

Vertical Lifelines User Instructions

General Safety Information

User Instructions must always be available to the user. If missing or illegible, please refer to: www.pelicanrope.com. These User Instructions are not to be removed except by the user of this equipment.



WARNING

The user must read and understand the *User Instructions* provided with the product and be properly trained by their employer prior to use per OSHA 29 CFR 1910.66 and 1926.503 or applicable local standards. Misuse or failure to follow warnings and instructions may result in serious personal injury or death. For proper use, see *User Instructions*, or call 800-464-7673. For best results, Personal Fall Protection System training should be reviewed or repeated at least once per year. If you do not understand the Instructions, labels and Warnings for the use and maintenance of this component, have them explained to you.

ATENCIÓN: TODAS LAS PERSONAS QUE USEN ESTE EQUIPO DEBERAN LEER Y COMPRENDER O TENER A ALGUIEN QUE LES EXPLIQUE LAS SIGUIENTES INSTRUCCIONES ANTES DE USARLO. EN CASO CONTRARIO SE PODRIAN PRODUCIR LESIONES GRAVES O MORTALES.

Purpose

Pelican Rope Vertical Lifelines are designed to be used as part of a personal fall arrest system, to help limit the fall arrest forces in the event of a fall.

Use Instructions

1. Failure to follow all instructions and limitations on the use of Vertical Lifelines may result in serious personal injury or death.
2. Before using a personal fall arrest system, employees must be trained in accordance with the requirements of OSHA 29 CFR 1910.66 in the safe use of the system and its components.
3. Personal fall arrest systems, including Vertical Lifelines, must be inspected prior to each use for wear, damage, and other deterioration and defective components must be immediately removed from service, in accordance with the requirements of OSHA 29 CFR 1910.66 and 1926.502.

4. The complete fall protection system must be planned (including all components, calculating fall clearance, and swing fall) before using.
5. Ensure the rope grab is installed properly per manufacturer's instructions so system engages in event of fall.
6. Users must have a rescue plan, and the means at hand to implement it, that provides the prompt rescue of employees in the event of a fall, or assures that employees are able to rescue themselves.
7. Store Vertical Lifelines in a cool, dry, clean environment, out of direct sunlight, when not in use.
8. After a fall occurs, Vertical Lifelines must be removed from service and destroyed immediately.
9. Maximum length of lanyard MUST comply with local or national codes and standards. User is responsible to verify lanyards employed meet necessary requirements.

Use Limitations

1. Vertical Lifelines are designed for a single user only.
2. Vertical Lifelines must only be used on structures capable of supporting static loads applied in all directions permitted by the fall arrest system of at least: 3,600 lb (16.0kN) with certification of a qualified person, or 5,000 lb (22.2kN) without certification
3. Vertical Lifelines are designed to be used in temperatures ranging from -40°F to +130°F (-40°C to +54°C).
4. Do not expose Vertical Lifelines to chemicals or harsh solutions which may have a harmful effect. Contact 800-464-7673 with any questions.
5. Caution must be taken when using Vertical Lifelines near moving machinery, electrical hazards, sharp edges, or abrasive surfaces, as contact may cause equipment failure, personal injury, or death.
6. Minors, pregnant women and anyone with a history of either back or neck problems should not use this equipment.
7. Do not use or install equipment without proper training from a "Competent Person" as defined by CFR 1926.32(f).
8. Only Pelican Rope, or persons or entities authorized in writing by Pelican Rope, shall make repairs or alterations to the equipment.
9. No Welding close to rope or metal parts.
10. No rigid hook attachment such as a scaffold ring. Hook must be free to move.
11. The capacity and compatibility of any rope grab used MUST meet the requirements of ANSI Z359.1-2007

Life Line Compliance Standard: ANSI Z359.1-2007

Part #	Length Avail.	Connections Avail.	Diameter / Material	Capacity
LYTPD-2001-	25' (7.6m)	FT-(Snap Hook-One End) Or	5/8" 3-Strand Composite	420 lbs (190.5kg)
	50' (15.2m)			
	75' (22.9m)	FF-(Snap Hook-Both Ends)		
	100' (30.4m)			
	150' (45.7m)			
	200' (60.9m)			
	250' (76.2m)			
	300' (91.5m)			
	600' (183m)			

PELICAN ROPE

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Compatibility Limitations

All Pelican Rope Vertical Lifelines must only be coupled to compatible connectors. OSHA 29 CFR 1926.502 prohibits snaphooks from being engaged to certain objects unless two requirements are met: snaphook must be a locking type with a gate strength of 3600 lbs and must be “designed for” making such a connection. “Designed for” means that the manufacturer of the snaphook specifically designed the snaphook to be used to connect to the equipment in question. The following connections must be avoided, because they can result in rollout* when a nonlocking snaphook is used:

- Direct connection of a snaphook to horizontal lifeline.
- Two (or more) snaphooks connected to one D-ring.
- Two snaphooks connected to each other.
- A snaphook connected back on its integral lanyard.
- A snaphook connected to a webbing loop or webbing lanyard.
- Improper dimensions of the D-ring, rebar, or other connection point in relation to the snaphook dimensions that would allow the snaphook keeper to be depressed by a turning motion of the snaphook.

***Rollout:** A process by which a snaphook or carabiner unintentionally disengages from another connector or object to which it is coupled. (ANSI Z359.0-2007)

Performance

Pelican Rope Vertical Lifelines have a minimum breaking strength of 5,600 lbs when statically tested in accordance with the requirements of the ANSI Z359.1-2007 standard. Typical elongation of Vertical Lifelines at 1,800 lb is 7%. Note: 500 ft. can give 35 ft. of stretch.

Installation

Identify a suitable location for Vertical Lifeline anchorage connection. Anchorages must be capable of meeting the strength requirements of OSHA 29 CFR 1910.66 AND 1926.502. Connect anchorage connector of Vertical Lifeline to approved anchorage. The Vertical Lifeline must be installed as vertically as possible over the intended work area to help reduce the possibility of dangerous swinging fall impacts. Note: Protect over edges.

⚠ Caution: Installer may be exposed to a fall hazard during installation. Alternate safety equipment may be required during installation.

Product Warranty, Limited Remedy, and Limitation of Liability

WARRANTY: THE FOLLOWING IS MADE IN LIEU OF ALL WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Equipment offered by Pelican Rope Works is warranted against factory defects in workmanship and materials for a period of one year from date of installation or first use by the original owner.

LIMITED REMEDY: Upon notice in writing, Pelican Rope will repair or replace all defective items at Pelican Rope’s sole discretion. Pelican Rope reserves the right to require that the defective item be returned to its plant for inspection before determining the appropriate course of action. Warranty does not cover equipment damage resulting from wear, abuse, damage in transit, failure to maintain the product or other damage beyond the control of Pelican Rope. Pelican Rope shall be the sole judge of product condition and warranty options. This warranty applies only to original purchaser and is the only warranty applicable to this product. Please contact Pelican Rope at 800-464-7673 for assistance.

LIMITATION OF LIABILITY: IN NO EVENT WILL PELICAN ROPE BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO LOSS OF PROFITS, IN ANY WAY RELATED TO THE PRODUCTS REGARDLESS OF THE LEGAL THEORY ASSERTED.

Ensure Vertical Lifeline is positioned from anchorage without twists or knots in the lifeline. Vertical Lifelines must only be used with compatible fall arrestor and fall arrest equipment. Follow all instructions as defined in the User Instructions provided with the compatible Adjuster or Arrestor.

Inspection

All Vertical Lifelines must be inspected prior to each use, and annually by an OSHA defined “Competent Person” who is knowledgeable in rope usage, other than the user.

- ⚠ **If inspection reveals any defect, inadequate maintenance, or unsafe condition, remove from service and destroy.**
- ⚠ **Any equipment that has been subjected to the forces of arresting a fall must be immediately removed from service and destroyed regardless of condition.**

Rope and the spliced connection must be inspected for tears, cuts, fraying, abrasion, discoloration, burns, holes, mold, or other signs of wear and damage.

Connector must be inspected for proper closure and locking operation.

Vertical Lifelines must be free of corrosion, chemical attack, alteration, excessive heating or wear and carefully assessed by a “Competent Person”.

All markings must be legible and attached to the product.

Note: Only manufacturer, or entities authorized in writing by the manufacturer, may make repairs to the product.

Cleaning and Maintenance

Vertical Lifelines can be wiped down with a mild detergent and clean water solution, and rinsed with a dampened clean cloth to remove detergent. No Maintenance is required for this product.

Product Label

Pelican Rope Works 5/8" Vertical Lifeline ANSI Z359.1-2007 OSHA 1926.502 Mat:Composite Cap1 @ 310 lbs. Lot#:XXXXX Date Mfg:MM/YYYY Part#:ModelLYTPD- 1-800-464-7673 Length (XXX) Ft		! WARNING! DO NOT REMOVE THIS TAG INSPECT BEFORE EACH USE. ANY USER MUST BE QUALIFIED. MUST READ AND FOLLOW THE MANUFACTURER'S INSTRUCTIONS SUPPLIED AT THE TIME OF RECEIPT. SEE INSTRUCTIONS FOR INSPECTION PROCEDURES. ELONGATION CHARACTERISTICS, CUMULATIVE CONDUCTOR FITTING LOADS AND TENSIONING. AVOID CONTACT WITH SHARP AND/OR ABRASIVE EDGES. ROPE IS NOT MEANT OR PLANNED FOR REPEATED FAILURE TO READ INSTRUCTIONS AND WARNINGS MAY RESULT IN SERIOUS INJURY OR DEATH.	<table border="1"> <tr> <th>Year</th> <th>J</th> <th>F</th> <th>M</th> <th>A</th> <th>M</th> <th>J</th> <th>J</th> <th>A</th> <th>S</th> <th>O</th> <th>N</th> <th>D</th> </tr> <tr> <td>2016</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2017</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2018</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2019</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2020</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Year	J	F	M	A	M	J	J	A	S	O	N	D	2016													2017													2018													2019													2020												
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