

# 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.

P&P Safety Limited  
131 New John Street, Aston, Birmingham B6 4LD  
Tel: +44 (0) 121 359 4561 (Sales)  
Fax: +44 (0) 121 359 4136  
Website: [www.ppsafety.co.uk](http://www.ppsafety.co.uk) E-mail: [sales@ppsafety.co.uk](mailto:sales@ppsafety.co.uk)

# 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.

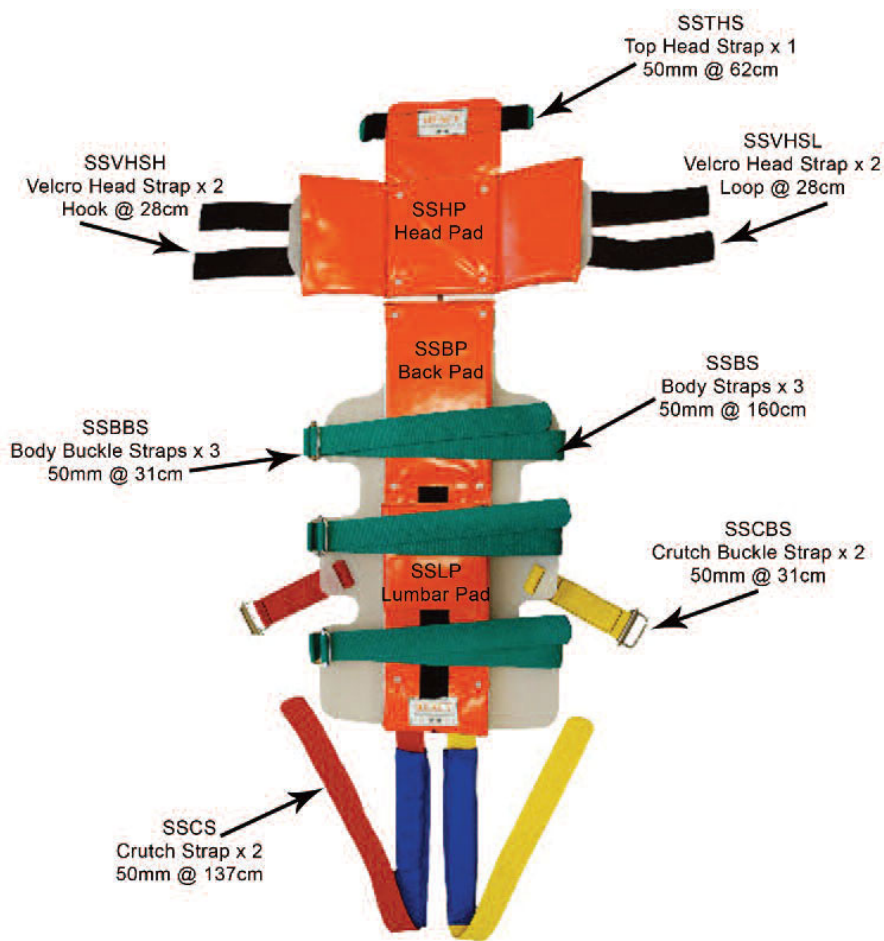
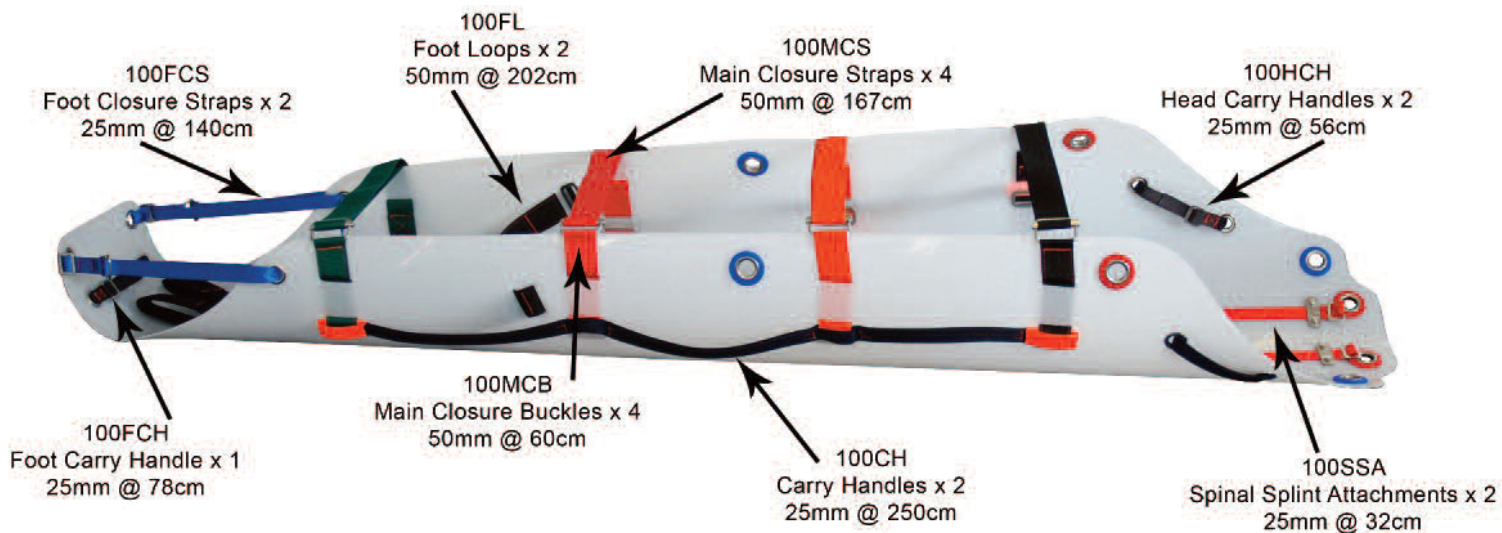
When raising or lowering the Slix Stretcher there must be separate lifeline protection for security in the event of a main rope failure.

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

**All components supplied are manufactured to the relevant standards.**

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

# Identifying Components of the Slix100 Stretcher & Spinal Splint



# Loading and Securing a Casualty into the Slix 100 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 P3. 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 eyelet 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 3** 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 SUPPLIER or 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 an 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.

**P&P** 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:**

**P&P Safety Limited,  
131 New John Street,  
Aston,  
Birmingham B6 4LD  
Tele: +44 (0) 121 359 4561  
Fax: +44 (0) 121 359 4136**

Thank you for purchasing this **Slix 100 Stretcher**. Please take time to familiarize yourself with the correct attachment, positioning and adjustment procedure. It is imperative that this Slix 100 Stretcher is only used for its intended purpose and that it is subject to a periodic recorded detailed inspection by a competent person.

To avoid personal injury, prior to using this **Slix 100 Stretcher** or training others to use it, **CAREFULLY READ** and understand these instructions. If there is anything you do not understand, **DO NOT** use this **Slix 100 stretcher**, contact the supplier or **P&P** for further details.

Certain information in this manual is governed by law and is subject to change without prior notice. Great care has been taken to ensure that the information is correct at the time of publication. However, it is the user's sole responsibility to ensure that they fully comply with all legal requirements. **P&P** will not accept liability for any inaccuracy or incorrectly stated legal requirements.

**P&P** operate a policy of continual improvement and reserve the right to change specifications without notice. The Manufacturer and / or their recognised agents, directors, employees or insurers will not be held liable for consequential or other damages, losses or expenses in the connection with or by reason of or the inability to use the **Slix 100 Stretcher** for any other purpose.

Note; training should only be delivered by a suitably qualified and competent person, ie a **P&P** products trainer

**P&P Safety Limited  
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Fax: +44 (0) 121 359 4136  
Website: [www.ppsafety.co.uk](http://www.ppsafety.co.uk) E-mail: [sales@ppsafety.co.uk](mailto:sales@ppsafety.co.uk)**