

Please read, understand and follow all safety information contained in these instructions, prior to use of this FUSION CLIMB. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH. These instructions must be provided to the user of the equipment. Retain these instructions for future reference.

1**WARNING!**

Do not use for Fall Arrest

- 1.1 Alterations or misuse of this product, failure to follow instructions, may result in serious injury or death.
- 1.2 It is the responsibility of the user and the purchaser of this equipment to assure that users of this equipment are properly trained in its use, maintenance and storage.
- 1.3 Training must be repeated at regular intervals. Training must not subject the trainee to fall hazards.
- 1.4 When this equipment is in use the employer must have a rescue plan and the means at hand to implement it and communicate that plan to its users, authorized persons and rescuers.
- 1.5 Consult FUSION CLIMB when using this equipment in combination with components or subsystems other than those described in this manual.
- 1.6 Some subsystems and component combinations may interfere with the operation of this equipment.
- 1.7 Proceed with caution when using this equipment near moving machinery, electrical hazards, chemical hazards, abrasive surfaces and sharp edges.
- 1.8 Consult a doctor if there is reason to doubt your fitness to safely absorb the shock of a fall event.
- 1.9 Age and fitness seriously affect a worker's ability to withstand falls.
- 1.10 Pregnant women or minors must not use this equipment.
- 1.11 Ensure to only make compatible connections.
- 1.12 DO NOT remove or alter labels.

2**DESCRIPTION**

FUSION CLIMB are composed of various lengths of Nylon or bungee webbing with gear loops, hitched loops or self-closing/self-locking active connector at the end. FUSION CLIMB are ANSI Z359.3-2019 compliant and meet all OSHA regulations.

3**APPLICATION**

- 3.1 Purpose: Restraint lanyards are intended to prevent personnel from reaching a fall hazard. Restraint Lanyards is intended for use on platforms, aerial lifts and other areas. Restraint systems are typically composed of a lanyard and a Full Body Harness or restraint belt.
- 3.2 Restraint Anchorage Strength: Anchorage selected for restraint and travel restraint systems, shall have a strength able to sustain static loads applied in the directions permitted by the system.

4**SYSTEM REQUIREMENTS**

- 4.1 Connector Compatibility: Compatible connectors are considered compatible when connecting elements work together in such a way that their sizes and shapes do not cause their gate mechanisms to inadvertently open regardless of how they become oriented. Do not use equipment that is not compatible. Non-compatible connectors may unintentionally disengage. Connectors must be compatible in size, shape and strength. Substitutions or replacements may only be made by a competent person. Contact FUSION CLIMB if you have any questions about compatibility.
- 4.2 Making Connections: Only use self-locking snap hooks and carabiners with this equipment. Ensure all connections are compatible in size, shape and strength. Do not use equipment that is not compatible. Visually ensure all connectors are fully closed and locked.

DO NOT:

- Attach multiple connections to an anchorage.
- Use the lanyard or positioning lanyards for material handling
- Alter product
- Use connectors in a way that may result in the gate being loaded.
- Allow a false engagement.
- Attach connectors to one another.
- Attach snap hooks or carabiners to any object which is shaped in such a way that the connector will not close or lock or that roll-out could occur.
- Use combinations of components or subsystems or both which may affect or interfere with the safe function of each other.
- REMOVE or ALTER labels.

Fusion climb
4195 Chino Hills PKWY,
Chino Hills Ca, 91709, USA
909-393-9450

www.fusionclimb.com

Non-Shock Restraint Lanyard Instruction Manual

ANSI Z359 Weight capacity range is 130-310 lb.

Introduction

Thank you for purchasing a non-shock restraint lanyard from Madaco Safety Products. This manual will explain how to use your equipment correctly. This manual must be read and understood in its entirety.

Please read, understand and follow all safety information contained in these instructions, prior to use of this Madaco Safety Product. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH.

These instructions must be provided to the user of the equipment. Retain these instructions for future reference.

The user must understand how to safely and effectively use FUSION CLIMB and all FUSION CLIMB fall safety equipment used in combination with the Full Body Harness.

This manual is intended to meet the Manufacturer's instructions as required by ANSI Z359.3-2019 and should be used as part of an employee training program as required by OSHA. This manual assumes the user has been trained in the use of this equipment.

5

INSTALLATION AND OPERATION

5.1 Inspect Equipment: Thoroughly inspect equipment before each use according to these instructions.

5.2 Review environment: Take note of environment, account for all hazards, obstructions and anchorages.

5.3 Attach to Body Wear: Don the harness or restraint belt in accordance with the harness manufacturers' instructions. Attach the hook at the label end of the lanyard to an approved D-ring on the Full Body Harness or restraint belt. Ensure all connectors are properly secure and closed. Attach the other end of the lanyard to an approved restraint anchorage.

5.4 Y-Leg Lanyard: With attachment hook properly attached to the body wear, attach one leg of the Y-leg lanyard to the approved anchorage. Connect the other leg to the parking element on the FBH to safely store it.

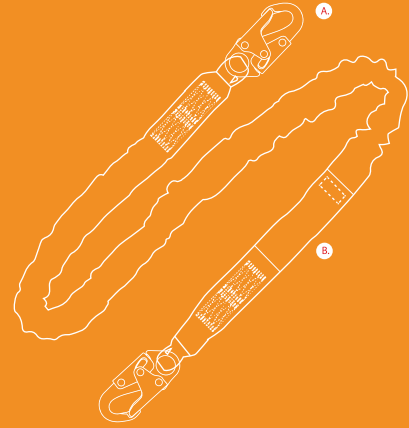
5.5 Y-leg 100% Tie-Off: Attach one leg of the lanyard to an approved anchorage point (A). Move to another location. Attach the other leg to another anchorage (B). Disconnect from Anchorage (A), and store the leg on the park element on the Full Body Harness.

DO NOT:

- Connect more than one person at a time to the Y-leg system
 - Allow for twist or tangles in lanyard legs
 - Allow lanyard to pass under arms or between legs during use
 - Loop the lanyard around small diameter structure and tie-back to the lanyard
- 5.6 Ensure that all fall protection systems/subsystems assembled from components made by different manufacturers are compatible and meet the requirements of ANSI and OSHA. Always consult with a FUSION CLIMB consultant if you are unsure or have any questions.

- Retire immediately if:
- There is a rip or hole in the webbing.
- If the webbing is burnt, singed or melted.
- There are any torn threads or heavy abrasion to the webbing or bar tacks.
- The webbing is faded due to exposure to sunlight.
- Factors that reduce the lifespan of climbing gear: Falls, abrasion, wear, prolonged exposure to sunlight, salt water/air or harsh environments.
- If you have any doubts about the dependability of your gear, or after a serious fall, retire it.

Apart from inspections performed by the user, this product must be inspected at least once every 6 months by competent person for periodic inspections following manufacturer's procedure.



A : Steel Snap Hook
B : Warning label

6

MAINTENANCE, CLEANING AND STORAGE

6.1 Cleaning: Clean Lanyard with a mild bleach-free detergent and then rinse. Allow for lanyard to air dry. Do not allow excessive build-up of dirt, paint, or other agents that may cause damage or hardening of the webbing fibers.

6.2 Storage: Hang to store, do not allow in direct sunlight. Avoid exposure to chemical agents and vapors, airborne debris, and water ingress. Store in a cool, dry and clean environment away from sunlight.

7

INSPECTION

7.1 Frequency: Lanyard are to be inspected by a competent person at least once every six months.

7.2 Procedure: Inspect for:

- Excessive wear
- Fraying
- Deformation
- Abrasion or cuts
- Burn, heat or chemical damage
- Impaired stitches
- Deformation of components
- Fracture, cracks or pitting of components
- Burrs, sharp edges, cuts or deep nicks of components of components
- Missing or loose parts of components
- Improper function of components

7.3 All components shall be fully functional and up to standard according to ANSI and OSHA standards. Gates are to be able to close and lock. All labels are to be present and fully legible.

7.4 Record results of inspection on the Inspection Record. If inspection reveals a defective condition or improper maintenance, remove the unit from service immediately.

Product is up to 7 years from the date of manufacture (even if unused and properly stored). With normal use and proper care the typical lifespan of a LANYARD is two to five years. The actual lifespan can be longer or shorter depending on how frequently you use it and on the conditions of its use.

- Inspect your gear for signs of damage and wear before and after each use.
- Damaged gear must be retired and destroyed to prevent future use.

Warning Label

Positioning Lanyard

For use in restraint or work positioning positioning applications ONLY.

FUSION
www.fusionclimb.com
4155 Chino Hills Pkwy,
Chino Hills, Ca. 91709, USA
909-393-9450

Material: _____

Model No.: _____

Lot/Serial No.: _____

MFG. Date: ___/___/___ Length: _____ Feet

DO NOT REMOVE LABELS!

P1

⚠ WARNING!

Manufacturer's instruction that were included at time of shipment must be read and understood prior to use. Failure to do so may result in serious injury or death. Make only compatible connections. Y-lanyard may only be used where no vertical free fall is possible. Do Not make more than one connection into a loop or eye termination. Do not alter this equipment. For more information refer to the instruction manual included at time of shipment.
Do NOT remove labels.
Adjustable positioning lanyards: DO NOT USE FOR FALL ARREST

P2

Inspection Log

Date of First Use: _____

User identification: _____

Date									
Initial									

A) Initial In-service date
B) Date of passed inspection

P3

Compliant With:

ANSI Z359.3-2019
ANSI A10.32-2012
OSHA 1910, and
OSHA 1926 Subpart M
Standards for Fall Protection

Use only with other OSHA and ANSI compliant

Weight Capacity:

Please read and understand chart below for the allowed worker weight capacity range per specific fall protection regulation. These ranges include all Equipment.

	ANSI	OSHA
130-310 lbs.	X	
100-420 lbs.		X

P4

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:			



Fusion climb
 4195 Chino Hills PKWY,
 Chino Hills Ca, 91709, USA
 909-393-9450
www.fusionclimb.com

Componentes especificaciones

LH-32-FROG-2999

LH-32-8001-8001

LH-32-FL-8001

LH-32-8001-FORG

LH-32-8001-2999

LH-32-HL-2999

LY-24-FR-6013

LY-12-HL-FL

LY-22-HL-NA

LS-22-HL-8020

LY-22-HL-6013

LY-22-HL-6013

LY-22-HL-9005

LS-14-HL-6013

PX-ELASTIC-B

LS-24-GL-NA

LS-24-HL-2013

LS-24-GL-2013

LS-14-GL-GL

LS-24-GL-2005

PX-ANCH-8160

