



1-800-850-5914
PHOENIX, AZ USA

USER INSTRUCTION MANUAL

DESCRIPTION: LIFELINE DOUBLE LOCK SNAP ONE END
AND CROWN SPLICE OTHER END

MODELS: 96805 - 5/8" x 50' 96905 - 3/4" x 50'
96810 - 5/8" x 100' 96910 - 3/4" x 100'
96815 - 5/8" x 150' 96915 - 3/4" x 150'

MEETS OSHA & ANSI Z359.1-07

MODEL: _____

SIZE: _____

DATE: _____

WARNING!

Items subjected to fall arrest or impact forces must be immediately removed from service and destroyed. Any item showing excessive wear or deterioration should be destroyed. Inspect all equipment before each use. Failure to observe proper inspection and usage procedures could result in injury or death. Environmental hazards must be considered in selecting the appropriate lifeline, harness and lanyard. Recommendations where chemicals, high temperature or other unusual conditions exist may be addressed to **ULTRA-SAFE, INC.** at 1-800-850-5914.

FREE FALL CONSIDERATIONS

Free fall distance should be kept to a minimum, and as required by OSHA, in no case shall be greater than 6 feet. To help assure this, tie-off attachment point to the lifeline or anchor should be located at or above the connection point of the fall arrest equipment to the harness.



FOR USE WITH US-5000C OR US-5000 ROPE GRABS. (SOLD SEPARATELY)



US-5000C ROPE GRAB

Made of durable non-corrosive stainless steel, brass & bronze. They 100% inspected for function, construction and material integrity and are designed to meet the performance requirements of ANSI Z359.1, OSHA 1926 (maximum 3 ft (0.9m) shock absorbing lanyard) and (a permanently attached 3 ft (0.6m) lanyard) when used with 5/8" Poly-Dac or be positioned not to exceed 6' free fall.

See Instructions 313RG1

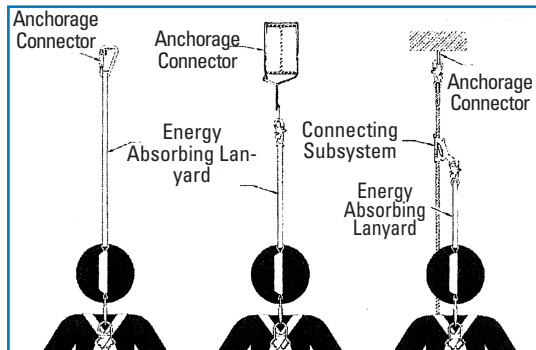


US-5000 ROPE GRABS

To be used with 5/8" or 3/4" diameter Poly-Dac rope lifeline with minimum tensile strength of 6,100 lbs. The US-5000 is a rope grabbing device that follows a worker's movement up and down a vertical lifeline. If a fall occurs, the rope grab locks on the rope and absorbs much of the force generated during the free fall. The unique energy absorbing design of the US-5000 allows the user to use web lanyard with no shock absorber (max length 3 feet) and still meet OSHA's maximum force requirements. **See Instructions 313RG2**

ANCHORAGE: Select a rigid anchorage point that is capable of supporting the required loads. The anchorage location must be carefully selected to reduce possible free fall and swing fall hazards and to avoid striking an object during a fall. The anchorage should be generally level (horizontal) to prevent the anchorage connector from sliding down an incline when in use, which could cause serious injury to the user.

FREE FALL: Maximum free-fall distance six feet or maximum fall arrest force of 1800 lbs. Avoid lower level contact.

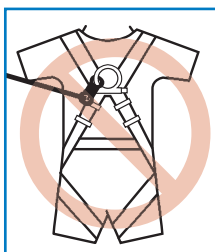
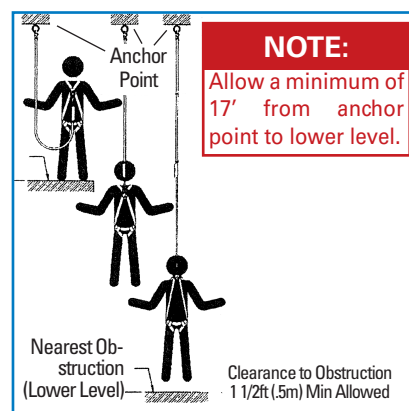
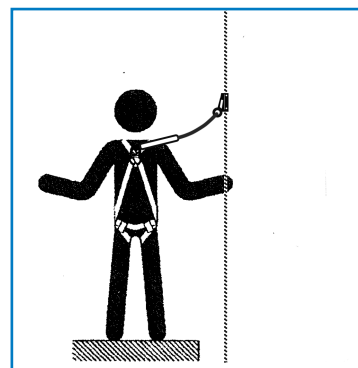


CONNECTING TO ANCHORAGE OR ANCHORAGE CONNECTOR:

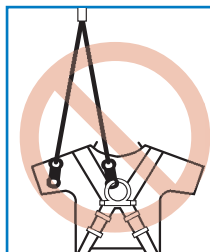
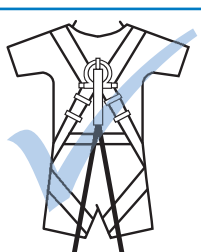
Always connect the energy absorber end of the lanyard to the body support (harness). Connect the lanyard end to the anchorage or anchorage connector. Component style energy absorbers should be connected to the body support first, then coupled to the rest of the system. Some anchorage connector devices may be supplied with permanently attached energy absorber. Use of an additional energy absorber or energy absorbing lanyard with these types of subsystems is not recommended.

FALL CLEARANCE: Should a fall occur, there must be sufficient clearance in the fall area

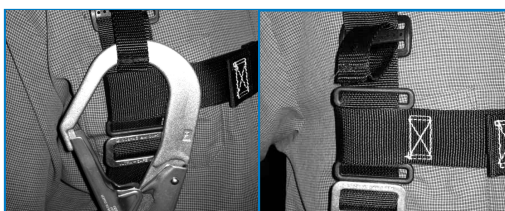
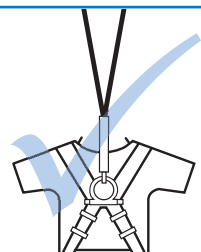
to arrest the fall before striking the ground or other object. Energy absorbers can extend the fall arrest distance by up to 42 inches (106.7 cm). The illustration to the right shows how to estimate fall clearance distance when using an energy absorbing lanyard or energy absorber subsystem. Other factors may influence the required clearance distances. For example, using an energy absorbing lanyard or energy absorber with a rope grab (fall arrestor) may require additional clearance due to stretch in the lifeline or sliding of the rope grab on the lifeline during fall arrest. Some full body harness models incorporate a sliding (positional) D-ring in the back as the fall arrest attachment, movement of this D-ring during fall arrest can increase the fall clearance distance required. Use caution when assembling system components that could act to extend the fall arrest distance (and therefore fall clearance required). Refer to manufacturer's instructions for each part of the system for more information on fall clearance.



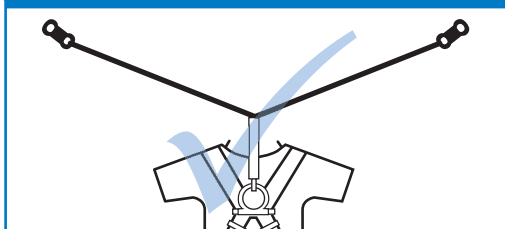
ATTACH ENERGY ABSORBER ONLY TO DORSAL D-RING



DO NOT ATTACH ENERGY ABSORBER TO ANCHOR



WITH HOOK ACCEPTABLE DESIGNED RETAINER WITHOUT HOOK



MAXIMUM ATTACHMENT DISTANCE

When using lanyards commonly referred to as "100% tie-off", "Y" type, "double" or "twin leg" shock absorbing lanyards. This supplement provides additional information on the use of these types of lanyards that are used with a personal fall arrest systems.

Practices that must be followed in order to use a 100% tie-off lanyard safely.

1. The shock absorber pack portion of the lanyard assembly **MUST** be connected to the back dorsal D-ring **ONLY**, by way of a double locking lanyard snap hook (other connectors provided, consult ULTRA-SAFE, INC.) connect shock absorber directly to the dorsal D-ring.
2. Do not connect shock absorber to the anchorage point at any time.
3. Do not connect the unused leg of the lanyard assembly to any portion of the full body harness, unless a specifically designed lanyard snap hook loop retainer is provided for this purpose.
4. When connecting from one anchorage point to the next (traversing a vertical or horizontal structure) do not connect to an anchorage point further apart than, the length of the lanyard.
5. When using a 100% tie-off lanyard assembly, do not allow any part of the lanyard to pass under arms or legs.
6. Connection of both lanyard legs to separate anchorage points is acceptable, as long as anchorage points are within the length of the lanyard.

Inspection Procedures

General -

1. Check for wear deterioration.

Before each use, carefully inspect your complete Ultra-Safe system for signs of wear or deterioration, or evidence of impact loading. Visually inspect for loose threads, pulled rivets, burns, cuts, distortions, abrasions, or other evidence of chemical or physical deterioration that may have weakened the material or assembly.

2. Inspect hardware for malfunctions and cracks.

Check all snap hooks, buckles and D-Rings.

3. Destroy and replace all worn or damaged equipment.

Immediately destroy and replace any component which does not pass inspection.

Specific -

1. Stitching and webbing.

Check stitching for broken, burned, cut or pulled stitches. Broken strands of webbing appear as tufts on the webbing surface. To visually check for damage caused by corrosives, heat, chemicals and other conditions, hold the connecting device with your hands six to eight inches apart. Bend

the webbing in an inverted "U" to cause surface tension and expose problem areas. Inspect entire length. For deceleration units, check the stitching for broken, burned, cut or pulled stitches, and the breakaway jacket for cuts, tears, broken stitches, stretch marks or other evidence of impact load. For aircraft-cable lanyards, check the full length for breaks, burns or cuts in the vinyl covering and the aircraft cable.

2. Check for broken strands.

Inspect rope lanyards for broken strands by twisting the rope slightly to undo the braiding. Inspect the entire lanyard in this manner. Lanyards with broken strands must be discarded.

3. Inspect all snap hooks, D-Rings and other metal parts.

Hardware must be checked for sharp edges and cracks. Rollers should not be distorted in shape and should roll freely. Check all parts, especially corners and attachments points, for wear and cracks.

4. Destroy and replace all worn or damaged Ultra-Safe equipment.

If evidence of excessive wear, deterioration or

mechanical malfunction is observed, replace the equipment immediately. **Never work with worn or damaged Ultra-Safe equipment. Using damaged or worn equipment can cause injury or death.**

5. The inspector is the most important part of any inspection procedure.

Check all equipment thoroughly and follow all safety procedures and guidelines. Do not take any shortcuts, they could result in injury or death.

NOTE: Twisted rope, such as the nylon filament and polyplus rope used in Ultra-Safe lanyards, is subject to a condition known as "hockling", which is similar to the twisting we often see in a telephone handset cord. This can be caused by a repetitive twisting movement such as normal hand rotation in hooking and unhooking, a lanyard dangling freely, or by using the lanyard to suspend equipment.

Preventive measures include:

- 1) Never using a lanyard for towing or hoisting,
- 2) Inspection and smoothing out after each use,
- 3) Storing neatly. Some hockling is normal, and in itself is not cause to discard the lanyard.

IMPORTANT NOTE: OSHA specifies that all employers covered by the Occupational Safety and Health Act are responsible for inspection and maintenance of all tools and equipment used by employees, whether owned by the employees or by the company. All Ultra-Safe equipment should be inspected before each use, and immediately removed from service if equipment does not pass inspection.

INSPECTION AND MAINTENANCE LOG

Serial Number:	
Model Number:	
Date Purchased:	Date of First Use:

Inspection Date	Inspection Items Noted	Corrective Action	Maintenance Performed
Approved By:			
Approved By:			
Approved By:			
Approved By:			
Approved By:			
Approved By:			
Approved By:			
Approved By:			
Approved By:			



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Approved By:			
Approved By:			
Approved By:			
Approved By:			

EXAMPLE OF TAGS



MADE IN U.S.A.

WARNING!
A FALL COULD RESULT IN SERIOUS INJURY OR DEATH. DO NOT USE UNLESS PROPERLY TRAINED.

INSPECT BEFORE USING!
DO NOT REMOVE TAG!!

MATERIAL: POLYESTER/POLYPROPYLENE BLEND
FOR MORE INFORMATION CONTACT MANUFACTURER.

INSPECTOR MAY
MODEL 96805
SIZE 5/8" X 50'
DATE 05-06-2021

MEETS OSHA & ANSI
Z359.1-07
A10.32-2004

ORDER#: 00000-001
MAXIMUM CAPACITY 400 LBS

CAUTION: SIDE & SHOULDER D-RING NOT FOR FALL ARREST.

MATERIAL POLYESTER & POLYPROPYLENE BLEND

WARNING

- SEE SEPARATE INSTRUCTIONS EMPHASIZING MAXIMUM ELONGATION CHARACTERISTICS AND PROPER INSTALLATION AND LOWER END TERMINATION.

- DO NOT ALLOW PRODUCT TO CONTACT SHARP OR ABRASIVE SURFACES, SPARKS OR TEMPERATURES ABOVE 180° F.

- INSPECT BEFORE EACH USE.

MANUFACTURER'S INSTRUCTIONS SUPPLIED WITH THIS PRODUCT AT TIME OF SHIPMENT MUST BE FOLLOWED. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH. CONTACT MANUFACTURER IF INSTRUCTIONS ARE NEEDED. DO NOT EXPOSE TO CHEMICAL AND CORROSIVES WHICH COULD WEAKEN THE MATERIAL AND/OR HARDWARE. CONSULT MANUFACTURER IF IN DOUBT.

MANUFACTURED IN THE U.S.A.

SERIAL NO.
P202365

DATE INITIALS

INSPECTION CHART