

ABTECH[®] SAFETY

Instruction & Maintenance Manual for SLIX 100 Stretcher



IMPORTANT
Slix Stretchers should be used by
TRAINED PERSONS ONLY
PLEASE READ THIS MANUAL BEFORE
USING THE SLIX100

This is not a manual of First Aid or Rescue techniques.

Rescuers using SLIX equipment should be trained in vertical and confined rescue and first aid techniques

It is the duty of the rescue team to ensure that the casualty is secure at all times and that all ropes, karabiners, slings or any other equipment attached to, or used to lift the Slix Stretcher is of suitable strength and in good order.

All belays must be correctly installed and used by a competent person or persons.

Before using the Slix Stretcher check for wear or damage. Do not use if worn or damaged.

When lifting or lowering a Slix Stretcher in the vertical or horizontal mode it is recommended that a separate lifeline of suitable strength and standard-belayed separately- be used.

The rescue team must be able to deal safely with any emergency that may arise during the evacuation of a casualty.

The Slix100 Stretcher

The Slix Stretcher may be used to raise or lower a casualty vertically or horizontally.

When correctly applied the Slix is a safe, protective stretcher that may be used in the most adverse conditions.

The adjustable Closure and Foot loops will accommodate casualty insulation and applied first aid equipment such as leg splints and the Spinal Splint

The configuration of the shaft will dictate if the Slix Stretcher can be raised or lowered with the casualty horizontal or vertical but if circumstances allow, for medical considerations, the casualty should be raised or lowered horizontally.

The Horizontal Haul Slings are colour coded to allow the rescuers to choose to raise or lower the casualty in a Head Up or Head Down attitude, as dictated by any injuries.

By attaching the Green Hauling Strop to the Green Horizontal attachment points and the Blue Hauling Strop to the Blue Horizontal attachment points a Head Up attitude is achieved. By reversing the hauling strops - a Head Down attitude is achieved.

Hauling strops must only be connected to the stretcher using the colour coded attachment eyelets. no other part of the stretcher or closure straps should be used for load supporting. Colour coded attachment points are rated at 400kg WLL.

All closure straps must be correctly fastened and any surplus length securely tucked away to prevent snagging.

All equipment used for raising or lowering the Slix Stretcher must be of suitable strength and condition.

Only the Vertical and Horizontal hauling strops and the connectors provided should be used to attach Haul lines to the stretcher.

Haul ropes and Lifelines must be to a minimum of EN1891A standard.

The recommended rope for hauling and lifelines is 11mm Static.

Using dynamic ropes can give rise to 'bouncing' which is uncomfortable for the casualty.

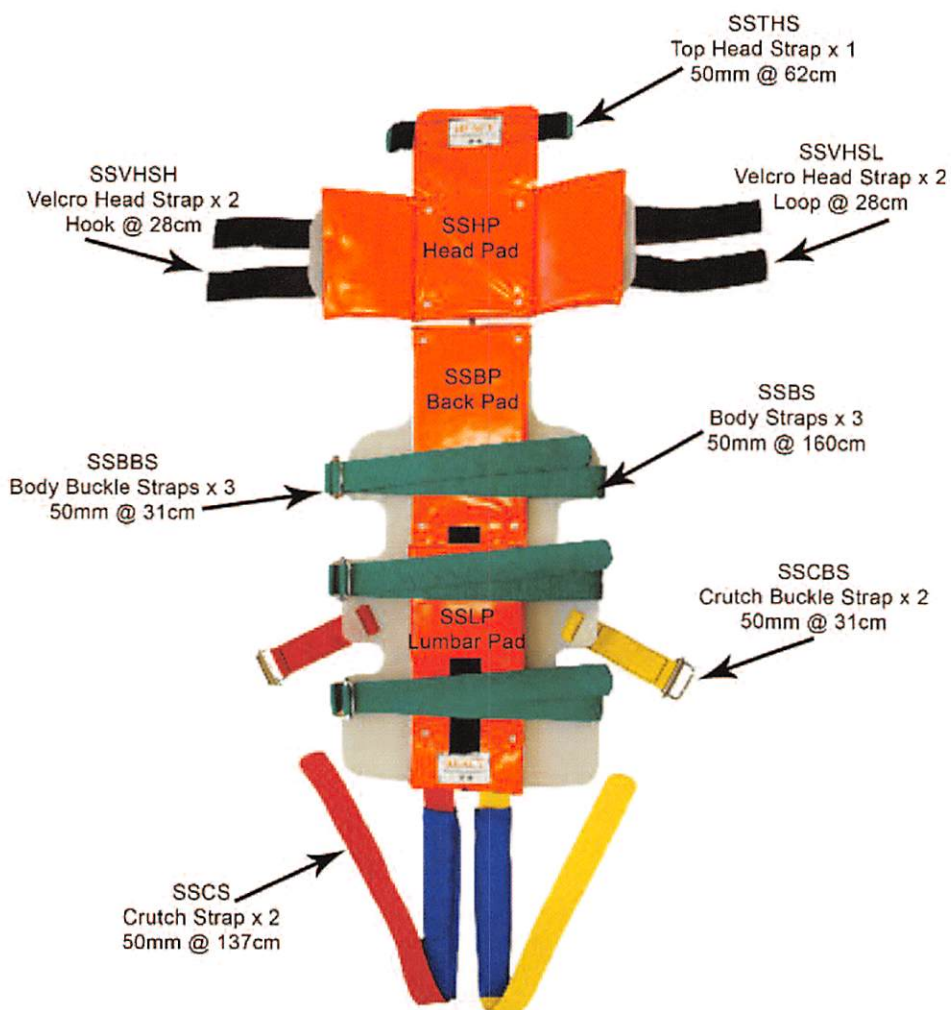
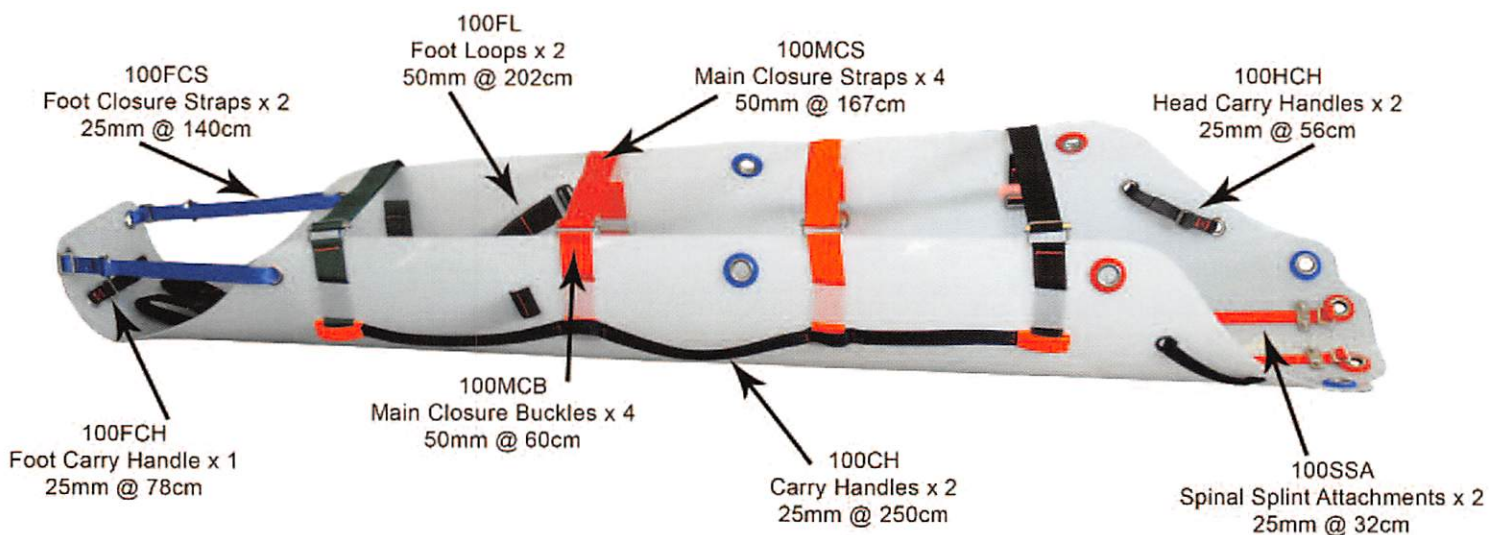
When raising or lowering the Slix Stretcher there must be separate lifeline protection for security in the event of a main rope failure.

All the Slix range of Stretchers conform to
CE 93/42/EEC CLASS 1

All components supplied are manufactured to the relevant standards.

It is the users duty to ensure that any other item of equipment conforms to the relevant standard.

Identifying components of the Slix100 Stretcher & Spinal Slint



Loading and Securing a casualty into the Slix100 Stretcher

The Slix Stretcher is stored and transported in a Carry Bag.

Remove the Slix Stretcher from the Carry Bag, undo the securing strap and unroll.

Lay on a flat surface, with the Carry Handles down, as close to the casualty as possible. The head of the Stretcher should be level with the head of the casualty.

If using a spinal splint:

Place the Slix Spinal Splint on the Slix Stretcher and attach it to the Spinal Splint Plate with the two fitted straps provided Item 100SSA p5. Place the casualty on the Stretcher with the head located to the top of the Spinal Splint and centrally positioned.

OR

If the casualty was loaded onto the Spinal Splint away from the Stretcher, move the casualty carefully into the Stretcher and attach the Spinal Splint to the Stretcher

Fit the Foot Loops, Item 100FL, to the casualties feet, (do not remove footwear), crossing them over, and adjust buckles. If leg injuries are present it may be necessary to omit one or both Foot Loops

Starting at the foot secure the 4 Closure Straps, Item 100MCS, across the Stretcher and tighten securely but be careful not to over tighten. Pay particular attention to the Closure Straps at the chest so respiration is not impaired.

Secure the ends of the Closure Straps so they do not present a snag hazard. Tucking ends in is easiest It is recommended that the casualties' arms are inside the Stretcher skin.

Feed the Foot Closure Straps, Item 100FCS, through the small eylet and back through the buckle. Adjust until the rollover just touches the casualties' feet. Allowance should be made if a leg splint is fitted.

When using a training mannequin - do not tighten beyond the label sewn to the strap.

The casualty is now secure and evacuation may begin.



YES

Screwgate karabiners and double Fig 8



Sewn Slings and karabiners OR Delta Mallion Rapide

Fitting Vertical Haul Lines to Slix Stretchers



NO

Fig. C.
Fitting the Foot
Loops



Fig. D.
Secure the Closure
Straps 4 Places.



Fig. E.
Thread and adjust
Bottom Roll over
straps.



Fig. F.
Casualty 'fully packaged'.

Inspection and Cleaning of The Slix 100 Stretcher

After each use or practice session the Slix 100 stretcher should be cleaned and inspected for damage by a competent person.

It is very important the stretcher and ancillary equipment is stored ready for use in a first class condition.

IF ANY CLOSURE OR HAULING STROPS HAVE BEEN IN CONTACT WITH ANY CHEMICAL, SOLVENT, ALKALINE, ACID OR ANY CONTAMINANT WHICH MAY DEGRADE POLYETHYLENE, POLYESTER OR NYLON THE STRETCHER AND/OR HAULING STROPS MUST NOT BE USED UNDER ANY CIRCUMSTANCES.

IF THE STRETCHER HAS BEEN SUBJECT TO A HEAVY DROP ONTO THE VERTICAL OR HORIZONTAL HAULING POINTS DURING A PRACTICE OR A INCIDENT THE STRETCHER MUST BE INSPECTED, BY A COMPETENT PERSON IMMEDIATELY AND BEFORE FURTHER USE.

Refer to Page 5 part identification.

Oil, grease, blood, body fluids or non aggressive contaminants may be removed with warm- not hot- water and soap.

If a power washer is available it may be used with care. After cleaning rinse thoroughly with clean water, hang vertically and allow to dry in a warm, dry atmosphere.

DO NOT APPLY HEAT.

Inspect Horizontal and Vertical Hauling Strops for physical or chemical damage. The integrity of the Hauling Strops is essential and particular attention should be given to the stitching and the loop section of the Strops for wear, If any damage is present DO NOT USE. Replace damaged Hauling Strops immediately.

Inspect all Closure Straps, Closure Buckles, Head & Foot Closure Straps, Carry Handles, Adjustable Foot Loops and Buckles and Head & Side Grab Handles for physical or chemical damage. Damaged Straps may be replaced. Contact the manufacture for replacements. DO NOT USE THE STRETCHER before changing damaged Straps.

Inspect the Vertical Hauling Plate/Spinal Splint attachment point, for damage and/or distortion. Inspect the area of stretcher around the Vertical Hauling Plate and the Horizontal Attachment Points. If any distortion or splitting is found DO NOT USE. RETURN TO THE MANUFACTURER FOR FULL INSPECTION.

IF IN ANY DOUBT ABOUT THE INTEGRITY OF THE SLIX100 STRETCHER PLEASE CONTACT THE MANUFACTURER.

Storage of the Slix 100 Stretcher and Spinal Splint

The Stretcher and Spinal Splint must be stored in the Carry Bag in a dry place out of direct sunlight.

It is good practice to seal the bag after the kit has been inspected and packed. A tear- off, non replaceable, type of closure should be threaded through the top of the Carry Bag.

Sealing the Carry Bag discourages tampering or pilfering and the rescuers are assured that the contents are present in the event of a incident.

To allow storage in a manner that does not ensure that the contents are correctly cleaned, inspected and complete is negligent.

The inspection, cleaning and packing of the Stretcher and Spinal Splint should be undertaken by a competent person and logged.

Abtech recommends that a detailed inspection, should take place at 6 monthly intervals and the inspection logged by a competent person.

For further information or advice contact:

Certification



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DECLARATION OF CONFORMITY

This equipment conforms to CE 93/42/EEC CLASS 1 and is covered by European Council Directive 93/42/EEC **CLASS 1 DEVICE**. This equipment is registered with the Competent Authority (UK) and conforms to article 11 (5) annex VII section 3.

We at Abtech Safety Ltd declare that the equipment described hereafter has been inspected in accordance with Abtech Safety Limited's quality assurance system to BSEN 9001:2000, under the supervision of the notified body number 0321 and unless otherwise stated complies with the full requirements of the specifications and contract/order at the time of manufacture.

SIGNED

A handwritten signature in black ink, appearing to be "L. H.", written over a circular stamp or mark.

