





MADACO SAFETY PRODUCTS, INC

MADACO FOR LIFE!

Madaco Safety Products (MSP) is a progressive minded company that takes pride in providing top-of-the line safety, rescue and protective gear, founded in 1998 and located in greater Los Angeles area serving and helping workers from safety related hazards nationwide.

What separates MADACO from other competitors?

We offer:

- OEM (Original Equipment Manufacturer) service to customize products
- Quick turnaround time
- Competitive pricing
- Ability to meet & comply with the current applicable standards & regulations
- Great customer service assigned to each account
- Fast delivery
- Well-trained and knowledgeable crew to answer all your guestions
- Berry Amendment Compliant Proudly made in the USA!

To contact MADACO or to find a MADACO affiliate Company or Madaco distributors near you:

Phone Number: Toll-free: 1-877-9-MADACO

TEL: 1-909-614-1756 FAX: 1-909-628-5363

Mailing Address: MADACO SAFETY PRODUCTS, INC

1313 N Grand Ave #249, Walnut CA 91789

Website: www.madaco.com

(place your order online 24 hours a day)

We Accept all major credit cards







Use your existing account or open a new one by contacting us.

Thank You,

- The Madaco Team

ANSI/ OSHA STANDARDS

Who is ANSI?

The American National Standards Institute (ANSI) coordinates the development and use of standards in the United States. It is intended as a guide to aid the manufacturer, the consumer, and the general public, a voluntary standardization system that does not possess the ability to enforce its standards.

Fall protection systems for Construction and Demolition Operations (including safety belts, harnesses, lanyards, lifeline)	ANSI A10.32 - 2004	
General industry for Personal Fall Arrest Systems, Subsystems and Components	ANZI Z359.1-1992 (R1999)	
Fixed Ladders	ANSI A14.3-1002	
Confined Space	ANSI Z117.1-1989	

For Harness:

ANSI Z359.1 requires (but is not limited to):

- D-Rings & O-Rings shall be capable of withstanding a tensile load of 5,000 lbs.
- Adjusters shall be capable of withstanding a tensile load of 4,000 lbs.
- All D-Rings and O-Rings shall be subjected to proof load testing to 3.600 lbs.
- The fall arrest attachment shall be located at the back (dorsal) position.
- Harnesses subjected to impact loading must be removed from service.

For Lanyard:

ANSI Z359.1 requires (but is not limited to):

- · Lanyards shall have a minimum breaking strength of 5,000 lbs.
- Snaphooks shall be sized to be compatible with the member to which they are connected to prevent unintentional disengagement of the snaphook.
- Shock-Absorbing lanyards shall limit the maximum arresting force to 900 pounds.
- Shock-Absorbing lanyards shall limit maximum deceleration distance to 3.5 feet.
- Lanyards subjected to impact loading must be removed from service.

For Connector:

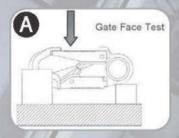
ANSI Z359.1 requires (but is not limited to):

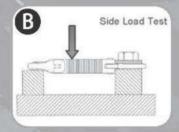
- Anchorage connectors shall be capable of withstanding a 5,000 lb. load multiplied by the maximum number of personal fall arrest systems that may be attached to the anchorage connector.
- An anchorage connector shall be attached to no more than one fall arrest system unless certified for such purpose.
- Connectors subjected to impact loading must be removed from service.
- D-Rings, O-Rings, and oval rings shall be capable of withstanding a tensile load of 5,000 lbs.

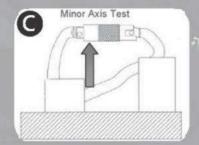
Newly approved ANSI Z359-2007 for Personal Fall Arrest System listed below:

(effective November 24, 2007) - Key changes and additions

ANSI Z359.1 section 3.2.1.4: Stronger gate strength requirement for snaphooks and carabiners.







- A Gate face strength requirement increased from 220 lbs to 3,600 lbs
- B Gate side strength requirement increased from 350 lbs to 3,600 lbs
- Minor Axis strength requirement for both Non captive-eye and captive-eye snaphooks & carabiners increased to 3,600 lbs.
 - ANSI Z359.1 section 3.2.2.5a: allows front D-ring to be used in a fall arrest system that: Limits the maximum free fall distance to 2 ft and the arrest force to 900 lbs

ANSI/OSHA STANDARDS

Who is OSHA?

The Occupational Safety and Health Administration (OSHA) is a federal agency that rules and created to provide U.S. workers with a safe working environment. Non-compliance or violates its regulations can result in serious penalties.

OSHA Regulations under Title 29 of the Code of Federal Regulations for General Industry:

Subpart D, Walking/working surfaces -fixed ladder, ladder safety devices -safety requirement for Scaffolding, Boastwain's Chair	1910.27 (d) (5) 1910.28 (j) (4)
SubpartF	
-Powered Platforms and Building Maintenance	1910.66
-Personal Fall Arrest system	1910.66 Appendix C
Subpart J, Permit-Required Confined Space	1910.146
Subpart R, Special Industries	
-Agricultural Operations	1910.267
-Telecommunications	1910.268
-Electric Power Generation, Transmission and Distribution	1910.269

For Construction:

Subpart E, Personal Protective Equipment -Safety Belts, Lifelines and Lanyards -Safety Nets	1926.104 1926.105
Subpart L, Scaffolds	1926.451 (g)
Subpart M, Fall Protection	
-Scope, Application and definitions	1926.500
-Duty to have fall protection	1926.501
-Fall Protection Systems Criteria and Practices	1926.502
-Training requirements	1026.503
Subpart R, Steel Erection -Fall Protection	1926.750-761

For Harness:

OSHA 29 CFR 1926.502 requires (but is not limited to):

- D-Rings shall have a minimum breaking strength of 5,000 lbs.
- D-Rings shall be proof tested to 3,600 lbs.
- The attachment point of the harness shall be located in the center of the wearer's back near shoulder level.
- Harnesses subjected to impact loading must be removed from service.

For lanyard:

OSHA 29 CFR 1926.502 requires (but is not limited to):

- Lanyards shall have a minimum breaking strength of 5,000 lbs.
- · Snaphooks shall be sized to be compatible with the member to which they are connected to prevent unintentional disengagement of the snaphook.
- Shock-Absorbing lanyards shall limit the maximum arresting force on an employee to 1,800 lbs. when used with a body harness.
- · Shock-Absorbing lanyards shall limit maximum deceleration distance to 3.5 feet.
- Lanyards subjected to impact loading must be removed from service.

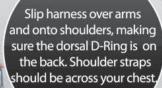
OSHA 29 CFR 1926.502 requires (but is not limited to):

- D-Rings shall have a minimum breaking strength of 5,000 lbs.
- D-Rings shall be proof tested to 3,600 lbs.
- Connectors subjected to impact loading must be removed from service.

GUIDE: HOW TO WEAR YOUR HARNESS PROPERLY

After inspection, pick up harness by dorsal (back) D-Ring & make sure the straps are not tangled.

STEP 1



STEP 2



EVERY YEAR THOUSANDS OF ACCIDENTS OCCUR FROM INCORRECTLY WORN HARNESSES. HERE'S A HANDY STEP BY STEP GUIDE TO PROPER HARNESS DONNING..



STEP 3



Attach Chest strap by mating or quick release buckle, Straps should be six inches below top of shoulders. Pass excess webbing through loop webbing keepers.

STEP 4



Adjust chest & Leg straps by pulling on webbing ends and pushing down on buckles to size.

STEP 5

Attach Laynard to latch ring if not in use.

STEP 6



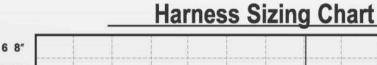
COMPLETE.

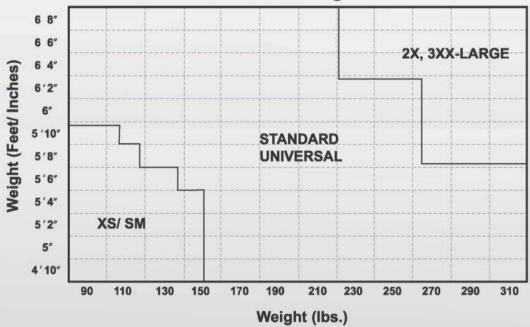


GUIDE: HARNESS SIZING & FALL PROTECTION ICONS

PROPER FIT IS ESSENTIAL FOR COMFORT & PRODUCTIVITY

Whether you wear a harness 8 hours a day or 14 hours a day, it needs to feel good and fit right for optimum comfort, safety and productivity, MADACO hamesses are designed to fit any body size or shape.





KEY ICONS IN THIS CATALOG

There many options in gear, to help determine which one is right for you, look for these icons:



SUSPENSION SYSTEM

A system used to lower and support a worker while allowing a hands-free work environment. It consists of a personal protective gear, connecting device, and anchor point.



FALL ARREST SYSTEM

A system used to arrest a worker in a fall from a working level. It consists of an achorage point, connectors, and body harness



RETRIEVAL SYSTEM

A system used for non-entry rescue from permit-required spaces. It consists of a retrieval line, chest or full-body harness, and a lifting device or anchor.



POSITIONING SYSTEM

A system used to position a worker at an appropriate work level. It consists of an anchorage, body belt or body harness, and connecting device.

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SECTION 1.0: Industrial / Construction

INDUSTRIAL / CONSTRUCTION

1.1 HARNESSES

3 POINT HARNESSES 5 POINT HARNESSES SPECIALTY HARNESSES **RIGGING HARNESSES**



1.2 LANYARDS

SHOCK ABSORBING LANYARDS TUFF-SHOCK LANYARDS **RESTRAINT & POSITION LANYARDS** SELF RETRACTABLE LANYARDS



1.3 COMBO/KITS

ROOF KITS COMBO KITS

1.4 ACCESSORIES

SWEAT GUARDS & STORAGE BAGS ROPES & ROPE GRABS RESCUE LADDERS FABRICS



3 POINT HARNESSES

Feather-Lite™

The Feather-Lite™ series is one of our most popular and cost effective harness line, it is ultra light yet durable for best fit and maximum comfort. Ergonomically designed, full body harness with 3 point adjustments. Featuring single or 3 D-rings based on application, standard quick connect mating buckle or grommet/tongue buckle sub-pelvic straps, lanyard keeper, latch ring and can be used for general fall protection in any industry. Harnesses are made of strong polyester or nylon 1¾″ webbing for easy maintenance. All hardware is plated for corrosion resistance. Available in oversize and extra padding. Meets or exceeds all applicable industry standards including current OSHA and ANSI fall protection standards.



















SPECIFICATIONS:



3 POINT HARNESSES

Proudly Made in the U.S.A Look for this icon on our products.

# of D-Rings	Ω	99	0	99
Name	The Contractor	The Fuego	The Hammer	The Safer
Model No.	TB-201A	TB-201B	TB-201C	TB-201D

Leg and/or Shoulder Pads

Leg Strap Buckle Style



Quick Connect Mating Buckles



OPTIONAL

Quick Connect Mating Buckles



Grommet & Tongue Buckles



Grommet & Tongue Buckles

Webbing Colors











Sizing

UNIVSERAL**

Application













**CUSTOM SIZING AVAILABLE AT ADDITIONAL CHARGE.

5 POINT HARNESSES

Pro-Tuff™

The Pro-Tuff[™]series is an upgrade from our Feather-Lite series with advanced features for best fit and maximum comfort. Ergonomically designed, full body harness with 5 point adjustments. Feature single or 3 D-rings based on application, standard quick connect mating buckle or grommet/tongue buckle sub-pelvic straps, lanyard keeper, latch ring and can be used for general fall protection in any industry. Harnesses are made of strong polyester or nylon 13/4" webbing for easy maintenance. All hardware is plated for corrosion resistance. Available in oversize and extra padding. Meets or exceeds all applicable industry standards including current OSHA and ANSI fall protection standards.



















MADE IN U.S.A

SPECIFICATIONS:

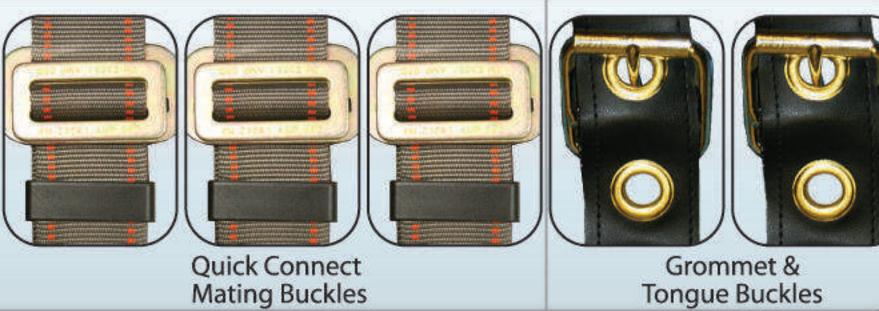


5 POINT HARNESSES

Proudly Made in the U.S.A Look for this icon on our products.

Leg and/or Shoulder Pads			OPTIONAL		
# of D-Rings	8	99		8	99
Name	The Boss	The Resilient	The Resilient-RT	The Compliant	The Burne
Model No.	TB-205A	TB-205B	TB-205B-RT	TB-205C	TB-205D

Leg Strap Buckle Style



Webbing Colors





Sizing

UNIVERSAL**

Application

















**CUSTOM SIZING AVAILABLE AT ADDITIONAL CHARGE.



SPECIALTY HARNESSES

Vest Harnesses TB-201-AV & TB-205-AV



SPECIFICATIONS:

TB-201-AV

Ergonomically light weight designed, full body harness with 3 point adjustment. Built-in class II safety vest with horizontal & vertical reflective strips which allows a self rescue maneuver. Quick connect mating buckles on chest and leg straps. Size: S ~ L.

TB-205-AV

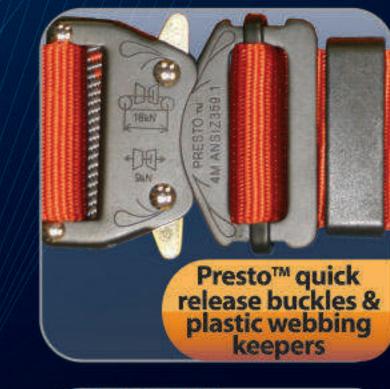
Ergonomically light weight designed, full body harness with 5 point adjustment. Built-in class II safety vest with horizontal & vertical reflective strips which allows a self rescue maneuver. Quick connect mating buckles on chest and leg straps. Size: S ~ L

• Fall Arrest

The Maximus TB-205MAX-HV

The Maximus harness is designed for workers in the general construction industry. Ergonomically designed, this full body harness features 5 point adjustment, and sports an EVA X-Shape pad for full back support and moisture whickering ventilation. Quick side-release Presto™ buckles on chest strap and sub-pelvic straps for fast and easy donning and doffing. One back D-ring for fall arrest. Reflective material throughout the harness for high visibility purpose. Meets or exceeds all applicable industry standards including current OSHA and ANSI fall protection standards. Size: S ~ L. All buckle styles and padding can be changed upon request.

SPECIALTY HARNESSES

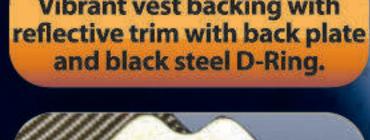












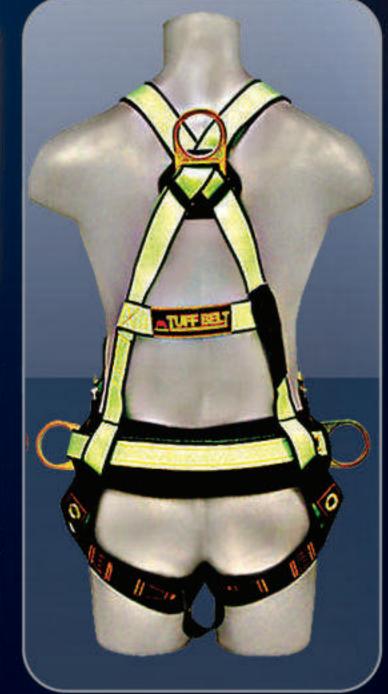




SPECIALTY HARNESSES

Hyper-Fuse TB-205K

The Hyper-Fuse harness is designed for the guy in the general construction industry that demands heavy duty usage. Ergonomically designed, full body harness with 5 point adjustments. Featuring high waist EVA 3D contour pad with an integral waist belt and removable shoulder pads for added comfort and support. Tongue buckle style tool belt and sub-pelvic straps. One back D-ring for fall arrest and 2 side D-rings for work positioning. Meets or exceeds all applicable industry standards including current OSHA and ANSI fall protection standards. Size: S ~ L. all buckle styles and padding can be changed upon request.















Durable & Soft Eva shoulder **Pads**





The Hyper-Tuff Harness TB-205K-P-X



SPECIALTY HARNESSES

The advanced Hyper-Tuff harness is designed for the general construction industry that demands heavy duty usage AND MORE. Ergonomically designed, full body harness with 5 point adjustments. Features a high waist EVA 3D contour pad with an integral waist belt and removable shoulder pads for added comfort and support. X-shape EVA pad is great for full back support and ventilation. Tongue buckle style tool belt. Quick side-release Presto™ buckle on chest strap and sub-pelvic straps. One back D-ring and one 18" extended D-ring for fall arrest and 2 side D-rings for work positioning. Meets or exceeds all applicable industry standards including current OSHA and ANSI fall protection standards. Size: S ~ L. all buckle styles and padding can be changed upon request.



















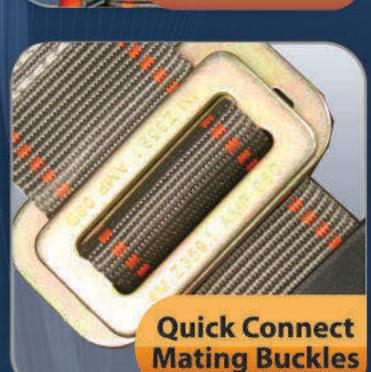
SPECIALTY HARNESSES

Hydration Harness TB-205-AVH



To protect workers from dehydration, OSHA recommends that people working under a hot environment should frequently drink small amounts of water. This harness is specifically designed to prevent workers from getting heat-related illnesses. Full body harness with 5 point adjustment. Features EVA mesh X-pad for full back support and ventilation. Vest wicks out the heat and moisture. Comes with 2 liter built-in water bladder system on the back with reflective trim for high visibility. Quick connect mating buckles on the chest and leg straps. Meets or exceeds all applicable industry standards including OSHA and ANSI fall protection standards. Size: S ~ L.





Webbing

Protector











A



The Deluxe [Bosun Chair Harness] TB-208-BOSUN



SPECIALTY HARNESSES





3D Eva Foam

High waist pad

The Deluxe Bosun chair harness offers the top of the line quality for workers in the oil rigging/ towering/ window cleaning industry. Ergonomically designed, full body harness with 6 point adjustments. Features 3D contour padded back support with an integral waist to carry up to three tool bags and X-Shape EVA foam pad for ventilation and support. Presto™ quick side release buckle style on the front and sub-pelvic straps. Tongue buckle style body belt. Single back D-ring and two side positioning D-rings. Removable Bosun chair with 2 D-rings on each side. This harness provides overall comfort for long hours of wear and use. Meets or exceeds all applicable industry standards including OSHA and ANSI fall protection standards. Size: S ~ L.













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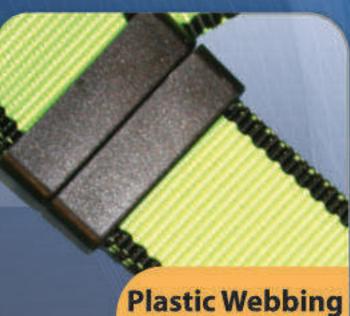
• Fall Arrest

SPECIALTY HARNESSES

The Construction Pro TB-225AP

The Construction Pro harness is designed for the worker in trenches/drilling or oil rigging industry. Ergonomically designed fall body harness with 6 point adjustment. Features wide padded back support with an integral waist belt to carry up to three tool bags and removable EVA shoulder pads. Tongue buckle style tool belt and sub-pelvic straps. 18" extended back D-ring and one back positioning D-ring. This harness provides overall comfort for long hours of wear and use. Meets or exceeds all applicable industry standards including OSHA and ANSI fall protection standards. Size: S ~ L.





Keepers

















OINT RNESSESS

SPECIALTY HARNESSES The Retriever TB-218D-RTX

The advanced harness is designed for the guy in the general construction industry that demands heavy duty usage AND MORÉ. Ergonomically designed, crossover front style full body harness with 5 point adjustments. Great for ladder system, and features a X-Shape EVA foam pad for added comfort, full back support, and ventilation. Tongue buckle style leg strap. Quick side-release Presto™ buckle on chest strap and sub-pelvic straps. One front attachment D-ring and one 18" extended D-ring for fall arrest and 2 side D-rings for work positioning. Meets or exceeds all applicable industry standards including current OSHA and ANSI fall protection standards. Size: S ~ L. All buckle styles and padding can be padding can be changed upon request.

















D-Ring on front & back.

A



RIGGING HARNESSES

The Ronin TB-502



The Ronin harness is specially designed for the guy in the rigging industry that demands heavy duty usage and supreme comfort for long hours of wear. Ergonomically designed, rigger full body harness. 9 point adjustmet with quick side release Presto™ buckles and adjuster buckles. Attachment points at waist and back (dorsal) for fall arrest. Multiple Gear loops around the waist pad. Featuring high waist EVA 3D couture pad adds comfort and ventilation with full back support and EVA foam lined shoulder pads, Bosun chair style seat pad. Meets or exceeds all applicable industry standards including current OSHA and ANSI fall protection standards. All buckle styles and padding can be changed upon request.









piece with plastic webbing

adjuster plate.







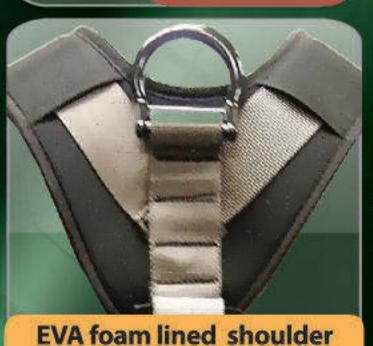
HARNESSES

Zoom GT TB-603

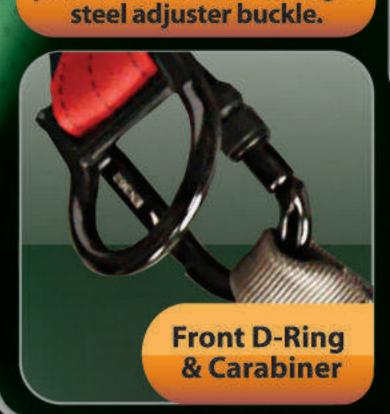


RIGGING HARNESSES





piece. Convenient D-Ring &



The Zoom harness is specially designed for the worker in the rigging/rescue/rope access industry that demands heavy duty usage and supreme comfort for long wear. Ergonomically designed rigger full body harness. Vest style prevents fatigue to neck during suspension. 8 point adjustment with quick side release Presto™ buckles. Attachment points at waist, hips, chest, back (lumbar) and back (dorsal) for fall arrest. Great work positioning using light weight durable aluminum D-Rings. Multiple Gear loops around the waist pad. Featuring high waist EVA 3D couture pad for comfort, ventilation, and full back support. EVA foam lined shoulder pads & leg pads. Meets or exceeds all applicable industry standards including current OSHA and ANSI fall protection standards, also available with your choice of webbing to meet NFPA 1983 Class III standard. All buckle styles and padding can be changed upon request. Available as chest style, seat style, or full body harnesss. 2 sizes: S ~ M, L ~ 2XL. Actual D-Ring colors may vary.



MADE IN

OEM: CREATE YOUR OWN CUSTOM SAFETY GEAR



MSP (Madaco Safety Products, Inc.) can proudly announce that we are the manufacturers of reliable, high quality and innovative, safety and fall protection products. With over a decade of experience, MSP is a nationwide provider in the fall protection, work safety and rescue, and tactical industries.

We deliver a wide range of personal protective equipment from lanyards to safety harnesses that all meet current industry standards. Every OEM product also custom tailored to meet each of our customers' specific needs along with very competitive pricing in a short lead time.

WE MANUFACTURE THE FOLLOWING:

- Industrial /rescue/tactical/recreational safety harnesses
- Nylon, canvas and leather safety belts
- Safety lanyards
- Webbing fabrics
- Safety products
- Current industry standards including: OSHA, ANSI, NFPA and UIAA

Safety is the number one concern for all industries, the advantage to use MSP products is to provide safe working environment and to prevent dangerous situation for your workers and customers. Our in-house R&D will be there with you step by step to answer all the questions throughout the design process.

Contact Madaco Today For More OEM Information!



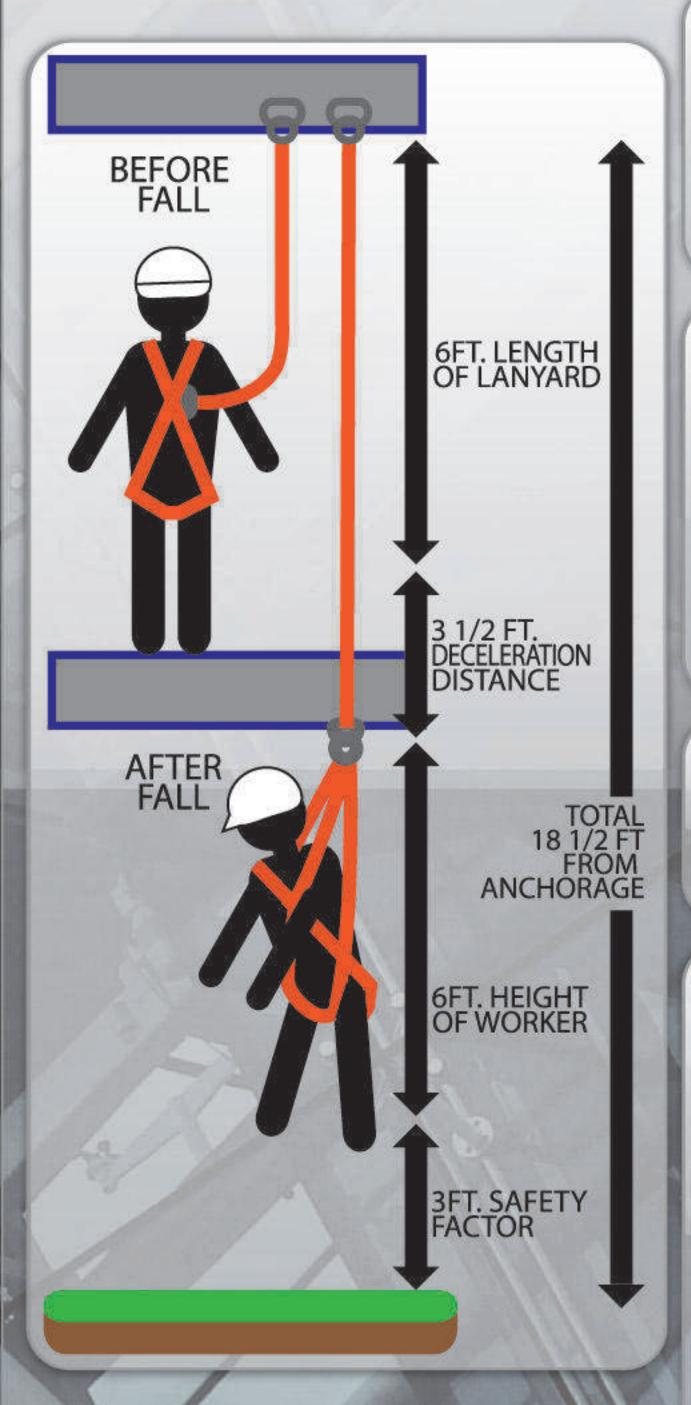


ALL HARNESSES & LANYARDS ARE PROUDLY MADE IN THE U.S.A

MADACO SAFETY PRODUCTS 1(877) 9-MADACO www.madaco.com



FALL PROTECTION - AS SIMPLE AS "A, B, C, D"



A - Anchorage: A secure point of attachment or a fixed structure/structural adaption for lanyards, lifelines or deceleration devices. The anchorage shall be capable of supporting at least 5,000 lbs (22kN) per attached.

OSHA 1926.502(d)(15)(i): As part of a complete personal fall arrest system which maintains a safety factor of at least two.

OSHA 1926.502(d)(15)(ii): Under the supervision of a qualified person.

B - Body Harness/Wear: A personal protective equipment worn by the worker. Designed to protect a worker from falling while limiting the extent of potential injury resulting from a fall. The harness should be snug but comfortable, the sub-pelvic strap should be positioned correctly and for the harnesses subjected to impact loading must be removed from service.

OSHA 1926.502(d)(16)(ii): Personal fall arrest systems, when stopping a fall, shall limit maximum arresting force on an employee to 1,800 lbs when used with a body harness.

** Belts are illegal for use as fall protection effective Jan 1, 1998.

C - Connector: A device/subsystem component connecting the harness to the anchorage - such as a buckle or D-Ring sewn into a body belt/harness or a snap hook sewn to a lanyard or self-retractable lanyard. OSHA 1926.502(e)(iii): Connecting assemblies shall have a minimum tensile strength of 5,000 lbs (22kN)

D - Deceleration Device: A subsystem component designed to dissipate the forces associated during a fall arrest. Such as a rope grab, shock pack lanyard (Madaco tuff-shock lanyard series) and automatic self-retractable lifelines/lanyards. User should have clear idea on choosing the appropriate deceleration device based on the clear free fall distance below the user. Self-retractable lanyards are recommended when there's a limited fall clearance to the ground/ next level. Traveling more than 15 degrees in any direction from the anchorage point increases possible "pendulum" effect.

OSHA 1926.502(e)(iii)(iv)(v): Personal fall arrest systems, when stopping fall, shall: limit maximum arresting force on a employee to 1,800 lbs (8kN) when used with a body harness; be rigged such that an employee can neither free-fall more than 6 ft (1.8m) nor contact any lower level.

LANYARDS

TUFF-SHOCK

SELF RETRACTABLE

SHOCK ABSORBING LANYARDS

Single Leg Stretch & Built-In Shock Pack Lanyards



SHOCK ABSORBING LANYARDS

Specifications:

Single Leg Stretch Lanyards:



Featuring Light weight Stretchable woven core design to absorb the shock of a fall and limits arrest forces to 900 lbs. 134" wide polyester webbing rated over 7,000 lbs. Hooks are ergonomically designed to provide user with easy "latch-on" & "latch-off" operations. All metal parts are made of high density "Drop-forged" metal alloy, surface chrome plated or fog treated for better grip and weather resistance. Double locking hooks at the attachment and anchorage ends. Your choice of hook style listed below, all steel hooks can be replaced by aluminum metal or to meet ANSI Z359.1-2007 with additional cost. Wear pads on metal to ensure long lasting strength. Meets or exceeds all applicable industry standards including: OSHA, ANSI and the stringent ANSI Z359.1.

Model No.	Leng	th: Specifications:	Includes:
L-613-16	6'	2 Carbon Steel double locking snap hooks with stretch lanyard.	600
L-613-16-4	4'	2 Carbon Steel double locking snap hooks with 4 feet stretch lanyard.	BDB
L-613-16HS	6'	2 Carbon Steel (3,600 lbs.) double locking snap hooks with stretch lanyard.	G G
L-613-16HS-4	4'	2 Carbon Steel (3,600 lbs.) double locking snap hooks with stretch lanyard.	600
L-613-16AL	6'	2 Aluminum double locking snap hooks with stretch lanyard.	000
L-613-16AL-4	4'	2 Aluminum double locking snap hooks with 4 feet stretch lanyard.	000
L-613-18	6'	1 Carbon Steel double locking snap hook + 1 double locking Rebar hook with stretch lanyard.	GGA
L-613-18-4	4'	1 Carbon Steel double locking snap hook + 1 double locking Rebar hook with stretch lanyard.	GGA
L-613-18HS	6'	1 Carbon Steel (3,600 lbs.) double locking snap hook + 1 double locking Rebar hook (3,600 lbs.) with stretch lanyard.	ODA or OD
L-613-18HS-4	4'	1 Carbon Steel (3,600 lbs.) double locking snap hook + 1 double locking Rebar hook (3,600 lbs.) with stretch lanyard.	(O)OorOO

Single Leg Lanyards with Built-In Shock Packs:



Designed to facilitate anchoring-scaffolding, pipe or angle irons. Equipped with progressive tearing of custom woven 1 3/4" wide polyester webbing and may elongate up to 42" (shock pack). Webbing is rated 7,000 lbs. For usage in systems allowing a maximum free-fall of 6 ft. Limit arrest forces to 900 lbs. hardware parts are made of drop-forged metal alloy, designed to withstanding the toughest condition. Either alloy steel D-ring or double locking hooks at the attachment and anchorage ends. Your choice of hook style listed below, all steel hooks can be replaced by aluminum metal or to meet ANSI Z359.1-2007 with additional cost. Wear pads on metal to ensure long lasting strength. Meets or exceeds all applicable industry standards including: OSHA, ANSI and the stringent ANSI Z359.1.

Model No.	Length:	Specifications:	Includes:
L-613-01	shock pack	1 D-ring at the anchorage end + 1 double locking snap at the attachment end.	BBO
L-613-01B	shock pack	1 Double locking snap hook at anchorage end + 5" webbing loop at attachment end.	G B
L-613-02B	6'	2 Carbon Steel double locking snap hooks with shock pack lanyard.	BDB
L-613-02B-4	4'	2 Carbon Steel double locking snap hooks attached with shock pack lanyard.	BDB
L-613-02B-HS	6'	2 Carbon Steel (3,600 lbs.) double locking snap hooks with shock pack lanyard.	GDG or GDG
L-613-02B-HS-4	4'	2 Carbon Steel (3,600 lbs.) double locking snap hooks with shock pack lanyard.	ODO or ODO
L-613-02B-AL	6'	2 Aluminum double locking snap hooks with shock pack lanyard.	000
L-613-02B-AL-4	4'	2 Aluminum double locking snap hooks with shock pack lanyard.	000
L-613-02D	6′	1 Carbon Steel double locking snap hook with shock pack lanyard & 5" webbing loop at attachment end.	G O
L-613-06	6′	1 Carbon Steel double locking snap hook + 1 double locking Rebar hook with shock pack lanyard.	600
L-613-06-HS	6′	1 Carbon Steel (3,600 lbs.) double locking snap hook + 1 double locking Rebar hook (3,600 lbs.) with shock pack lanyard.	OPA or OPA

You can choose & customize your own connector pair with any lanyard of choice.

TUFF-SHOCK

TUFF SHOCK LANYARDS

Twin Leg with Built-in Shock Pack













Twin leg designed to facilitate anchoring-scaffolding, pipe or angle irons. Equipped with progressive tearing of custom woven 1 ¾" wide polyester webbing and may elongate up to 42" (shock pack). Webbing is rated 7,000 lbs. For usage in systems allowing a maximum free-fall of 6 ft. Limit arrest forces to 900 lbs. hardware parts are made of drop-forged metal alloy, designed to withstanding the toughest condition. Alloy steel or aluminum double locking hooks at the attachment and anchorage ends. Your choice of hook style listed below, all hooks can be replaced to meet ANSI Z359.1-2007 with additional cost. Wear pads on metal to ensure long lasting strength. Meets or exceeds all applicable industry standards including: OSHA, ANSI and the stringent ANSI Z359.1.

Model No.	Length:	Specifications:
A L-613-10A	4'~ 6'	3 double locking snap hooks
B L-613-10B	6′	3 double locking snap hooks
C L-613-10CA	4'~ 6'	2 double locking rebar hooks at the anchorage end + 1 double locking snap hook at the attachment end . * Rebar hook offers 2 1/4" gate opening for mobility and dexterity.
D L-613-10C	6'	2 double locking rebar hooks at the anchorage end + 1 double locking snap hook at the attachment end . * Rebar hook offers 2 ¼" gate opening for mobility and dexterity.

Webbing Available in Flame or Black 2 double locking aluminum rebar hooks at the anchorage end + 1 double locking aluminum snap hook at the attachment end. *Elastic lanyard.

■ L-613-10E-8009RDBU

SHOCK ABSORBING LANYARDS

Restraint & Position Style



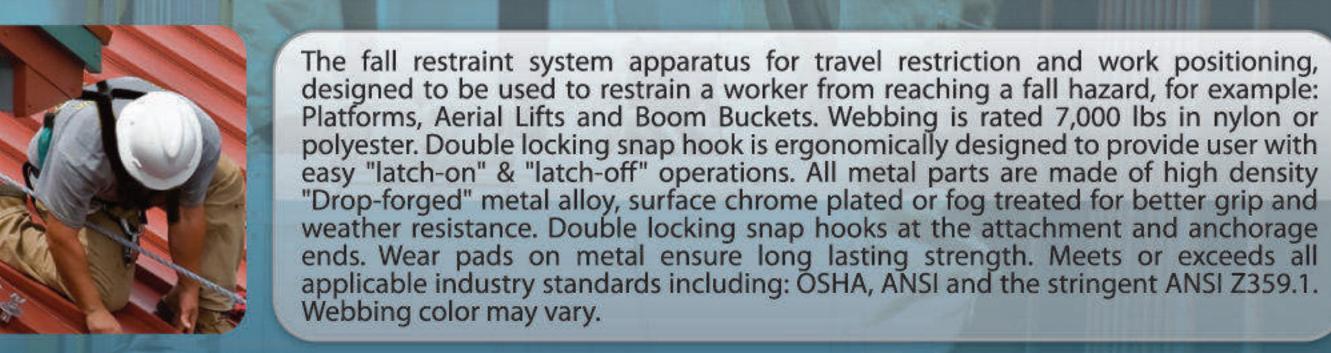












Model No.	Length	: Specifications:
A L-613-33	6′	Double locking snap hooks (Also available in different length
B L-613-24-24	24"	Sling strap loop with Snap hooks. (Also available in different length)
C L-613-43A-6	3'~6'	Adjustable beam strap hard to reach places. (Also available in different length)
D L-613-43-6	6′	Beam strap for hard to reach places. (Also available in different length)



TUFF-SHOCK

SELF RETRACTABLE LANYARDS (SRL)



Standard Construction **Edition**



Arborist/ Pole Climber Edition



Standard Construction Edition



European Tower Climber Edition



1 3/4" wide 8' long Nylon webbing is rated for 5400 lbs of tensile strength, PVC protective cover/housing. Light weight 2.4 lbs. Double locking snap hook is ergonomically designed to provide user with easy "latch-on" & "latch-off" operations. All metal parts are made of high density "Drop-forged" metal alloy, surface chrome plated or fog treated for better grip and weather resistance. Double locking snap hook that secures the lanyard, double locking steel carabiner for SRL connection with captive-eye to avoid misplacement. Inertia brake mechanism when speed exceeds 0.7G. Cost-effective. Meets or exceeds all applicable industry standards including: OSHA ANSI and the applicable industry standards including: OSHA, ANSI and the stringent ANSI Z359.1. Different colors for housing, snaps and carabiners available upon request. Colors are made to order.

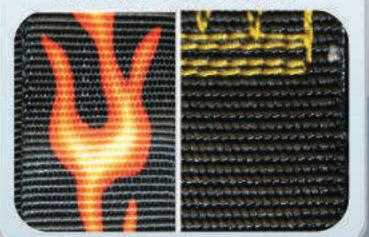
Model No.

- A SRL-9156
- **B** SRL-9156SW
- C SRL-9157
- D SRL-9158

Length & Specs:

- 8' 1 Double lock snap hook,1 Auto-lock carabiner 1-3/4" width webbing 8 feet long, & 1 Shock absorber lanyard attached.
- 1-3/4" Swivel Plate, 1-3/4" width webbing 8 feet long, & Alumium snap hook.
- 1 Double lock snap hook,1 Auto-lock carabiner 1-3/4" width webbing 8 feet long, & 1 Shock absorber lanyard attached.
 - 2 Screw gate carabiners, 1-3/4" width webbing 8 feet long & 1 Shock absorber lanyard attached.

Webbing Available in Flame or Black



ROOF KITS

Custom Roofer's Kits





- MULTI USE STORAGE BUCKET: BK-102: 2 GALLON ROOFER'S BUCKET
- SINGLE-USE ROOF ANCHOR: M8-1034-2: FLAT ROOF ANCHOR FOR SINGLE USAGE, 23KN SHEET METAL WITH 8 NAILS. MEETS ANSI Z359.-1992
- REUSABLE ROOF ANCHOR: M8-1036: D-RING INCLUDED. THE ANCHOR LEGS ARE FULLY ADJUSTABLE FOR ROOF OF DIFFERENT PITCH OR ANGLE, AVAILABLE IN GOLD OR RED COLOR, MEETS ANSI Z359-1992
- ROPE WITH ROPE GRAB: L-RG505: 3 STRAND POLYESTER ROPE W/2" SHOCK PACK LANYARD AND MANUAL ROPE GRAB AND LOCKING CARABINER.

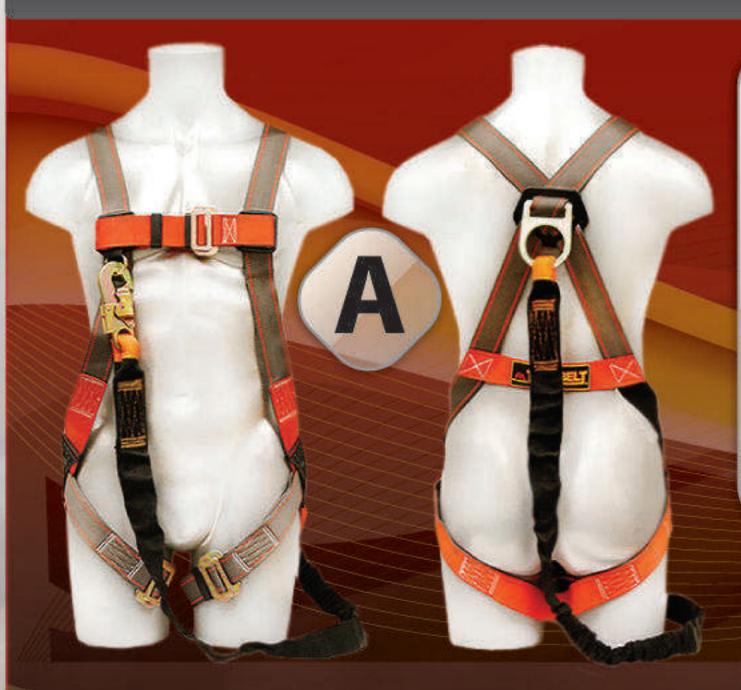


KITING	LUDES:	
0 8	G OR D	(B) WITH 30 FT. ROPE.
A B	G OR D	WITH 50 FT. ROPE.
0	O OR D	3 WITH 50 FT. ROPE.
A B	O OR O	(WITH 100 FT, ROPE
	A B A B	A B G OR D

ROOF KITS

COMBO KITS

Combo Kits



COMBO KIT A MODEL NO. C-201A-16-NB

- 3 PT. ADJUSTMENT FOR UNIVERSAL SIZING WITH ATTACHABLE 6 FT LANYARD
- CONVENIENT BACK STEEL D-RING
- BACK WEBBING ADJUSTER PLATE
- PLASTIC WEBBING KEEPERS
- STRONG POLYESTER WEBBING
- QUICK CONNECT STEEL MATING BUCKLES
- HANDS FREE LATCH RING
- STEEL SNAP HOOK RATED AT 5,000 LBS.
- FREE STORAGE BAG WITH ZIPPER AND BUCKLE

COMBO KIT B MODEL NO. C-201A+16-NB

- 3 PT. ADJUSTMENT FOR UNIVERSAL SIZING WITH DETACHABLE 6 FT LANYARD
- CONVENIENT STEEL BACK D-RING
- HANDS FREE LATCH RING
- PLASTIC WEBBING KEEPERS
- BACK WEBBING ADJUSTER PLATE
- STRONG POLYESTER WEBBING
- QUICK CONNECT STEEL MATING BUCKLES
- SNAP HOOKS RATED AT 5,000 LBS.
- FREE STORAGE BAG WITH ZIPPER AND BUCKLE



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COMBO KIT C MODEL NO. C-205K-16-NB

- 5 PT. ADJUSTMENT FOR UNIVERSAL SIZING WITH ATTACHED 6 FT LANYARD
- MULTIPLE STEEL D-RINGS
- HANDS FREE LATCH RING
- PLASTIC WEBBING KEEPERS
- QUICK CONNECT STEEL MATING BUCKLE
- BACK WEBBING ADJUSTER PLATE
- STRONG POLYESTER WEBBING
- GROMMET LEG STRAPS WITH TONGUE BUCKLES
- SOFT WAIST PAD FOR LOWER BACK SUPPORT
- FOAM SHOULDER PADS FOR COMFORT
- STEEL SNAP HOOK RATED AT 5,000 LBS.
- FREE STORAGE BAG WITH ZIPPER AND BUCKLE

Combo Kits



COMBO KIT D MODEL NO. C-201A-02D-NB

- 3 PT. ADJUSTMENT FOR UNIVERSAL SIZING WITH ATTACHABLE 6 FT LANYARD
- BACK STEEL D-RING
- BACK WEBBING ADJUSTER PLATE
- **STRONG POLYESTER WEBBING**
- QUICK CONNECT STEEL MATING BUCKLES
- HANDS FREE LATCH RING
- •STEEL SNAP HOOK RATED AT 5,000 LBS.

All Combo Kits come with a FREE STORAGE BAG

Custom logo available on reqest

Choose from 2 styles & 3 colors! Pick either clear or solid front & select a canvas color!





COMBO KIT E MODEL NO. C-201A+02B-NB

- 3 PT. ADJUSTMENT FOR UNIVERSAL SIZING WITH DETACHABLE 6 FT LANYARD
- BACK STEEL D-RING
- BACK WEBBING ADJUSTER PLATE
- STRONG POLYESTER WEBBING
- QUICK CONNECT STEEL MATING BUCKLES
- HANDS FREE LATCH RING
- STEEL SNAP HOOK RATED AT 5,000 LBS.
- FREE STORAGE BAG WITH ZIPPER AND BUCKLE

ACCESSORIES

Sweat Guards & Storage Bags

HARD-HAT LINER MODEL NO. SP-HHL-211

- 100% Cotton,
- Ultra Light-Weight Rib KnitFits Under Hats/Helmets
- No Tying Required
- One Size Fits All
- Machine Washable
- Shields UVA/UVB Rays



PORTABLE BAG

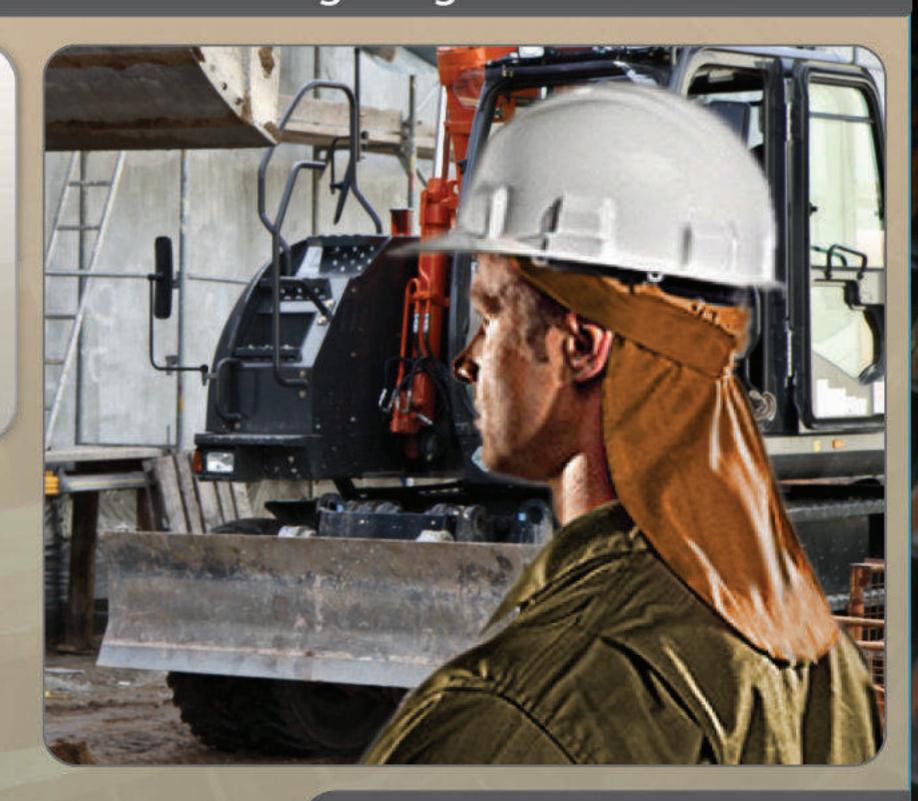
MODEL NO. AG-1205 (SOLID FRONT) AG-1206 (CLEAR FRONT)

Durable Poly Canvas bag with thick trim. Choose from either solid or clear front. Comes with zipper for convenient storage options. Features convenient side strap loop with a plastic buckle.



DUFFLE BAG MODEL NO. AG-DUFFLE

Heavy duty canvas duffle bag. Features 4 zipper pockets and a spacious inside. Comfortable velcro handle loop grip. Weather-proof.



DURABLE & LIGHT





DURABLE STORAGE OPTIONS



MESH BAG MODEL NO. AG-1201S

Ventilated mesh drawstring storage bag. Ideal for light carry, aired bag convenient for all accessories.

ROPES & ROPE GRABS



Rope Grab & Rope

MODEL NO.	MATERIAL INFORMATION
L-RG-2	Rope grab with 2 ft. shock pack.
L-RG30	30 ft. 3-strand poly rope with shock pack, snap hook at one end and carabiner at the other end. One rope grab attached to the rope for attachment point.
L-RG50S	50 ft. 3-strand poly rope with shock pack, snap hook at one end and carabiner at the other end. One rope grab attached to the rope for attachment point.

Rope

P	MODEL NO.	MATERIAL INFORMATION	
	L-030	30 ft. 3-strand poly rope	
ı	L-050	50 ft. 3-strand poly rope	
ķ	L-100	100 ft. 3-strand poly rope	



Self-tracking and locking steel rope grab. Designed for use with 5/8" ~ ½" (12 ~ 16 mm) three strand rope. Built for simple yet reliable operation and positioning. Meets ANSI Z359.1 standards.

M8-6092-S



Manual rope grab with a smaller eye. Easy to press or release to move along. Built for simple yet reliable operation and positioning. Ideal choice for use with roof kit rope in climbing or slope operations. Designed to be used for 5/8" rope. Meets ANSI Z359.1 standards.



Manual rope grab with a large, mobile eye. Easy to press or release to move along. Built for simple yet reliable operation and positioning. Ideal choice for use with roof kit rope in climbing or slope operations. Designed to be used for 5/8" rope. Meets ANSI Z359.1 standards.

ACCESSORIES

RESCUE LADDERS





Rescue Ladder

MODEL NO. L-LD-1001



Rescue Ladder with carabiner, Specially designed for users to relieve pressure by placing foot into the step loops and stand up in the harness. Helping users with post fall position to prevent suspension trauma.

6 ft. suspension Rescue Ladder with ladder pouch and velcro side. Can be attached to the harness, easy simple installation. Light weight and portable . Loop design for foot suspension relief.

Trauma Safety Strap helps prevent the effects of suspension trauma after a fall, allows users to standup in their own harness and relieve the pressure.

Step 1: Relax

Step 2: Pull

Step 3: Step In

Key Features:

- * Tangle Free
- * LightWeight
- * Can be Used on Any Harness



Nylon, PE, PVC, Textilene, UV Fabrics



SECTION 2.0: Safety/ Rescue

SAFETY/ RESCUE

HEAD & EYE PROTECTION

HEAD PROTECTION EYE PROTECTION



2.2 HEARING & HAND PROTECTION

HEARING PROTECTION HAND PROTECTION



2.3 SAFETY VESTS & DISPOSABLE WEAR

SAFETY VESTS **DISPOSABLE GLOVES** DISPOSABLE APPAREL



2.4 RESPIRATORS

N95 MASKS **DUST MASKS RESPIRATORS**



2.5 WORK & RESCUE

FIRST AID KITS EMERGENCY PREPAREDNESS KITS RESCUE KITS HOT STICKS CAUTION TAPE

