

Madaco Safety Products, Inc 1313 N. Grand Ave # 249 Walnut, Ca 91789 USA (909)614-1756 www.madaco.com

For Madaco Shock Absorbing, Tuff -shock, restraint, positioning and Self Retractable Lanyards

The following instructions must be read and known before product is used. Not doing so could result in serious injury or death.

The instructions/products contained in this manual are manufactured to meet the requirements set by ANSI Z359.1 and OSHA 1926. This manual should be used in conjunction with your companies training program.

1: Warning

- 1.1 Fall protection lanyards are made to withstand the impact forces of a fall only once. If a lanyard is subject to a fall the lanyard must be destroyed and removed from service, even if there is no visible damage to the lanyard.
- 1.2 Only use compatible devices with this lanyard that will not affect the safe performance of the lanyard as intended. Be sure that all connecting hardware is compatible before use.
- 1.3 Modifications and repairs to the lanyard must be authorized in writing from Madaco. Unauthorized modification or repair may result in injury or death. Misuse or abuse to the lanyard will void the manufactures warrantee.
- 1.4 The user of this lanyard should maintain a documented rescue plan and the ability to access it immediately incase a fall occurs.
- 1.5 Chemical exposure to the lanyard may affect integrity and performance of the components. Be highly cautious of acidic chemicals that may cause damage. If lanyard is exposed to acidic chemicals the lanyard must be destroyed and removed from service immediately.

2: Attachments and Usage

2.1 Lanyards being used for fall arrest are to be attached to the back dorsal D-ring found between the shoulders only. Restraint and positioning lanyards can be attached to side and waist D-Rings but should be used in addition to a fall arrest shock absorbing lanyard. Anchorage points attached to the Personal fall arrest system shall be capable of withstanding a static load of 5,000 lbs for each user that is attached to the system. (ANSI Z359.1)

3: Specifications

- Nylon/Polyester or Kevlar/nomex webbing: 7,000 Lbs
- D-Rings/Attachment points: 5,000 Lbs
- Buckles: 4,000 Lbs
- Hardware: Forged or stamped carbon steel

4: Restrictions

- 4.1 Fall protection lanyards are to be used with other components of a complete personal fall arrest system (PFAS). The system when used correctly will stop a fall while absorbing the impact forces. Madaco fall protection lanyards should only be used with other components manufactured by Madaco unless identified as being safe and compatible by a qualified individual. Use of fall protection lanyards with incompatible (PFAS) systems will negatively affect the performance of the harness.
- 4.2 6 feet is the maximum allowable free fall distance for all Madaco Fall Protection lanyards.
- 4.3 The Maximum weight capacity including tools for full body lanyards unless noted otherwise is 310 LBS.
- 4.4 Hazards such as but not limited to; corrosive environments, gases, heat, power lines, moving vehicles, sharp edges and chemicals require additional safety precautions in order to prevent damage to the lanyard/user. If you have any questions about environmental hazards effects on a lanyard contact Madaco.
- 4.5 Unless stated otherwise this product is not rated for use in areas subject to intense heat or arc flash exposure.

5: Training

5.1 Training: This fall protection lanyard is intended to be used by a trained, qualified competent person that is aware of the correct uses and applications. Contact Madaco for a list of qualified training professionals if you don't have one.

6: Inspection Maintenance and Storage

- 6.1 A maintenance log is provided both on this manual and the lanyard its self, record inspections on both locations. Inspections on the lanyard should be conducted monthly unless it is being used in a hazardous environment, in which case the lanyard should be inspected before and after each use. When inspecting the lanyard look for: burns, cuts, holes, fraying of webbing or stitching, discoloration, cracks, chips or malfunction of the hardware. If any of the above are present destroy lanyard and remove from service immediately.
- 6.2 When storing lanyard keep in a place away from direct sunlight and keep away from extreme temperatures and corrosive present areas that may deteriorate the webbing and hardware.
- 6.3 Warning labels and inspection log located on the lanyard must be present at all times. Clean lanyard as needed with residential grade soap and water do not use acid based solvents. Let the lanyard dry slowly, in doors, away from sunlight and direct heat.

7: Warranty

7.1 Equipment offered by MADACO is warranted against factory defects in workmanship and material for a period of one year from the date of purchase. This warranty does not cover damages to the equipment as a result of abuse, damage in transit, or damages beyond the control of Madaco Safety Products, Inc. The warranty only applies to the original purchaser; also the warranty only applies to products manufactured Madaco Safety Products, Inc.

Inspection Log

Date	Item Inspected	Action Taken	Clean Y/N
Inspected	d By:		

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TYPES OF LANYARDS

AFETY COMPLIANCE

Figure L1:



Single leg fall protection lanyard with internal shock absorber.

Figure L4:



Twin leg, 100% tie off fall protection lanyard with dynamic tubular webbing and external shock absorber.

Figure HW1:



Carbon steel, forged, double locking snap hook rated at over 23 Kn (5,000 LBS). Usable on standard anchor points requiring a gate opening of 34" or less.

Figure L2:



Single leg fall protection lanyard with external shock absorber.

Figure L5:



Twin leg, 100% tie off fall protection lanyard with static webbing and external shock absorber.

Figure HW2:



Carbon steel, forged, double locking rebar hook rated at over 23 Kn (5,000 LBS). Usable on large anchor points requiring a gate opening of 2 1/4" or less.

Figure L3:



Single leg self retractable fall protection lanyard with locking mechanism.

Figure L6:



Single leg, Restraint/Positioning lanyard with no shock absorbing capabilities.

(Do not attach to back D-Ring and use as for fall arrest)

Figure HW3:



Carbon steel, forged, auto locking ladder hook rated at over 23 Kn (5,000 LBS). Usable on flat type anchor points requiring a gate opening of 2 1/4" or less.



MODEL #

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