700

General

This procedure explains the application of the LIFTEM STRETCHER SLING SYSTEM when lifting or transferring a patient in the supine (on the back or face up) position. The person performing the lift **MUST** be familiar with the safe operation and use of LIFTEM, prior to lifting a patient using the STRETCHER SLING SYSTEM.

A. The STRETCHER SLING SYSTEM consists of the following Sub-assemblies and parts:

- Two (2) ARCHES with END CAP/PLATES, QUICK RELEASE PINS and END HOOKS.
- One (1) CENTER RAIL - 2 inch x 32-inch square tube.
- One (1) MOVEABLE CENTER OF GRAVITY LOCATOR (MCGL) mounted to CENTER RAIL.
- Two (2) 72 inch long ALUMINUM POLES.
- One (1) 36 inch wide x 72 inches long FABRIC STRETCHER SLING.

B. STRETCHER SLING SYSTEM Assembly Procedure (See attached photographs)

1. Using the QUICK RELEASE PIN attached to the BOOM or the 5/16 inch diameter x 1½ long shoulder bolt w/lock nut; attach the U bracket on the top of the CENTER RAIL, to the end of the LIFT BOOM, either the 600 or 700 pound LIFT POINT.
2. Mount the two (2) ARCHES - one on each end of the CENTER RAIL. Using the QUICK RELEASE PINS, insert the pin through the hole in the END CAP/PLATE of the ARCHES and through the mating holes in the CENTER RAIL, locking the ARCHES to CENTER RAIL. Make sure that the quick release pin end extends through the bottom hole of the CENTER RAIL and is locked in place.
3. If not already in place, insert the two (2) 70" long TUBES into each of the openings provided on the side of the FABRIC STRETCHER SLING. Two straps on each side of the FABRIC STRETCHER SLING are used to assemble the FABRIC STRETCHER SLING to the ARCH END HOOKS. These straps are attached to the FABRIC STRETCHER SLING and go around the 70" long TUBE. After the FABRIC STRETCHER SLING is positioned under the patient, assemble the ends of these straps through the ARCH END HOOKS so the hooks capture them.
4. Feed the STRAP CLIPS at each end of the FABRIC STRETCHER SLING through the loop attached to the ends of the TUBE and close to prevent the poles from inadvertently slipping out.

C. STRETCHER SLING SYSTEM Operation

1. Position LIFTEM for a normal patient lift and transfer.
2. Position the BOOM away from the patient and assemble the STRETCHER SLING SYSTEM as described above. Do not attach the FABRIC STRETCHER SLING at this time.
3. The FABRIC STRETCHER SLING is placed under the patient and the patient log rolled on the FABRIC STRETCHER SLING. If desired, to provide more comfort for the patient, the 70" long TUBES may be removed from each side of the

FABRIC STRETCHER SLING and reinstalled after the FABRIC STRETCHER SLING is positioned under the patient.

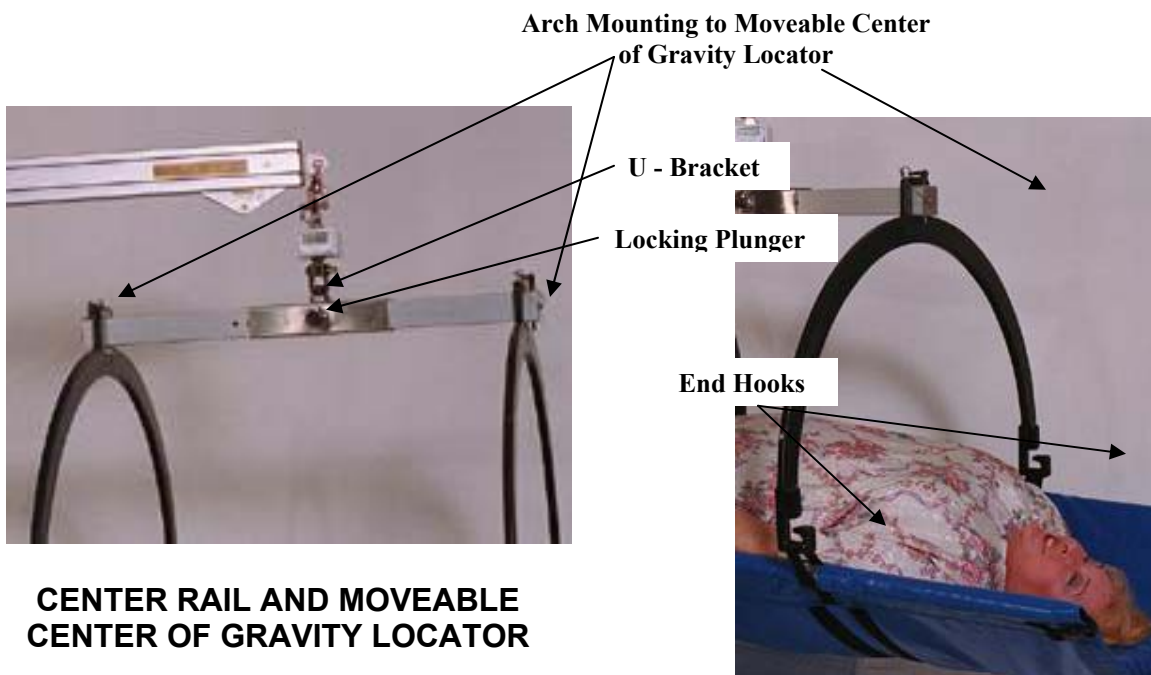
4. Rotate the BOOM so that the STRETCHER LIFTING SYSTEM is positioned directly over the patient, making sure the BOOM is high enough not to interfere with the patient.
5. Lower the BOOM and connect the straps of the FABRIC STRETCHER SLING to the four (4) END HOOKS on the SPREADER BAR. Make sure the 70" long TUBES are properly installed in each side of the FABRIC STRETCHER SLING.
6. Conduct a "**Tilt Check**" by lifting the patient slightly off the bed so all weight has been transferred to the STRETCHER LIFTING SYSTEM. If the weight of the patient is not centered or evenly distributed, the sling/patient combination will tilt slightly to the right or left. If a tilt is observed, lower the patient to the bed and move the location of the 2" square tube by moving it, on the MCGL, in the opposite direction of the tilt. Then repeat the above procedure until the patient/sling combination is approximately level.

A spring-loaded locking plunger, on one side of the MCGL, is used with a series of eleven holes in the 2" square tube that secures it in fixed positions on the tube. The MCGL, which is normally positioned in the center hole of the 2" square tube, can therefore be moved 5" left or right of center in one-inch increments.

To reposition the 2" square tube, pull the knob of the locking plunger outward. It can be locked in the extracted position by rotating the knob left or right. Move the 2" square tube one inch to the next hole opposite the tilt direction. At this point, unlock the plunger to engage this hole in the 2" square tube. In this new position, conduct another tilt check.

Several tilt checks may be necessary until a very minimal tilt of the STRETCHER LIFTING SYSTEM is observed. In this condition, the sling/patient is easily maneuvered to position the patient for transfer.

STRETCHER SLING SYSTEM



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