

Instruction & Maintenance Manual

Important

SLIX Stretchers should be used by **TRAINED PERSONS ONLY**.
Please read this manual before using the SLIXHALV.



SLIXHALV SLIXHALV Stretcher

*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.*

The rescue team has a responsibility to ensure the casualty is secure at all times. This includes verifying that all ropes, carabiners, slings, or any other equipment attached to or used to lift the SLIX Stretcher are of suitable strength and in good working order.

Anchors points used to raise or lower the unit must be of sufficient strength (12kN) and must be correctly attached by competent individuals.

Before using the SLIX Stretcher, conduct a thorough check for wear or damage. Do not use the stretcher if it shows any signs of wear or damage, as this can compromise the safety of the casualty.

When lifting or lowering a SLIX Stretcher in either the vertical or horizontal mode, it is recommended to use a second separate lifeline of suitable strength and standard. This lifeline should be anchored separately to enhance safety in the event of a primary rope failure.

The rescue team must be adequately trained and prepared to deal with any emergency that may arise during the evacuation of a casualty. Safety and readiness in handling unforeseen situations are critical aspects of a successful rescue operation..

These instructions emphasize the importance of ensuring the security of the casualty and the safe use of equipment and procedures throughout the rescue operation. Vigilance, proper equipment maintenance, and preparedness for emergencies are essential for a successful and rescue mission.

The Slix100 Stretcher

The SLIX Stretcher can be used to raise or lower a casualty vertically or horizontally. In addition to environmental limitations, consider any injuries or medical conditions of the casualty. The stretcher has horizontal and vertical attachment points, which can be used in various extrication scenarios.

Make the casualty as comfortable as possible. If the casualty is wearing a harness be aware of the positions of any buckles that may cause discomfort and reposition if necessary. Padding (coat or jumper) between the casualties knees may alleviate discomfort. Consider the time involved in a rescue and ensure the casualty is warm or cool enough.

Stretcher strops should only be connected to the stretcher using the colour coded attachment eyelets, which are rated at 400kg Working Load Limit (WLL).

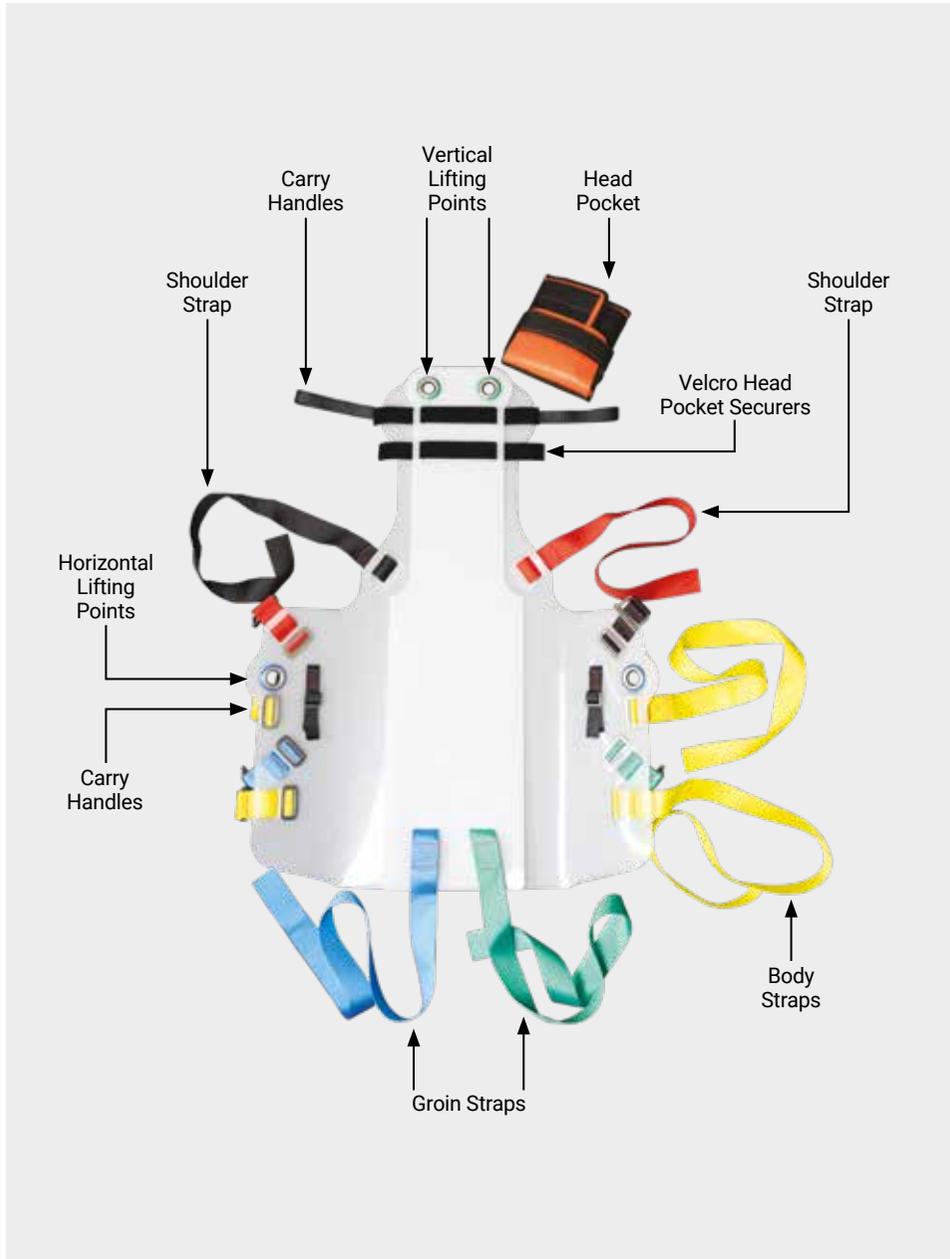
Ensure that all closure straps are correctly fastened, and any excess length is securely tucked away to prevent snagging, including groin and shoulder straps.

All equipment used for raising or lowering the SLIX Stretcher must be of suitable strength and in good condition. Haul ropes and lifelines should meet at least the EN1891 Type A standard, with the recommended rope for hauling and lifelines being 11mm Static. Avoid if possible using dynamic ropes to raise or lower to prevent possible discomfort for the casualty due to bouncing.

When raising or lowering the SLIX Stretcher, make sure there is separate lifeline protection in place to enhance security in case of a main rope failure.

These instructions aim to ensure the safe and effective use of the SLIX Stretcher, especially in challenging conditions and rescue scenarios. Always follow these guidelines and any additional manufacturer specific instructions.

Identifying Components of the SLIXHALV Stretcher



Storage of the SLIX100 Stretcher

1. Store the Stretcher and Lifting Straps in the provided Carry Bag.
2. Keep the Carry Bag in a dry place, away from direct sunlight.
3. It's considered good practice to seal the bag after the kit has been inspected and packed. Use a tearoff, non replaceable type of closure that should be threaded through the top of the Carry Bag.
4. Sealing the Carry Bag serves to discourage tampering or pilfering. Rescuers can be assured that the contents are present in the event of an incident. Neglecting to ensure that the contents are correctly cleaned, inspected, and complete is considered negligent.
5. The inspection, cleaning, and packing of the Stretcher and Spinal Splint should be carried out by a competent person and should be logged.
6. Abtech recommends that a detailed inspection takes place at 6month intervals, and this inspection should be logged by a competent person.

These storage instructions are essential to ensure that the Stretcher is ready for use when needed and that they remain in good condition over time. Proper storage and regular inspection are crucial for the effectiveness and safety of the equipment.

For further information or advice please contact us.

Loading and Securing a Casualty into the SLIXHALV Stretcher

1. Store and transport the SLIX Stretcher in the provided Carry Bag.
2. Remove the SLIX Stretcher and the head pocket from the Carry Bag.
3. Lay the stretcher on a flat surface with the Carry Handles facing down, positioning it as close to the casualty as possible. The head of the stretcher should be level with the head of the casualty.
4. Unpack the head pocket and fasten it in place using the Velcro straps.
5. Fit the body straps across the casualty, followed by the groin straps and shoulder straps. Make sure to match the colored straps to the corresponding colored buckle straps.
6. Tighten the straps securely, but be cautious not to overtighten them. Pay particular attention to straps that could impair respiration or circulation.
7. Secure the ends of the Closure Straps to ensure they do not present a snag hazard. Tucking the ends in is the easiest way to achieve this.
8. The SLIXHALV is designed as an 'arms out' stretcher. If the casualty's arms need securing, they can be placed cross chested and secured to the shoulder straps.
9. Once the stretcher is properly secured and the casualty is in position, you are ready to begin the evacuation process.

These instructions are essential for correctly preparing and using the SLIXHALV Stretcher to ensure the safety and wellbeing of the casualty during evacuation. Follow these steps carefully to ensure a secure and effective rescue operation.



Inspection and Cleaning of the SLIXHALV Stretcher

- After each use, it is important to clean the stretcher and inspect it for damage. This inspection should be conducted by a competent person.
- Ensure that the stretcher and any ancillary equipment are stored in a state of readiness for future use.
- If any closure or stretcher straps have come into contact with chemicals, solvents, alkaline substances, acids, or any contaminants that may degrade polyethylene, polyester, or nylon, the stretcher and/or hauling strops must not be used under any circumstances.
- If the stretcher has experienced a drop onto the vertical or horizontal hauling points during practice or an incident, it must be inspected immediately by a competent person before further use.
- Oil, grease, blood, body fluids, or non aggressive contaminants may be removed from the stretcher 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 the stretcher vertically, and allow it to dry in a warm, dry atmosphere. Do not apply heat to expedite drying.
- Inspect both the horizontal and vertical hauling strops for physical or chemical damage. The integrity of these hauling

strops is critical, with particular attention to the stitching and the loop section for signs of wear. If any damage is present, do not use the stretcher and replace damaged hauling strops immediately.

- Inspect all closure straps, closure buckles, carry handles, head handles, and head pocket for physical or chemical damage. Damaged straps can be replaced, so contact the manufacturer for replacements. Do not use the stretcher until damaged straps are replaced.

- Inspect the hauling attachment points for damage and distortion. Examine the stretcher skin for damage or distortion, including any nicks and splits. If any distortion or splitting is found, do not use the stretcher.

- If there is any doubt about the integrity of the Slix Stretcher, please contact the manufacturer for guidance.

These instructions are crucial to ensuring the safety and effectiveness of the SLIX Stretcher, especially when it has been used in challenging conditions. Regular cleaning, inspection, and maintenance are essential to keep the equipment in optimal working condition.

Stretcher Inspection



If you have any queries about the product you are inspecting, please call us on +44 1244 837 050 or sales@abtechsafety.com

Owner/Hirer		Date of Manufacture	
Product description		Manufacturer	
Product Code		Serial Number	

Webbing	Pass	Fail	Advisory Notes
Cuts/Fraying			
Burns			
Mould			
Chemical/Staining			
Holes			

Stitching	Pass	Fail	Advisory Notes
Cut/Broken			
Pulling/Loose			

Buckles	Pass	Fail	Advisory Notes
Rust/Pitting			
Cracks			
Distortion			
Wear			

Connectors	Pass	Fail	Advisory Notes
Rust/Pitting			
Cracks			
Distortion			
Mechanism			

Stretcher Skin	Pass	Fail	Advisory Notes
Splits/Cracks			
Contamination			

Labels	Pass	Fail	Advisory Notes
Clear/Legible			

Pass/Fail	Signed	Print	Date

Declaration of Conformity

We at Abtech Safety Ltd declare that the equipment described in this manual has been inspected in accordance with Abtech Safety Limited's quality assurance system BSEN ISO 9001:2015, 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.

**All the Slix range of Stretchers conform to
Medical Devices Regulation (EU) 2017/745.**

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.**