



Fire Rescue
Rope Access
Mountain Rescue

Industrial
Rigging
Rescue
Confined Space

Wind Energy
Climbing

Helicopter Operations
Military
Tactical

2013-14



WELCOME TO YATES

Yates Gear was started in 1982 by James and John Yates, with its foundation being manufacturing mountaineering and rock climbing equipment. Over the years, innovative, functional, comfortable and safe products have set Yates apart in the climbing, technical rescue and tactical equipment arena. Our background in big wall climbing has shown through in the design and development of rescue, rigging, rope access and tactical specific equipment that is the best possible combination of low weight, function, comfort and durability. Our research and development is driven by a unique collaboration and long relationship with the technical rescue, rigging, rope access, mountain rescue and special operations communities throughout the world. Part of our success is attributed to this joint collaboration and with end users that have generously helped us develop ideas from their inception to final deployment and continued evolution. We deeply thank all of those who have helped contribute their ideas and expertise to help all end users of Yates products.

A high degree of safety is a standard we **never** compromise in our equipment. Our attention to meticulous workmanship, detail and producing the highest quality products has set an industry standard. We have developed many unique materials to produce specialized and innovative products including proprietary hardware, adjusters, webbing and foam laminates. Yates goes the extra mile to produce products that have been extensively field and lab tested to ensure that they perform in the rigorous manner which is necessary in this field. You know when you purchase a Yates product you are purchasing only the best!

Classified by UL, LLC

Much of the Yates line of equipment has been classified by Underwriters Laboratory, LLC (UL) to meet or exceed the requirements of NFPA 1983 Standard for Life Safety Rope and System Components. Since 1993 Yates Gear has been using UL to third party certify our rescue, industrial and tactical products. Our commitment to excellence can be seen in our efforts to manufacture equipment of the highest quality that is independently tested and certified. This ensures that our products will fully meet and often exceed your expectations for quality, strength and durability.

ISO 9001:2008 Certification

Yates Gear Inc. is proud to be certified to ISO 9001:2008 Quality Management System. This ensures that all elements of a company from product development and testing to customer service, production, inspection and shipping are all up to the highest standard. All of the employees here at Yates are dedicated to providing the best possible products and services for our customers.

Berry Amendment Compliance, Made in the USA

Yates Gear Inc. is proud to produce the highest quality products that are Berry Amendment (USC, title 10, section 2533a) compliant. All of our sewn goods are compliant to this amendment and made in the USA.

Commercial and Government Entity (CAGE) Code 45187

Product Information

A complete online product guide can be seen at www.yatesgear.com with detailed product information. Product updates and new products can also be found there. Products cannot be ordered directly online. You must contact your local Yates dealer or Yates Gear directly to place orders.

Ordering and Price Quotation Information

Yates Gear is dedicated to supporting our network of Professional line dealers. They should be your contact for product information and support. Call the Yates Gear sales and customer service department at 1-800-YATES-16 or 530-222-4606 for a Yates Professional dealer in your area.

Prices are subject to change without notice.

Every attempt is made to keep our prices at published rates. Unfortunately, due to the extreme volatility of petroleum products, such as nylon, we cannot guarantee prices on products will remain constant from the date of price sheet printing. We will provide updated price sheets to dealers when extensive changes are required to be made, and they will be updated on our website at www.yatesgear.com. We apologize for any inconvenience this may cause.

To place an order or obtain a quote directly from Yates Gear

1. Order or quote by phone 800-YATES-16 (800-928-3716) or 530-222-4606
Order or quote by fax 800-YATES-16 (800-928-3716) or 530-222-5047
Order or quote by email info@yatesgear.com
2. To obtain a quote, a submission must be made in writing via email, fax or letter.
3. Yates Gear ordering and customer service hours are 7:00 am to 4:30 pm Monday thru Friday, Pacific Standard time.
4. Use catalog product numbers and descriptions. Please indicate size, color, and length, where applicable.
5. Payment methods are credit card (all types) or purchase orders from a government agency, municipality or industrial facility (with approved credit).
6. Shipping charges. Yates has some of the lowest shipping charges in the industry because we only charge you what we are charged for shipping. No inflated or hidden charges and fees.

Returns and Damaged Shipments

Products to be returned to Yates Gear for any reason must first have a return authorization number. Please call or email Yates Gear directly to obtain a return authorization number. A return authorization number must also be obtained prior to sending any product back to Yates Gear for repair or service.

If your received shipping container is damaged, open the carton and inspect the contents. Damaged or missing contents should be reported immediately to the carrier.

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FULL BODY HARNESSES



330 NFPA Full Body Harness

330A Padded NFPA Full Body Harness (shown)

Designed for fire department, rescue, military, industrial and commercial applications where a rear fall arrest D attachment point is not required. Seat portion is easily donned and adjusted by use of camlock buckles. Chest portion includes front D ring for high point of attachment for belay line. Two models available, basic and padded. Weight 330 3 lb. 11 oz. 330A 4 lb. 7 oz.

- 330 one size, fully adjustable
- 330A sizes S, M, L, XL
- Large waist D ring for multiple connections
- Slot webbing construction
- Chest and seat separate to create a Class II seat harness
- Waist pads on 330A can be removed
- 3 inch leg pads on 330A can be removed
- Optional pads can be added to 330 after purchase
- One gear loop, 4 on padded version
- Seat UL classified to meet NFPA 1983/2012 edition standards
- Available in black or orange



380 Voyager Harness

The Voyager has become the standard of the rescue professional who needs a versatile harness with multiple attachment points. 5 inch waist pad provides extreme comfort. Quickly and easily donned and adjusted by use of camlock buckles. Wide leg pads for more comfort. Attachment points at waist, hips, chest, back (lumbar), back (dorsal) and shoulders. Weight 6 lbs.

- Sizes S, M, L, XL
- Large D rings for multiple connections
- UL classified to meet NFPA 1983/2012 edition standards
- Meets ANSI/OSHA and CAN/CSA Class III harness standards



384 Technical Rescue II Harness

A super lightweight version of the popular Yates Voyager Harness. Great harness for entry level technical rescue, rope access, short haul, and basic rope rescue uses. Waist belt portion and leg pads of the harness use smaller and thinner padding material to save weight and reduce bulk still providing excellent comfort and support. Leg pad orientation can be adjusted to allow the user to obtain a perfect placement of the leg pad system to accommodate personal preferences. Dorsal D ring is easily adjustable on rear of chest. Attachment points at waist, chest, and back (dorsal). Rear haul/tag line attachment 3600 lbf. webbing loop. Shoulder straps are specially tailored to reduce chafing of the neck. Weight 4 lb. 4 oz.

- Sizes S/M, L/XL
- UL classified to meet NFPA 1983/2012 edition standards
- Meets ANSI/OSHA and CAN/CSA Class III harness standards
- Optional contoured shoulder pads available (**item 414**)
- Optional 7 mm delta link can be added to contoured shoulder pads for confined space spreader bar attachments (item# 1779)

FULL BODY HARNESES



335 Heavy Rescue Harness

Well suited for all fire rescue, rescue, military, industrial, confined space and commercial applications where a Class III harness is required including dorsal D ring. This full body harness combines the fall arrest protection needed in a Class III harness with the comfort of a waist level rappel point. D rings on top of the shoulders allow the use of a spreader bar system for industrial use. Forged color coded two piece quick connect leg and sternum buckles allow the harness to be easily donned in confined space situations. Weight 4 lb. 11 oz.

- One size, fully adjustable and in Small and XL
- Color coded quick connect leg buckles
- UL classified to meet NFPA 1983/2012 edition standards
- Meets ANSI/OSHA Class III harness standards

SEAT HARNESSES



323 Kevlar Ladderman

Same construction as our Ladderman Harness manufactured from heat resistant Kevlar webbing with Nomex pouch. Ultimate in heat resistance. Weight 3 lb.



425 Yates Full Body Chest Harness

Combine with a compatible seat harness to create a Class III full body harness. Includes front D ring for high point of attachment for belay line. Helps in keeping user upright. *Warning shoulder straps are not intended for vertical lifting.* Weight 1 lb. 15 oz.

- One size, fully adjustable
- Available in black or orange



70100 RSI/Yates Safe-Out

Designed by Spec Rescue International and Rescue Systems Inc. to accommodate personal escape systems which utilize a Crosby hook. Perfect harness for use with the Petzl EXO. Designed to be donned with turnout pants. Utilizes quick connect waist buckle. Can be easily fitted to turnout pants using the existing keeper loops supplied on many turnouts. If turnouts do not have keeper belt and leg loop straps, they must be added by the user to secure the harness. The Safe-Out harness is the most versatile escape harness available.

- Designed for bailout *and* rescue operations
- One size, fully adjustable
- Large waist D ring for rescue applications
- Compatible with Petzl EXO Personal Escape System
- UL classified to meet NFPA 1983/2012 edition standards

543 Yates Harness Extension

Specially designed to girth hitch to Yates escape belts and escape and class II seat harnesses that are used or integrated into turnout gear for extension of personal escape systems. Low profile, girth hitch design eliminates the need for additional or cumbersome carabiner connection to the harness. Small loop on connector end holds screwlinks or carabiners for snug attachment to escape device. Works with any Yates escape kit and Petzl EXO.

- Length 12 inches (30cm)
- Strength 6075 lbf. (27kN)





321 Nylon Ladderman/Victim Rescue Seat Harness

Lightweight harness specially designed for ladder use and victim rescue. Quick connect snap hook and D ring adjustment system allows for fast application. Waist pocket securely holds leg straps until needed and in victim use it enables rescuer to apply belt to victim giving the rescuer a fast clip-in point. Leg straps are then removed and applied. Waist and leg portions of harness are color coded using orange, blue and black webbing to assist in easy application. Leg buckles are also color coded and are quickly adjustable when on victim. Combine with Yates Ladder Hook Extension for the perfect solution to safety on ladders. Weight 2 lb. 3 oz.

- One size, fully adjustable
- Large waist D ring for multiple connections
- Waist pad under buckle for added comfort
- UL classified to meet NFPA 1983/2012 edition standards



328 RSI Rescue Triangle

A great improvement on a classic design. Adjustable enough for the largest victim, but also fits children. The deep, contoured bucket seat improves security and instills confidence in the patient. It incorporates a unique built in waist belt that stays in place until loaded. Made from mesh for breathability with webbing reinforcement throughout. Mesh makes this unit very applicable to situations where the patient is in an environment involving water. To apply the Rescue Triangle you simply slip it around the victim, fasten the waist belt, clip together three D rings and go! Great for thrill ride evacuations or anytime a rescue harness is difficult to apply. Weight 2 lb. 7 oz.

SEAT HARNESSES



(A) 320 NFPA Seat Harness

(B) 320A Padded NFPA Seat Harness

Designed for fire department, rescue, military, industrial and commercial applications where a Class II seat harness is required. Quickly and easily donned and adjusted by use of camlock buckles. Weight 320 1 lb. 9 oz. 320A 2 lb. 8 oz.

- 320 one size, fully adjustable
- 320A sizes S, M, L, XL
- Large waist D ring for multiple connections
- Slot webbing construction
- Chest harness can be added to create Class III harness
- Waist pads on 320A can be removed
- 3 inch leg pads on 320A can be removed
- Optional pads can be added to 320 after purchase
- One gear loop, 4 on padded version
- UL classified to meet NFPA 1983/2012 edition standards
- Available in black or orange



1937 Petzl EXO
Personal Escape System

The Petzl EXO Personal Escape System provides firefighters with a fast, reliable means of escape from a burning structure when using a conventional exit is no longer possible. A firefighter trained and equipped with the EXO system can quickly deploy the unique anchor and rope, then move rapidly towards an egress point and descend to a lower level.

- Descender has self-braking function
- Fast, easy deployment
- Versatile anchoring
- Heat and cut resistant rope
- Designed in collaboration with FDNY
- UL classified to meet NFPA 1983/2012 edition standards
- **EXO training provided thru Yates Professional, call for info**



Hybrid Escape Line Kits

Unique pouch design made from extra heavyweight washable Defender 950 Nomex fabric for heat and flame resistance. Reflective trim for added visibility. Bags are specially designed for easy rope deployment with structural firefighting gloves. Yates quick release attachment system allows the firefighter to quickly remove the pouch from their escape belt or SCBA. *NOTICE: Use of a personal escape system requires special training and skills.* Kit includes NFPA classified BlueWater Hybrid personal EscapeLine, 30 inch movable Nomex rope protector, easy to use Kong Tango aluminum snap hook for anchor end of line, Petzl Freino carabiner for attachment of BlueWater Micro 8 descender (NFPA classified) to user, and Nomex pouch.

item#	length	rope	carabiner	descender
1935	75 feet	Hybrid Escape	Petzl Freino	BlueWater Micro 8



371K Kevlar Truck Escape Belt

Kevlar Class I personal escape belt. Utilizes quick connect snap hook and D ring adjustment system. Constructed of two layers of 9000 lbf. Kevlar webbing (coated to reduce wear and abrasion) with an inner stiffening material to increase stiffness for carrying tools. Pad under buckle made of Nomex material. Two additional D rings can be adjusted to affix a personal escape rope pack. Weight 1 lb. 10 oz.

- One size, fully adjustable and XL (item 371KXL)
- Optional Fire Tool Holster can be added (item 558)
- UL classified to meet NFPA 1983/2012 edition personal escape standard

371N Truck Escape Belt

Nylon Class I personal escape belt. Same construction and features of the Kevlar Truck Escape Belt in nylon. Weight 1 lb. 7 oz.

- One size, fully adjustable and XL (item 371NXL)

370 SCBA Ladder/Escape Belt

Kevlar Class I ladder/personal escape belt. Easily fitted to any Scott SCBA unit. Simply install over existing waist belt and follow step-by-step directions for retrofitting. Constructed of 9000 lbf. Kevlar webbing that is coated to reduce wear and abrasion. Will fit various other brands of SCBA's including MSA and Drager. Combine with Yates Ladder Hook Extension for the perfect solution to safety on ladders. Weight 1 lb. 13 oz.

- One size, fully adjustable
- Custom designs available for SCBA models not listed

Solucote

A treatment to the webbing on all of our UL classified harnesses, it is a solvent free, durable, aqueous anionic polyurethane latex coating that dramatically reduces flammability and increases abrasion resistance.



369 Nylon Ladder Belt

Nylon ladder/personal escape belt. Extra large, double locking quick connect snap hook and large locking D ring adjustment system that is easy to use while wearing gloves. Constructed of two layers of nylon webbing to increase stiffness when carrying tools. Pad under buckle for comfort. Two additional D rings can be adjusted to affix a personal escape rope pack. Combine with Yates Ladder Hook Extension for the perfect solution to safety on ladders. Weight 2 lb. 4 oz.

- One size, fully adjustable and XL
- Also available in all Kevlar (item 368)



311 Rescue Sling

Quick and simple sling favored by ski patrol and swiftwater rescue personnel. Padded, side opening design uses quick connect snap hook and D ring. Rescue sling can also be donned by slipping over victims head and adjusting with sliding chest buckle. Weight 1 lb. 8 oz.

- One size fits most



Ladder Hook Extension

Allows firefighters to attach themselves safely to a ladder rung or tower platform. Overall length of 20 inches. Easy to operate double locking snap hooks are located at each end of the strap. The extra large hook will open to 2.5 inches to accommodate any ladder rung. The small hook is attached to the users D ring. Lanyard is made of Kevlar interior for strength and a Nomex exterior for wear and durability.

- Strength 5000 lbf. (22.2kN)
- New snap hooks meet ANSI Z359.1-2007 3600 lbf. side load gate strength

324A	Steel Hooks	2.4 lbs.
324C	Aluminum Hooks	1.5 lbs.

Ropes That
RESCUE



390FR Electric Arc-Flash Professional Tower Harness

Designed in conjunction with PG&E especially for transmission tower workers and rescuers, this harness meets the stringent requirements of ASTM F887-05 Electric Arc-Flash rating for personal climbing equipment. Built with webbing which is a blend of Nomex for comfort and durability and Kevlar for strength. Wide waist pad for comfort and back support. Modular work/tool pouch system allows the user to customize each harness to their own arrangement. Easily adjustable for variations in clothing. Attachment points at waist, hips, chest, back (lumbar) and back (dorsal). Extra large side positioning rings allow the user to easily make connections to safety belt. Chest harness can incorporate a chest ascender (not included) and is contoured to reduce chafing of the neck. Also suitable for electric utilities helicopter short haul program. Weight 7 lb. 7 oz.

- Sizes S, M, L, XL
- Meets ANSI/OSHA Class III full body harness standards
- Meets ASTM F887-05, ANSI Z359.1-2007



1785 Power Fly Harness Carabiner

Quick connect carabiner that can replace the existing screw link connector used on many full body harnesses such as the Basic Rope Access, Voyager Riggers, Voyager, and RTR Tower Access. Stainless steel. Strength 5850 lbf. (26kN).



**Great for
Technical Rescue
Instructors!**



380R Voyager Riggers Harness

For professional use in stage rigging and construction applications where a lightweight Class III harness with positioning rings and multiple attachment points is desired. 5 inch waist pad provides extreme comfort. Quickly and easily donned and adjusted by use of camlock buckles. Contoured shoulder webbing with removable shoulder pads. Improved wider leg pads for more comfort. Attachment points at waist, hips, chest, back (lumbar) and back (dorsal). Weight 5 lb. 9 oz.

- Sizes S, M, L, XL
- All black material with contrasting thread
- Large D rings for multiple connections
- UL classified to meet NFPA 1983/2012 edition standards
- Meets ANSI/OSHA and CAN/CSA Class III harness standards



386 Basic Rigging Harness

A super lightweight version of the Yates Basic Rope Access harness. Great harness for entry level rope access, theatrical rigging, wind tower climbing, short haul, and basic rope rescue uses. Waist belt portion and leg pads of the harness use smaller and thinner padding material to save weight and reduce bulk still providing excellent comfort and support. Leg pad orientation can be adjusted to allow the user to obtain a perfect placement of the leg pad system to accommodate personal preferences. Harness is easily adjustable for variations in clothing by use of camlock buckles. Dorsal D ring is easily adjustable on rear of chest. Attachment points at waist, chest, and back (dorsal). Rear haul/tag line attachment 3600 lbf. webbing loop. Chest harness specifically designed to incorporate a chest ascender (not included) for rope access work. Shoulder straps are specially tailored to reduce chafing of the neck. Weight 4 lb. 4 oz.

- Sizes S/M, L/XL
- UL classified to meet NFPA 1983/2012 edition standards
- Meets ANSI/OSHA and CAN/CSA Class III harness standards
- Optional contoured shoulder pads available (**item 414**)



**Ropes That
RESCUE**



390 RTR Tower Access Harness

Designed to meet the demands of the transmission line worker, structural access professional and arborist. It also excels as a technical and rope rescue harness. New wider anatomical waist pad for increased comfort and added back support. Modular work/tool pouch system allows the user to customize each harness to their own arrangement. Easily adjustable for variations in clothing by use of camlock buckles. Attachment points at waist, hips, chest, back (lumbar) and back (dorsal). Extra large, side positioning rings (lineman style) allow the user to easily make connections to safety belt. Chest harness specifically designed to incorporate a chest ascender (not included) for tower access work and is specially tailored to reduce chafing of the neck. Weight 6 lb. 11 oz.

- Sizes S, M, L, XL
- UL classified to meet NFPA 1983/2012 edition standards
- Meets ANSI/OSHA and CAN/CSA Class III harness standards
- Now comes with removable contoured shoulder pads
- **Also available in Kevlar version for welding at height (item 390K)**



799 ISC Red

The ISC Red is a simple, highly effective back-up device. The Red's non-aggressive cams have a positively locking spring, making the device self-parking, rather than self-tailing. This self-parking function is important for rope access work techniques as it provides for the device to remain in a high position so as to reduce free fall to a minimum. The Red makes use of rotational braking, the more the device rotates clockwise, the greater the build up of friction, which provides the automatic braking in the event of a fall or sudden pull on the connecting lanyard. To increase the effectiveness of the rotational brake in a panic situation (for example, a main-line failure), the Red is fitted with a "popper" tow cord release clip. The Red is tested and approved for two person rescue loads in rope access situations. Meets ANSI Z359.1-2007 and OSHA requirements in North America. Certified to CE EN 353-2, EN 358, EN 567. Lazer marked ANSI Z359.1-2007.

Technical specifications:

- 10 to 12mm semi-static ropes (EN 1891 type A) certified with the device
- Weight: 202g

If used for fall protection, to meet ANSI and EN requirements, the Red must be used without a lanyard or in conjunction with a lanyard under 40 cm (16 inches) to limit maximum potential fall distance to less than 1 meter.



387P Basic Rope Access Professional Harness

A state-of-the-art version of our popular Basic Rope Access harness. New lightweight aluminum D rings are used on side positioning, chest, and dorsal fall protection connections creating a significantly lighter chest component overall. Wide anatomical waist pad for increased comfort and added back support. Modular work/tool pouch system is included. New Cobra ANSI Z359.1 certified aluminum quick connect leg buckles are used for ease of donning. Leg pad orientation can be adjusted to allow the user to obtain a perfect placement of the leg pad system to accommodate personal preferences. Attachment points at waist, hips, chest, back (lumbar) and back (dorsal). Chest harness specifically designed to incorporate a chest ascender (not included) for rope access work and the shoulder straps are specially tailored to reduce chafing of the neck. Weight 5 lb. 6 oz.

- Sizes XS, S, M, L, XL
- Meets ANSI/OSHA Class III full body harness standards
- Now comes with removable contoured shoulder pads



Wide waist pad!
Basic Rope Access and
RTR Tower Access.



387 Basic Rope Access Harness

A tuned down version of the RTR Tower Access harness. Waist belt portion of the harness uses smaller sized D rings to save weight and reduce bulk. New wider anatomical waist pad for increased comfort and added back support. Modular work/tool pouch system is not included. Leg pad orientation can be adjusted to allow the user to obtain a perfect placement of the leg pad system to accommodate personal preferences. Easily adjustable for variations in clothing by use of camlock buckles. Attachment points at waist, hips, chest, back (lumbar) and back (dorsal). Chest harness specifically designed to incorporate a chest ascender (not included) for rope access work and the shoulder straps are specially tailored to reduce chafing of the neck. Weight 5 lb. 6 oz.

- Sizes XS, S, M, L, XL
- UL classified to meet NFPA 1983/2012 edition standards
- Meets ANSI/OSHA and CAN/CSA Class III harness standards
- Now comes with removable contoured shoulder pads



800 Kong Back-Up®

A new mobile fall arrester from Kong that follows the operator in both directions. With its unique locking cam configuration, the Back-Up supports fall factor 2 falls in a semi-dynamic way, without damage to the safety rope. Dynamic activation force of 4kN. Two ANSI compliant lanyards are supplied for attachment. A 6 inch lanyard is for sternal harness attachment and a 12 inch lanyard for dorsal attachment.

- Stops a fall, slide or uncontrolled descent
- Works on vertical or angled rope
- Moves up or down along the rope without manual intervention
- Easy to install and remove at any point on the rope
- For rope access applications unit can be used with tug cord
- Meets ANSI Z359.1-2007 and OSHA requirements in North America
- Certified to CE EN 353-2, EN 358, EN 567

Technical specifications:

- 10 to 12mm semi-static ropes (EN 1891 type A) certified with the device
- Comes with the Kong Steel Oval auto locking carabiner
- 205g plus carabiner (180g) 385g total

If used for fall protection, to meet ANSI and EN requirements, Back-Up must be used without a lanyard or in conjunction with a lanyard under 40 cm (16 inches) to limit maximum potential fall distance to less than 1 meter.

WORK SEATS



7040 Petzl Podium

Suspension seat designed to be used with a work positioning harness. Excellent comfort in suspension with wide seat for stability. Rigid side edges help prevent webbing straps cutting into the thighs. Includes three equipment loops. Easy adjustment with double back buckles. Weight 2.5 lbs.



407 Arizona Chair

Together with Ropes That Rescue Ltd., we designed this 4 inch wide adjunct suspension seat for use with work positioning harnesses. Suitable for work involving alternate periods of suspension on a rope. Increases comfort in suspension while still allowing complete leg mobility for climbing. Designed to connect to rear slot of side positioning D rings of harness with stainless steel screw links (provided). Easily adjustable on both sides of seat. One size fits most. Weight 2.5 lbs.

- Sizes: M (24 inches +), L (28 inches +), XL (32 inches +)

FULL BODY HARNESSES



366 Fall Safe Harness

Manufactured from custom webbing to offer a lightweight, durable harness. A resin bond agent has been added to the webbing to increase wear and durability. Universally sized for a wide range of workers. Epoxy coated, sliding back dorsal D ring, for anti-sparking compliance. Rear D ring pad prevents D ring from sliding and will not break if worker is lowered on it. Color coded, quick connect leg buckles are also epoxy coated for anti-sparking. Comes equipped with sub-pelvic strap. Sternal attachment loops can be connected with delta link (provided) for use in work positioning, ladder climbing and rescue applications. Weight 2 lb. 14 oz.

- One size, fully adjustable and XL
- Shoulder D rings available at an extra charge
- Color coded quick connect leg buckles
- Optional leg pads available (**item 413**)
- Optional shoulder pads available (**item 411**)
- UL classified to meet NFPA 1983/2012 edition standards
- Meets ANSI/OSHA Class III harness standards



366B Riggers Fall Safe Harness

All black version of the Fall Safe Harness, designed for the stage rigging industry where workers are put in a position where they need to be of low visibility. Custom made webbing offers a lightweight, durable harness. Webbing is treated to increase abrasion resistance while reducing flammability. All hardware epoxy coated non-reflective black. Comes equipped with sub pelvic strap. Sternal attachment can be connected with delta link (provided) for use in work positioning, ladder climbing and self rescue applications. Weight 2 lb. 14 oz.

- One size, fully adjustable and XL
- Optional leg pads available (**item 413**)
- Optional shoulder pads available (**item 411**)
- Meets ANSI/OSHA Class III harness standards



413 Removable Leg Pads for Fall Safe Pro and Fall Safe Harnesses

Designed to compliment the Yates Fall Safe, Riggers Fall Safe and Fall Safe Pro harnesses to add comfort where long hang times may be encountered. Lightweight, low profile design uses 1/4 inch laminated foam. Easily attached and removed with hook and loop attachment.



367 Fall Safe Pro/Victim Harness

Designed with a safety vest built into the harness for high visibility and ease of donning. Great for confined space stand-by use as well as victim rescue applications. Manufactured from custom made webbing to offer a lightweight, durable harness. Universally sized for a wide range of workers. Epoxy coated sliding back dorsal D ring for anti-sparking compliance. D rings on shoulders for confined space lowering applications. Color coded, quick connect leg buckles are also epoxy coated for anti-sparking. Comes equipped with sub-pelvic strap. Sternal attachment loops can be connected with delta link (provided) for use in work positioning, ladder climbing and rescue applications. Weight 3 lb. 15 oz.

- One size, fully adjustable
- Color coded quick connect leg buckles
- Optional leg pads available (**item 413**)
- UL classified to meet NFPA 1983/2012 edition standards
- Meets ANSI/OSHA Class III harness standards

414 Contoured Shoulder Pads

Contoured 1/4 inch laminated foam pads. Used on any unpadded shoulder portion of Yates full body harnesses with contoured straps. Easily attached and removed with hook and loop attachment.



322 Removable Waist Pad

5 inch wide laminated foam waist pad that retrofits onto any belt up to 2.5 inches wide. Provides greater comfort and support. Made with five attachment points for hanging gear. Reflective stripe increases wearers visibility. Sizes S, M, L



400 Waist Pad with Rear D Ring

5 inch wide laminated foam waist pad with rear D ring for use in work positioning and tactical situations. Easily slides on to fit most unpadded Yates rescue and tactical harnesses. Sizes S, M, L



405 NFPA Waist Pad

Comfortable 5 inch wide laminated foam waist pad easily slides on to fit most unpadded Yates rescue and tactical harnesses. Sizes S, M, L



412 NFPA Leg Pads

Extra thick 3/8 inch thick contoured leg pad easily slides on to fit most unpadded Yates rescue and tactical harnesses.



411 Shoulder Pads

1/4 inch laminated foam pads. Used on any unpadded shoulder portion of Yates full body harnesses. Easily attached and removed with hook and loop attachment.



1837 DMM Yates TriLock®

Super lightweight aluminum forged carabiner for tactical, rescue and rope access. Unique patented three stage autolocking gate mechanism allows for 1800 lbf. (8kN) gate strength. Gate open strength 1800 lbf. (8kN). Manufactured in Wales by DMM Ltd. Weight 74 grams.

- Available with black, blue or red gate

MBS lbf. (kN)	gate opening (mm)
6300 (28)	.9 inch (22)



1836 DMM Yates Quicklock

Super lightweight (73 grams) aluminum forged carabiner for rescue, rigging and rope access. Unique 2 stage autolocking gate mechanism allows for 1800 lbf. (8kN) gate strength.

MBS lbf. (kN)	gate opening (mm)
6300 (28)	.9 inch (22)



1834 DMM Yates Non-Lock

High strength forged aluminum alloy non-locking carabiner.

MBS lbf. (kN)	gate opening (mm)
6300 (28)	.9 inch (22)



1835 DMM Yates Screwgate

High strength forged aluminum alloy screwgate carabiner.

MBS lbf. (kN)	gate opening (mm)
6300 (28)	.9 inch (22)



1160 DMM Tactical Ovalock

High strength ANSI keylock gate (16kN). Forged aluminum alloy carabiner. Gate open strength 2250 lbf. (10kN).

MBS lbf. (kN)	gate opening (mm)
6730 (30)	.9 inch (22.8)



1161 DMM Tactical Ovalock

High strength ANSI keylock gate (16kN). Forged aluminum alloy carabiner. Gate open strength 2250 lbf. (10kN).

MBS lbf. (kN)	gate opening (mm)
6730 (30)	.9 inch (22.8)



1162 DMM ANSI Twistlock

Meets ANSI Z359.1-07 gate face, minor axis and side load strength of 3600 lbf. (16kN).

MBS lbf. (kN)	gate opening (mm)
6750 (30)	.9 inch (22)



1775 Kong Tango

Autolock snap hook, personal use carabiner for search, escape and personal edge protection kits.

MBS lbf. (kN)	gate opening (mm)
7425 (33)	1 inch (25)



1130 Gecko Screwgate

High strength forged aluminum alloy carabiner.

MBS lbf. (kN)	gate opening (mm)
6750 (30)	.8 inch (20.3)



1135 Gecko Twistlock

High strength forged aluminum alloy carabiner. Great for personal use.

MBS lbf. (kN)	gate opening (mm)
6750 (30)	.8 inch (20.3)



1115 HMS Screwgate

Oversized forged aluminum alloy screwgate carabiner, easy to operate with gloved hand.

MBS lbf. (kN)	gate opening (mm)
5625 (25)	.8 inch (20.3)



1120 HMS Twistlock

Oversized forged aluminum alloy autolock carabiner, easy to operate with gloved hand.

MBS lbf. (kN)	gate opening (mm)
5625 (25)	.8 inch (20.3)



1155 1/2 inch Mod D NFPA Aluminum Twistlock

Rescue and rigging use carabiner.

MBS lbf. (kN)	gate opening (mm)
6750 (30)	.8 inch (20.3)



7021 Petzl Am'D Tri-Act

Easy to operate 3 stage autolock carabiner.

MBS lbf. (kN)	gate opening (mm)
6300 (28)	.8 inch (20.3)



1778 Kong Tactical 3 Stage

Easy to operate 3 stage autolock carabiner.

MBS lbf. (kN)	gate opening (mm)
6750 (30)	.9 inch (22.8)



1272 DMM Revolver Screwgate Carabiner/Pulley

A pulley integrated into a carabiner! Keylock gate and I-beam construction for increased strength. Ideal for use in hauling or rescue systems.

MBS lbf. (kN)	gate opening (mm)
5400 (24)	.6 inch (15)



1840 Yates Oval Screwgate

Lightweight aluminum cold forged keylock gate for tactical, rescue, rigging and rope access applications. Manufactured exclusively for Yates by Rock Exotica. Weight 64 grams.

MBS lbf. (kN)	gate opening (mm)
5400 (24)	.9 inch (19)

STEEL CARABINERS



6245 SMC Triguard

Steel, three stage autolock carabiner that is easy to operate with one hand. Weight 6.6 oz. (187g). UL classified to meet NFPA 1983/2012 edition standards.

MBS lbf. (kN)	gate opening (mm)
10,341 (46)	.9 inch (22.8)

6240 SMC Dualguard

Similar to Triguard but in two stage autolock version.



1146 ISC Wizard

Steel 3 stage autolock supersafe carabiner. Super strong drop forged, large rigging use carabiner.

MBS lbf. (kN)	gate opening (mm)
15,750 (70)	1 inch (25)

STEEL CARABINERS



1337 Steel Captive Eye 3 Stage

Designed for arborist and rigging use. ANSI Z359.1-07 compliant.

MBS lbf. (kN)	gate opening (mm)
10,125 (45)	.75 inch (19)



1774 Steel Modified D Twistlock

Rescue and rigging use carabiner.

MBS lbf. (kN)	gate opening (mm)
11,475 (51)	.95 inch (24)



1443 Steel Rescue D Twistlock

Forged, extra large rigging carabiner.

MBS lbf. (kN)	gate opening (mm)
10,125 (45)	1.25 inch (31.7)



1773 Steel Modified D Twistlock

Rescue and rigging use carabiner. ANSI Z359.1-07 compliant.

MBS lbf. (kN)	gate opening (mm)
10,125 (45)	1 inch (25.4)



1772 Steel Modified D Screwgate

Rescue and rigging use carabiner.

MBS lbf. (kN)	gate opening (mm)
10,125 (45)	1 inch (25.4)



1777 Steel Modified D 3 Stage

Rescue and rigging use carabiner. ANSI Z359.1-07 compliant.

MBS lbf. (kN)	gate opening (mm)
10,125 (45)	1 inch (25.4)



103007 SMC Screwgate

High strength anodized aluminum alloy carabiner. NFPA T. Made in USA.

MBS lbf. (kN)	gate opening (mm)
6294 (28)	.98 inch (24.8)



103107 SMC Twistlock

High strength anodized aluminum alloy carabiner. NFPA T. Made in USA.

MBS lbf. (kN)	gate opening (mm)
6294 (28)	.98 inch (24.8)



NFPA21501 SMC ANSI Safety Lock

Oversized steel 3 stage autolock carabiner. Developed for industrial work and rescue use. Fits over litter rails.

MBS lbf. (kN)	gate opening (mm)
10,341 (24.6)	1.20 inch (30.4)



102100 SMC ANSI/NFPA FP

Perfect balance of lighter weight, with great strength. Easy to open twistlock ANSI gate. NFPA G. Made in USA.

MBS lbf. (kN)	gate opening (mm)
10,116 (45)	1 inch (25.4)



13700 SMC 4 Bar Micro U-Rack

Similar to the standard 4 bar U-Rack in a narrower size for single rope. The Micro U-Rack provides even distribution of weight between both sides of the rack, does not twist rope, as can occur when using a figure 8 type descender and may be used with single ropes of varying diameters without the loss of friction or control under varying weights and applications.



SMC Brake Racks

Accepts single or double ropes of several diameters and provides a wide range of friction for descent or lowering control. User can change the number of bars as necessary while under load. UL classified to meet NFPA 1983/2012 edition standards.

- 1 inch diameter stainless steel tie off bar
- 7/8 inch diameter blue anodized aluminum bar with training groove and straight slot

1401	Straight
1402	Twisted (shown)



1404 SMC 4 Bar U-Rack

This compact rack is fitted with 4 long-wear tubular stainless bars, two of which are tie-off bars. This rack design allows the user to vary the friction without adding or dropping bars or disconnecting from the system like traditional racks, whether it is being used in a controlled, fast single person rappel or a heavy rescue lower. As more professional trainers begin to expose their clients to the benefits of this alternative style rack, it is clear they are growing in acceptance and popularity. UL classified to meet NFPA 1983/2012 edition standards.



Rock Exotica Omni Blocks®

The Rock Exotica Omni Blocks combine a top swivel with a ball bearing sheave. These pulleys eliminate twisting and simplify your rope rigging system and save valuable vertical height compared to a conventional pulley/carabiner/swivel combination. Each precision machined aerospace alloy block has a unique button-activated release feature that allows instant access to the sheave for midline attachment. The milled alloy attachment eye is large enough to accept most carabiners and snaps. 1.5 inch tread diameter pulley accepts up to 1/2 inch rope. Strength is 8100 lbf. (36 kN). Made in USA.

6300	Single Sheave
6310	Double Sheave



6320 Rock Exotica Omni Aztek Elite® Blocks

Configured in haul systems these blocks will enable the user great versatility in a personal mechanical advantage system suitable for rescue and general rigging. Engineered to withstand over 8,000 lbf. (36kN). The set comes in two colors for ease of identification. One configuration provides a 5:1 mechanical advantage. Turn it around for a 4:1 with change of direction. Progress capture ratchet prusik can be attached at either end. One quick pin with each set of blocks. Additional pins may be purchased separately.



RSI Pulleys

Lightweight, strong, swing sideplate pulleys for work and rescue. Available in Oilite® bushing or sealed bearing versions.

2 Inch Double Sheave Pulley with Becket

Designed for use in multiple pulley mechanical advantage systems. Two 2.75 inch sheaves. Accepts rope up to 5/8 inch. Main rigging point can accommodate three carabiners. Strength 12,000 lbf. (53kN).

6122	Oilite Bushing
6122B	Sealed Bearing



3 Inch Rescue Pulley

Designed for ropes up to 5/8 inch. Triangular rigging hole accepts up to three carabiners. Strength 10,000 lbf. (44kN).

6113	Oilite Bushing
6113B	Sealed Bearing



3 Inch Double Sheave Pulley with Becket

Designed for use in multiple pulley mechanical advantage systems. Accepts rope up to 5/8 inch. Two 2.75 inch diameter sheaves separated by a high strength alloy aluminum plate. Triangular rigging hole accepts up to three carabiners. Strength 12,000 lbf. (53kN).

6125	Oilite Bushing
6125B	Sealed Bearing



4 Inch Rescue Pulley

Designed for ropes up to 5/8 inch. Triangular rigging hole accepts up to three carabiners. Strength 10,000 lbf. (44kN).

6114	Oilite Bushing
6114B	Sealed Bearing



4 Inch Triple Sheave Pulley

Designed for ropes up to 5/8 inch. Triangular rigging hole accepts up to three carabiners. Strength 15,000 lbf. (66kN).

6134	Oilite Bushing
6134B	Sealed Bearing



Extra Wide Pulley

Passes knots in ropes up to 5/8 inch in diameter. High strength alloy aluminum. 4 inch sheave that is 3 inches wide. Only in Oilite version. Strength 9000 lbf. (40kN).

6116	Oilite Bushing
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Yates Mountain Lite Pulleys

Sealed bearing prusik minding pulleys designed to maximize strength while reducing weight. A new standard for high strength, lightweight pulleys. Weight reduction of up to 35% over pulleys of similar size. Designed specifically for mountain rescue and USAR applications when a lightweight NFPA G classified pulley is needed. Made using aircraft quality aluminum, this design features a 2.5 inch sheave (full, true 2 inch tread diameter). Unique channel milled into the side of the sheave reduces the effect of debris building up between it and the side plate. Side plate design allows the use of larger ropes in a compact pulley. Manufactured exclusively for Yates by SMC. UL classified to meet NFPA 1983/2012 edition standards. Strength 8100 lbf. (36kN) Weight 8.5 oz. single, 15 oz. double.

6210	single	Red
6215	single	Black w/Black Sheave
6220	double	Blue
6225	double	Black w/Black Sheaves

6235 SMC Kootenay HX Pulley

The Kootenay HX from SMC is the most advanced compact knot passing pulley on the market. Anodized aluminum side plates and high-strength aluminum sheave. The primary carabiner hole accepts numerous rescue carabiners. Secondary carabiner holes are provided for tag or belay lines. Two quick-release pins lock off the sheave for high strength tie-off use. Made in USA. Weight 1 lb. 9 oz.

- 8.5 inches x 4.4 inches x 3 inches
- Sealed ball bearing



6101 RSI Haul Safe

Hauling and raising pulley with built in cam safety grab. The 4:1 unit provides the ideal mechanical advantage for manhole and vessel extraction. Once attached to a rigging point and worker is properly secured with safety cam engaged, unit works as a hauling system with a deadman's safety. Even if the hauling team is incapacitated, the victim is secure and will not fall. Works with the rope entering the cam before the sheave to allow much greater direction of pull on haul line. The cam can be locked open with the safety pin to use the Haul Safe as a double sheave pulley. Exceeds all applicable NFPA, OSHA, ANSI and CSA standards. Designed for 7/16 inch rope and will accept 1/2 inch ropes. Strength 10,000 lbf. (44kN).



PULLEYS



1022 Wall Pulley

Super clean design minimizing weight while increasing strength. Sheave diameter of 1 inch easily accommodate ropes from 8 to 11mm. Oilite bushing. Strength 7875 lbf. (35kN).



BlueWater Mini Pulleys

BlueWater's new pulleys accommodates ropes up to 8mm in diameter and have a maximum load rating of 24 kN. Aluminum sideplates. 6mm 304 Stainless steel axle pin. High impact nylon pulley sheave. Available in black only. Sheave inner: .825 inch. Sheave outer: 1.2 inch. MBS: 24 kN (12 kN load on each leg of system).

- **BW307008** Single: Weight: 50 grams. Width: .9 inch. Length 2.875 inch.
- **BW307009** Double: Weight: 80 grams. Width: 1.5 inch. Length 2.875 inch.
- **BW307010** Double w/Beckett: Weight: 85 grams. Width: 1.5 inch. Length 3.58 inch.

538 Rack-it Daisy Chain

Designed to help sort gear out and keep it organized. Constructed of .75 inch webbing with ten pockets for gear attachment. Top grab handle. Length 30 inches.

This is for gear racking and equipment organization only and is not structurally intended for use as a life support item in any way.



SMC CRX Pulley

Superlight mini prusik minding pulley. Stainless steel axel and lightweight 1.5 inch nylon sheave maximize efficiency and provide the best strength to weight ratio. Aluminum side plates rotate for easy rope insertion and removal. Easy to use, easy to carry.

157300	Blue
157307	Black



6106 Yates Mini Haul

Deluxe mini haul including easy to release Kong Duck for progress capture. 35 feet of 8 mm Technora rope with nylon core for superior strength, low stretch and sharp edge resistance. Rope also features sewn end terminations for strength, compactness and safety. Includes Yates Bolt and Tool Bag (small), a set of lightweight BlueWater pulleys, 2 Yates Oval Screwgate carabiners, and one 6mm Maillon Rapide quick link.

- 5:1 or 6:1 theoretical mechanical advantage depending upon configuration



6107 BlueWater Mini Haul

Utilizes 35 feet of 8 mm Technora rope with nylon core for superior strength, low stretch and sharp edge resistance. Rope also features sewn end terminations for strength, compactness and safety. Includes Yates Bolt and Tool Bag (small), a set of lightweight BlueWater pulleys, 2 Yates Oval Screwgate carabiners, one 11 inch sewn 6mm Hybrid prusik and one 6mm Kong quick link.

- 4:1 or 5:1 theoretical mechanical advantage depending upon configuration



6102 Yates/SMC HX Hauling Kit

Completely rigged and ready to go, this new hauling kit is designed for all around medium hauling, pick-off and confined space rescue situations. The kit utilizes the new SMC Advance Tech HX double pulley with an integrated cam and matching Advance Tech Mate Pulley. Comes rigged with BlueWater 9mm rope. We have found this diameter is the best compromise for reducing bulk in the hauling system while still maximizing efficiency. The Yates/SMC HX Hauling Kit is ideal for all rescue applications where a small mechanical advantage system is needed. Kit includes:

- 4:1 or 5:1 theoretical mechanical advantage depending upon configuration
- 50 feet BlueWater low stretch rope
- Advance Tech HX pulley with integrated cam
- Advance Tech Mate pulley
- 1837 DMM/Yates TriLock red gate
- 1837 DMM/Yates TriLock blue gate
- Yates Bolt and Tool Bag



SMC 15490 Advance Tech HX

The SMC Advance Tech HX Pulley is a double pulley with an integrated cam that provides immediate progress capture without the need of prusik loops. The all-in-one frame and cam design presents a compact form factor. Stainless pins retain the rope when a rigged system is packed so that system can be pulled out and used immediately. Manufactured from high quality aluminum and anodized to help prevent corrosion. The Advance Tech HX is the most advanced pulley of its kind on the market today. The Advance Tech HX will support rope diameters from 7mm up to 12.5mm. The Advance Tech HX is ideal for all rescue applications where a small mechanical advantage system is being utilized. Weight: 9.52 oz. (270g). Made in USA.



SMC 15480 Advance Tech Mate Pulley

This new pulley frame design is ideal for making compact haul kits. An integrated stainless pins help retain the rope when a rigged system is packed so that system can be pulled out and used immediately. Manufactured from high quality aluminum and anodized to help prevent corrosion. The Advance Tech Mate is the ideal compact pulley for technicians wanting to use the Advance Tech HX in a mini haul system. The Advance Tech Mate will support ropes diameters from 7mm up to 12.5mm. Weight: 5.44 oz. (154g). Made in USA.



SMC 305130 Rescue StayK Kit

The ever growing demand for the SMC Rescue StayK (picket system) from emergency responders, fire departments, technical rescue teams is due to the fact that all other picket systems are viewed as primitive at best. The SMC Rescue StayK system is versatile, accommodating, and by far the most effective, efficient, and reliable system available today that renders all other systems obsolete. Once installed the self-equalizing system can be divided into multiple safety systems. The StayK system design allows easy attachment of additional holding support if needed. When installed at a 20° angle away from the rescue load, the anchor rods provide a maximum holding force.

- Kit comes with 3 Rescue StayKs
- Anodized aluminum and polished stainless steel
- 35.1 inches long, 1 inch diameter
- Weight: 9.24 lbs. (single StayK)
- 28.37 lbs. (full kit)

DESCENDERS/ASCENDERS



(A) 1026 BW Large Aluminum 8

Original design figure eight has many uses in work and rescue such as rappelling, belaying and lowering. Manufactured of forged alloy aluminum and hard coat anodized for extended wear. UL classified to meet NFPA 1983/2012 edition standards.

- Strength 8000 lbf. (35kN)

(B) 6013 Large Steel Figure 8

Forged steel. Plated for longer wear and corrosion resistance. Steel figure eights are ideal for high cycle because of their resistance to grooving and excessive wear. Three dimensional design is asymmetrical and allows user to vary the friction. *Steel figure eights do not provide as much friction as aluminum figure eights and care must be taken with their use.*

- Strength 15,000 lbf. (66.6kN)



Petzl Ascension

Left and right handed versions. Designed for ascending and occasionally for hauling. Wide, ergonomic molded handle allows a comfortable yet powerful grip. Toothed cam with self-cleaning slot optimizes performance under any conditions. Upper hole through which a carabiner attaches the device to the rope (useful for back-up belays or hauling).

PETASCEND-R Right

PETASCEND-L Left

All black available by special order

DESCENDERS/ROPE GRABS



(A) Petzl I'D

Self braking device designed for lowering systems, descending rope and for belaying. Anti-panic feature built in. Easily releasable after locking. Can also be used for short ascents (RAD system). Works great in mechanical advantage haul systems and as a lowering/progress capture device in ganged-on haul systems. UL classified to meet NFPA 1983/2012 edition standards.

7019	Petzl I'D S	NFPA T
7020	Petzl I'D L	NFPA G



(B) 7018 Petzl Rig

Designed for rope access work (expert users only). Multi-function handle allows the user to unlock the rope and control the descent with the hand on the free end of the rope and position themselves while on the rope without tying off the device. The automatic return system on the handle limits risks in case of an involuntary action by the user. The safety gate on the moving side plate helps prevent dropping the device and facilitates installation of the rope and passing intermediate anchors. Can also be used for short ascents (RAD system). For rope between 10.5 and 11.5mm in diameter.



(C) 7050 Petzl Rescucender

Rope grab suitable for hauling heavy loads. Incorporated into a hauling system, it operates as a progress capture device. Also acts as a load limiter if overloaded or subjected to an impact force. Available in black.



(D) 7016 Petzl Croll

Attaches to front of harness in chest area to help user maintain an upright position. Yates Basic Rope Access harness and Yates RTR Tower Harness have attachment points built-in.



(E) 1018 SMC Escape 8

Designed as a personal escape descender for firefighters in bailout situations. Works well on single and double ropes up to 7.5mm, and can be used on single ropes up to 12.5mm.

- CNC machined from 3/8 inch thick aircraft aluminum
- Compact size and lightweight
- Single or double wrap allows the right amount of friction needed for a fast, yet controlled descent
- Ideal for total firefighter weight under 230 lbs.
- UL classified to meet NFPA 1983/2012 edition personal escape standards
- Also available in black



1010B Wall Rigger

Small rigging plate ideal for SAR, tactical and stage rigging applications. Made of 3/16 inch 7075-T6 aircraft aluminum. Length 3.3 inches, width 3.6 inches. Hole size .75 inch (19mm). Strength 6750 lbf. (30kN).

1012 Mini Rigger

Small rigging plate ideal for all technical rescue rigging applications. Made of 3/8 inch high strength 6061-T6 aircraft aluminum. Length 4 inches, width 4.4 inches. Hole size .75 inch (19mm). Strength 10,000 lbf. (44kN).

1012	Red
1012B	Black

1015 Rescue Rigger

Medium rigging plate ideal for all technical rescue rigging applications. Made of 3/8 inch high strength 6061-T6 aircraft aluminum. Length 6.5 inches, width 4.25 inches. Hole size .75 inch (19mm). Strength 10,000 lbf. (44kN).

1015	Red
1015B	Black

Double Locking Ladder Hook

- 2.5 inch (63.5mm) gate opening
- Strength 5000 lbf. (22.2kN)
- Also available in steel 1.75 inch gate opening
- Meets ANSI Z359.1-2007 standards

838S	Steel
838A	Aluminum

839S Double Locking Steel Snap Hook

- .75 inch (19mm) gate opening
- Strength 5000 lbf. (22.2kN)
- Meets ANSI Z359.1-2007 standards

7036 SMC Swivel

Aids in keeping ropes from becoming twisted or wrapped. Oval hole to accommodate 2 carabiners. Sealed bearing. Strength 9000 lbf. (40kN). UL classified to meet NFPA 1983/2012 edition standards.

7035 Petzl Swivel L

Aids in keeping ropes from becoming twisted or wrapped. Sealed bearing. Strength 9000 lbf. (40kN). UL classified to meet NFPA 1983/2012 edition standards and CE.



1011 ISC Rescue Ascenders

Heavyweight construction specifically designed for rigging and rescue applications. These are no lightweight rock climbing ascenders! Easy to operate with gloved hand, these ascenders come with large thumb release on cam, molded hand grip and double clip-in points. 9 to 13mm ropes. Strength (frame) 6000 lbf. (26.6kN). Weight individual 13 oz.



1876 Kong Futura Rope Handle

Innovative lightweight handled ascender. Enables rope ascending and hand line operation with a super lightweight unit. Comes with two interchangeable handles. Accepts ropes from 8 to 12mm. Weight 4.4 ounces.



888 Kong Duck Ascender

Super small simple ascender for a multitude of lightweight, low profile uses. Great for super light fixed rope work. Will also work on slings! Accepts ropes from 8 to 13mm and slings from 10 to 15mm wide. Weight 2.6 ounces. Carabiner not included.

HELMETS



Petzl Helmets

Offers the highest level of safety to all those who work at height in hazardous industrial environments. Vertex Best meets ANSI class E standard. Universal size. Vertex Vent has closable vent holes. Various colors.

7010	Petzl Vertex Best
7011	Petzl Vertex Vent



Bungee Tool Tether

Unique tool teather with high strength. Retracted length 36 inches, full extension 60 inches. One end is designed with half twist to allow for girth hitching of tools. Strength 850 lbf. (4kN).

LOAD LIMITERS/ANCHORS/SCREW LINKS



Rescue Load Limiters

Effectively reduces peak loads on an anchor in rescue and rigging systems. Stitch ripping device with extremely consistent activation and absorption accuracy (+-5%). Very useful in documenting maximum loads in a given rescue and rigging situations such as in highlines and mechanical advantage hauling systems. Single unit activation >550 lbf. (2kN). Strength 5000 lbf. (22.2kN).

item	activation	length
611 Rescue Load Limiter	>2kN	33 inches

item	energy absorption
611 Rescue Load Limiter	6 to 7kN

Can be ganged to double the activation force:

item	activation	length
611 Rescue Load Limiter	>4kN	33 inches

item	ganged energy absorption
611 Rescue Load Limiter	12 to 15kN



Industrial Shock Absorbers

Utilizes a highly efficient tear-stitch webbing to absorb energy by means of controlled destruction. Two layers of webbing are woven together in a prescribed manner. The 801 is very useful as a shock absorber in belay, mechanical advantage, hauling and highline systems.

- Strength 5000 lbf. (22.2kN)
- Initial length 9 inches
- Extended length 51 inches
- **Certified to ANSI/ASSE Z359.12-2009 and ANSI/ASSE Z359.13-2009 standards**

(A) 801	Loop Ends
(B) 803	Snap Hook



Screw Links

Steel screw links used as an alternative to standard carabiners. Excellent where semi-permanent attachments are made. Great multi-directional loading capacity.

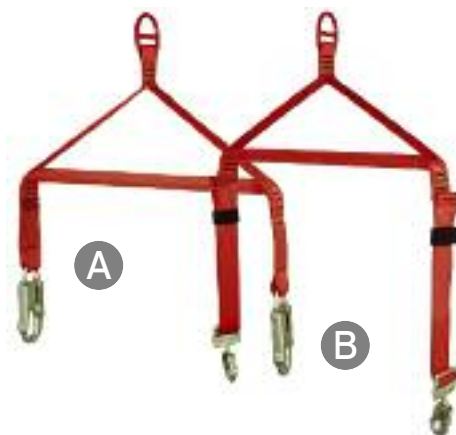
1779	Delta Link	7mm	Stainless	WLL 625 Kg
1780	Delta Link	9mm	Plated Steel	WLL 700 Kg
1781	Trapezoid	9mm	Stainless	WLL 700 Kg
1783	Oval	10mm	Plated Steel	WLL 1350 Kg



7300 Airshore Lite Tripod

Great for use in confined space operations. Lightweight and fully collapsible. Constructed of 2 inch 6061-T6 aluminum and powder coated for durability and long life. Adjustable from 6 feet 10 inches to 10 feet. OSHA compliant safe working load of 700 pounds at full extension. The head has 2 fully rated eyebolts for anchor points. One is fixed and one swivels to accommodate varying angle needs. The head also has two 1 inch holes for additional rigging. The legs have numbered holes for ease of accurate adjustment. Each leg has a 6 inch baseplate which disperses the working load far more efficiently than the standard ladder foot styles. Included is a safety chain system. Optional extras include tripod bag and universal winch.

7310	Tripod Bag
7350	Winch w/Mount



(A) 430 Heavy Rescue Spreader Bar

Designed to be used for vertical lifting and lowering with the Yates Heavy Rescue Harness or any Class III harness with appropriate shoulder D rings. Lifting bridle connects to D rings on shoulders of harness with double locking snap hooks which are attached to spreader bar. Spreader bar is made with 1/2 inch round Delrin® rod. Weight 2 lb. 2 oz.

- Forged D ring main lower/lifting point
- Overall height 22 inches
- Strength 6000 lbf. (26.6kN)

(B) 431 Adjustable Heavy Rescue Spreader Bar

Similar to Heavy Rescue Spreader Bar with the added feature of 12 inches of height adjustability. Allows victim to be raised closer to the high attachment point. Weight 1 lb. 14 oz.

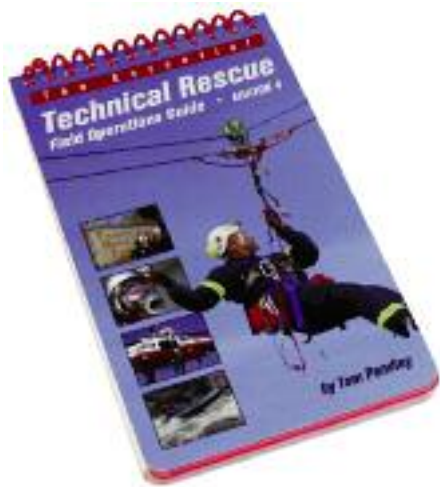
- Forged D ring main lower/lifting point
- Overall height 10 to 24 inches
- Strength 6000 lbf. (26.6kN)

432 Confined Space Wristlets

These wristlets are comfortable enough to wear for long periods when they must be kept on. They fit perfectly and do not work loose. Special anatomically cut laminated foam encircles the wrists, and locking buckles keep them in place. Will also work well on ankles as a drag device. Webbing lanyard allows flexibility of movement without excess weight.

- Meets OSHA/ANSI standards





1810 The Essential Technical Rescue Field Guide

The fourth edition of the book that has become the standard reference for all rescuers. Modeled after NFPA 1670 standard for technical rescue and OSHA regulations for confined space and trench rescue. Covers rope, confined space, swiftwater, trench, structural collapse and helicopter rescue operations. This is a must have, rescuer friendly guide.



438 Sierra Safety Cribbing Bag

Constructed of heavyweight vinyl tarp material for increased durability. Orange bag measures 12 x 20 inches and is designed to hold 18 inch long sections of 4 x 4 cribbing. Black bag measure 12 x 20 inches and is designed to hold 18 inch long wedges and shims. Adjustable cinch strap secures the top of bag. Removable shoulder carry strap. Most engines carry a compliment of two orange cribbing bags and one black wedge bag.



BlueWater Sewn Dynamic Prusik Loops

Introduced by BlueWater to provide an added load absorbing element as part of a complete system. These use specific cords have a firm, yet supple hand and will hold higher loads before slippage than do traditional accessory cords. Color coded prusiks helps in tandem prusik pair management. Length long 24 inches, length short 18 inches.

- 7mm red long, yellow/red short
- 8mm yellow/blue long, blue short

1482	7mm	Red
1483	8mm	Blue



950 IAFF Drag Harness

The only IAFF approved harness designed to fit the Rescue Randy dummy for use in IAFF well-ness/fitness CPAT test and training. Also makes a great harness for positioning Rescue Randy in confined space training and drills. Weight 2 lb. 1 oz.



558 Fire Tool Holster

Tool/axe holder that fits most harnesses. Fits onto any webbing up to 1.75 inches. Hangs below belt to allow tilting of axe, facilitating climbing stairs and ladders. Adjustable webbing top strap holds tool in place. Fits axes, Halligan tool, and more.

Climb Tech Mega Swivel Anchors

These anchors incorporate a revolutionary swivel ring design that allows a D ring to rotate 360 degrees as well as flip back and forth at 180 degrees. The Swivel Anchor's incredible strength is due to a heavy gauge heat treated alloy steel, reinforced bridge, D ring, and locking caps. Its patent pending key lock design keeps the D ring seated and locked into its swivel housing, preventing the steel from spreading outward during heavy loads. It can be used in both steel and concrete for rescue applications, lifting, hoisting, tie-back, etc. ANSI Z359.1 and CE-EN 795 certified. 5000 lbf. Swivel Anchors rated 1000 lb. SWL, 10,000 Swivel Anchor rated 2000 SWL.

SWY50	5000 lbf. Swivel
SWY50S	5000 lbf. Swivel w/Steel Bolt
SWY50C	5000 lbf. Swivel w/Concrete Sleeve
SWY100	10,000 lbf. Swivel
SWY100S	10,000 lbf. Swivel w/Steel Bolt
SWY100C	10,000 lbf. Swivel w/Concrete Sleeve

- Also available in 304 and 316 Stainless Steel, call for availability and pricing



BWA012N Super Slider I-Beam Portable Anchorage Connector

Super Slider I-Beam Anchors are lighter, smoother, and easier to use than comparable older style I-beam connectors. Designed for fall protection and rope access work positioning. Both models are constructed with lightweight aircraft aluminum bars and 360° swivel D ring connections. The clamps attach without tools to construction girders either overhead or underfoot.

- ANSI Z359.1 compliant
- 5,000 lbf. (22.2kN)
- Flange width from 3 to 12 inches (7.6cm to 30.4 cm)
- Flange thickness from .25 inches to 1.25 inches (6.3mm to 31.7mm)



Anchor Rings

Useful for many rigging and rescue applications. Drop forged alloy steel. Small strength 5000 lbf. (22kN). Large strength 10,000 lbf. (44kN).

7600	3/8 inch x 3 inch outside diameter
7800	1/2 inch x 4 inch outside diameter



1070 Forged Anchorage

Multi-directional load anchorage. Available with 1/2 inch threaded stud or open hole configuration. Minimum use of Grade 8 bolt is required. Strength 5000 lbf. (22.2kN).

SPEC PAK/XCOLLAR



Lightweight,
non sparking
Cobra buckle

903 Intrinsically Safe Spec Pak

New intrinsically safe patient packaging and extrication system that combines the backboard immobilization of a short board with the suspension and support of a full body harness. All hardware on this intrinsically safe version is made of aluminum to reduce sparking hazard. This model does not include the chest located D rings.

905 Spec Pak Lifting Bridle

New lifting bridle system allows for horizontal, semi sitting and semi-vertical (75 degree) positioning of the casualty. This system of lifting is useful when longer suspension times are anticipated, reducing the chances of development of suspension syndrome. Lifting bridle is attached to new chest mounted D rings on the Spec Pak. Head, crotch and leg strap allows for complete stabilization of the patient without the need of a full litter. Easily adjustable with use of 6kN rated Ankra Cam Buckles. Lifting bridle has full strength 5000 lbf. (22.2kN) backup strap for attachment to head located lifting D ring. All carabiners and connectors are included. Weight 4.5 lbs.

- Lifting bridle can only be used on Spec Pak with new chest mounted D rings
- Older model Spec Paks can be retrofitted with new chest mounted D rings

904C XCollar

Designed by emergency care professionals to address the common deficiencies of other cervical immobilization devices by featuring enhanced immobilization, adjustment after application, immobilization in position of comfort and the ability to custom fit a broader range of patients.

- Color coded numbers allow precise adjustment
- Pushbutton locks the chest support in place
- Color coded straps make application quick and easy
- Fits small children to large adults



SPEC PAK



900 Yates Spec Pak

Patient packaging and extrication system combining the backboard immobilization of a short board with the suspension and support of a full body harness. The Spec Pak system utilizes an integrated polyethylene board along the back to reduce wear and create a smooth sliding surface for confined space operations. Grab handles located at the head, shoulders and sides allow rescuers to better handle the patient package during movement through tight spaces. Extremely useful for any confined space operation where a vertical environment is encountered. In addition, the Spec Pak system is a lifting harness, thus eliminating the need for a separate victim harness. Patient can be lifted vertically from D ring located at top of backboard. Unique self-adjusting (sliding) cervical restraint eliminates the problems associated with lifting patients vertically while secured to a rigid backboard. *Spec Pak is only intended as a limited spinal immobilization system. It must be used in conjunction with proper spinal immobilization such as the use of a cervical collar where conditions and protocols dictate.* Weight with bag 16 lbs.

- New chest located D rings (standard Spec Pak only) allow patient to be lifted in semi-fowlers position
- New lifting bridle (**item 905**) now included
- Meets ANSI/OSHA Class III harness standards
- XCollar universal one size adjustable cervical collar (**item 904C**) included
- Includes training DVD
- Color coded straps make application quick and easy
- Fits from small children to large adults

Spec Pak Spreader Bar

The new Spec Pak Spreader Bar is designed for wind turbine rescue techniques that require the horizontal transfer of a patient. The Spreader Bar is connected to chest mounted D rings on the Spec Pak. This technique utilizes two 4:1 Mini Haul or AZTEC kits attached to a swivel on the spreader bar to move a patient in hub and nacelle rescue situations. The Spreader Bar can also be attached to a 2:1 Pick-off Strap off of the suspension system to allow for horizontal, semi-sitting and semi-vertical (80 degree) positioning of the patient. This system of lifting is useful when longer suspension times are anticipated, reducing the potential of casualty suspension medical complications. The lifting bridle is attached to chest mounted D rings on the Spec Pak. Head and leg straps allow for complete stabilization of the patient without the need of a full litter. The head strap is easily adjustable through the use of 6kN rated Ankra cam buckles. The lifting bridle has full strength 22.2kN rating. All carabiners and connectors are included.

Complete Spec Pak Spreader Bar Bridle Kit Includes:

- Spreader Bar with swivel and carabiner connectors
- 2:1 Pick-off Strap
- Leg support section with DMM Yates 1835 autolock carabiner
- Head adjuster strap to adjust patient suspension angle
- DMM 1162 ANSI carabiner to connect spreader bar to suspension system

Spec Pak Spreader Bar Includes:

- Spreader Bar with swivel and carabiner connectors only

905SPREADER	Spreader Bar only
905WT	Spec Pak Wind Turbine Bridle



LITTER RIGS



435 Stokes Litter Pre-rig

Fully adjustable spider intended for use with any stokes litter. Unique Y suspension system drastically reduces congestion at the upper attachment point. Adjustable to a minimum height of 18 inches above the litter for the tightest helicopter evacuations. The spider adjusts to a maximum length of 5 feet utilizing quick adjust mil spec hardware. Half of the pre-rig can be used as a low angle evacuation stretcher harness, eliminating the need to purchase separate harnesses.

- Rigging plate and carabiners shown sold separately
- Overall strength 5000 lbf. (22.2kN)



434 Sierra Safety Litter Pre-rig

Designed by Sierra Safety, this litter pre-rig is deluxe. Fully adjustable Y spider suspension system drastically reduces congestion at the upper attachment point. Configured with 2 to 1 mechanical advantage rescuer attachment strap for easy adjustability. Adjustable to a minimum height of 18 inches above the litter for the tightest helicopter evacuations. The spider adjusts to a maximum length of 5 feet utilizing quick adjustable mil spec hardware. Unique single attachment of both victim and rescuer adjustable straps reduces further congestion in the collection ring.

- Steel ring strength 10,000 lbf. (44kN)
- Overall strength 5000 lbf. (22.2kN)

LITTERS



Traverse Titan Rescue Stretcher

Features StratLoad attachment points which allow bridles to be attached inside of the top rail. Durathene netting mesh and molded high density polyethylene back support. The steep sided design permits a narrower stretcher with the same width at the bed which will accept the standard sized back-boards. The narrow width and rounded ends provide greater maneuverability in tight locations. Comes with four stretcher straps. Stainless steel. 83 x 23 inches. 31 lbs.

- Also available in split apart version

7210	Tapered Standard
7213	Tapered Split Apart



Traverse Gazelle Rescue Stretcher

Designed as a durable and versatile light duty disaster response stretcher. The unique feature of the Traverse Gazelle Stretcher is the tubular runner rails that run the full length of the stretcher along the bottom. These provide a very strong and durable base, and make it less prone to damage from regular use. Excellent for those who are on limited budgets for rescue equipment. Powder coated steel. 82 x 24 inches. 28 lbs.

- Also available tapered

7230	Tapered
7231	Standard



7261 Traverse Advantage Plastic Stretcher

The Traverse Advantage Plastic Stretcher combines a fully internal stainless steel frame with a high-density polyethylene plastic shell that protects the patient and provides a smooth bottom surface to allow sliding. The frame provides a 2500 lbf. strength rating and fully supports the patient. The shell has generous hand cutouts for carrying the stretcher and the 7/8 inch diameter top rail is comfortable on the hands. The closed cell foam patient pad prevents absorption of fluids and is resistant to the harshest of cleaning agents. For high-angle evacuations, the Advantage has Traverse's patented StratLoad attachment points for clipping carabiners inside the frame rails. The Advantage Plastic Stretcher is designed for both low and high angle rescue.

436 Litter Cover

Made from durable vinyl fabric, this cover protects a litter and contents from the most extreme weather conditions. Oversized to allow room for storage of extra items in litter.

445 Backboard Strap

15 foot adjustable backboard strap used for patient restraint. Uses camlock buckle system for quick and secure adjustment. Available in blue, red, black.

437 Adjustable Stretcher Strap

Loops around litter rail and attaches to rescuer. Easily adjustable for most efficient positioning.



529 Rescue/Urban Assault Ladder

Offers the opportunity to scale heights using standard aid techniques. Can be linked together to increase length. Made of 1 inch webbing. Steps are reinforced with stiffeners. Built-in spreader bar insures that steps remain open without causing foot pinching. Length 20 feet with 20 steps. Weight 2 lb. 5 oz.

- Strength 5000 lbf. (22.2kN)
- Image shown short for clarity



Air-Lift Rescue Vest (A.R.V.)

The latest in victim extraction and rescue. Now UL classified to meet NFPA 1983/2012 victim extrication device standards. The A.R.V. brings together fast donning and rapid extraction for short haul and hoist operations. Adjustable for a one size fits all application to accommodate patients from 50 to 400 lbs. The easy side adjustment system provides for patient positioning allowing for a more vertical posturing of patient if desired. Designed to fit over bulky clothing and PFD's. Low profile, rear and side grab handles work seamlessly in hoist operations. Fully reinforced webbing substructure makes this unit bombproof! Comes with steel auto locking attachment carabiner and storage/deployment bag. Strength 4000 lbf. Weight 6 lbs.

- One size, fully adjustable
- Swiftwater version uses mesh fabric on seat portion to allow for quick drainage.

908	Blue
908M	Swiftwater Mesh

RESCUE CLIP



Shown with
Hot Stick Attachment

Rescue Clip

Now you can easily attach to anchors and out of reach victims with the Rescue Clip. Weighs less than 2 ounces. Made from stainless spring steel, the Rescue Clip is built to last. The innovative design holds virtually any rescue carabiner in the open position for attachment to an anchor, rope or harness ring. To use, simply attach it to any standard extension pole (or paddle or pike pole) then push a carabiner into the Rescue Clip. It will now hold your carabiner open for precise operation.



1116	Rescue Clip
1117	w/18 ft. Pole & Carabiner
1118	w/Paddle Attachment
1119	w/Pike Pole Attachment
1121	w/Hot Stick Attachment

HEADLAMPS



7071 Petzl Duo 14 LED Headlamp

Excellent light source for professional use. Designed to alternate between powerful long range lighting and 3 levels of close-up lighting. Dual light source: halogen for powerful lighting and 14 LED for even, white close-up lighting with 3 different power settings. Water resistant for all weather use.



Myo 3 and Myo XP LED Headlamp

Intended for demanding users whose needs alternate between long range lighting and extended battery life. The rotating bezel switch allows easy selection between the three brightness settings (LED) or distance vision (Xenon halogen bulb). Also available in XP version with super bright LED and boost mode. Water resistant for all weather use.

7027	Myo 3
7028	Myo XP



7033 Petzl e+Lite

Emergency headlamp. Comes with carrying case. Can be used in potentially explosive atmospheres. Compact and ultra light (27g). Can be worn on the head, around wrist or neck or attached to thin-edged articles with integrated clip. Red light helps preserve night vision. Water resistant for all weather use.



Petzl Tactikka XP LED

Ultralight LED headlamp with colored (red, green, blue) wide angle lenses. Long light duration. 3 light levels, strobe and boost. Water resistant for all weather use. Available in camo or desert tan.

7030	Camo
7031	Desert Tan



7032 Tactikka XP Adapt

Equipped with the Adapt system which allows the light source to be removed from the headband and attached to a belt, jacket clip or helmet adapter (included). Water resistant for all weather use.

918 Ringers Military Issue Gloves

Great dexterity and durability for lightweight rappel and rigging applications. Comfortable 3mm gel palm padding. Exclusive signature flex-all cuff. Available in black.

- Sizes S-XXL



Ringers Rope Gloves

Great fingertip dexterity and a unique gel padded rope control channel make these gloves a must for the rope professional. Excellent durability and fit with Clarino palm and fingertip patches. Available in black and red.

- Sizes XS-XXL

910	Black
920	Red



914 Ringers Extrication Gloves

Lightweight glove with great dexterity. Tough spandex top. Premium synthetic leather finger and palm. Hidden seam design. Super snug fit. Available in black.

- Sizes S-XXL



915 Ringers Tactical Rigging Gloves

Lightweight glove with great dexterity. Tough spandex top. Premium synthetic leather finger and palm. Hidden seam design. Super snug fit. Available in black.

- Sizes S-XXL



925 Yates Tactical Rappel/ Fast Rope Glove

Thick full-grain with new double layer palm extends over the palm and to the second joint of your fingers to provide added protection from the heat and friction generated when fast roping. Index finger is separated for trigger finger dexterity. Designed to fit over flight gloves. Also excellent for tactical and helirappel use. Carabiner hole in wrist for attaching to harness. All stitching on glove is sewn with Kevlar heat resistant thread. Available in black and MultiCam.

- Sizes: S, M, L, XL, XXL



453 Bolt and Tool Bag

One handed opening and closure makes this bag very useful for stage riggers and rope access personnel. Inside circumference of bag is lined with individualized tool separators. Bag measures 10 inches tall, 8 inches in diameter.



583 Small Tool Pouch

Reinforced rim, cord closure bag with inside bellows. Soft fleece lined for carrying studio light bulbs in the stage rigging industry. Can be used to carry a wide variety of items. Bag measures 8 inches tall, 5 inches in diameter.



480 Riggers Gear Bag

Extra-beefy gear bag with square corner design allows easy stacking. Made of 1200 denier nylon ballistic cloth. Taped, triple stitched seams. Heavy duty zipper with wear flap. Release buckles on handles allow for secure closure over zipper. Drag loops on bag ends. 7000 cubic inches.



BlueWater



Your Partner Against Gravity

BlueWater traces its roots to a family owned textile mill begun in 1905. Five generations later they're still in manufacturing. BlueWater has been crafting ropes for life safety for over 40 years. When they began manufacturing the first static kernmantle rope there were no modern solutions for professional rope and equipment needs. The now famous BlueWater II rope was born of this era, originally designed for the rigorous mud, rock and water conditions of caving. Today their constructions constantly evolve making BlueWater the leader in innovation, quality, performance and value. BlueWater continues as a family run operation ensuring you of the very highest quality products available.

Static (Low Elongation) Ropes

BlueWater offered the world's first static kernmantle rope for caving in 1969. This design evolved into the current BlueWater II Plus series of low elongation/static ropes. Today their ropes still set the world standard in quality, design and durability. It is vital for a low elongation rope to absorb the energy of accidental loading which could result in rope or anchor failure or individual injury. Only BlueWater ropes are designed to absorb this energy and limit these risks. The sheath and core strands of all BlueWater ropes are meticulously prepared prior to their final construction. This doubles the amount of time needed to manufacture each individual strand before braiding, but the result is worth the extra time and attention.

Dynamic Ropes

The best climbing ropes balance the following characteristics: light weight, low impact force, durability and superb handling. BlueWater's proprietary Duration Thermal Stabilization (DTS) process (where the nylon undergoes the critical heat treatment process) is so precise, it allows them to achieve a better balanced rope. Check for yourself, BlueWater ropes have the best specs period.

They've also raised the bar for dryness and rope longevity with their Double-Dry™ treatment. It is applied to each individual fiber in the sheath and core. Double-Dry allows just 11% water absorption (compared to the standard 20% to 30%) so your rope remains light and flexible under adverse conditions. Double-Dry also increases rope longevity and is an option on all of our dynamic cords. The more you know about ropes, the more you'll demand BlueWater.

Specialty Ropes

Specialty ropes are a favorite of BlueWater. One could argue that all of their ropes are in some way a specialty rope. BlueWater ropes are world renowned for their performance and ingenious designs.

BlueWater® Low Elongation Rope

Yates and BlueWater bring you the ultimate ropes for hard use. Through extensive design and testing we have achieved the perfect balance of strength, abrasion resistance, and load absorption with no sheath slippage during ascending and descending. Knotability is excellent. Consistent shape stability means that all BlueWater ropes maintain their shape well even under loads. This makes for increased reliability and superior performance. Overall by far, the best choice in work and rescue rope.

(A) NFPA 5/8, 1/2 Inch (General Use), 7/16 Inch (Technical Use)

16 carrier polyester sheath over a double twist nylon cable core. This unique balance of sheath and core produces a rope with exceptionally good handling and resistance to abrasion. The polyester sheath provides added protection from ultra-violet light and chemicals harmful to nylon. Designed with load absorption capabilities to provide additional safety in the event an *accidental* shock force is applied to the rope. UL classified to meet NFPA 1983/2012 edition standards.

item #	size	color	MBS (lbf/kN)	elong. (300/600/10% mbs)
1245	7/16	white w/blue	6744/29.9	2.9/5.9/8.4
1400	1/2	blue w/yellow	9891/43.9	3.0/5.0/7.9
1405	1/2	red w/yellow	9891/43.9	3.0/5.0/7.9
1410	1/2	orange w/yellow	9891/43.9	3.0/5.0/7.9
1415	1/2	yellow w/blue	9891/43.9	3.0/5.0/7.9
1420	1/2	white w/blue	9891/43.9	3.0/5.0/7.9
1425	1/2	white w/red	9891/43.9	3.0/5.0/7.9
1428	5/8	orange w/yellow	12,814/56.9	1.4/3.1/5.2

(B) SpecStatic Polyester 1/2 and 7/16 Inch

Constructed of 100% polyester fibers. Static elongation is a very low 2.6% at 600 lb. load. Used when the need for low elongation is more important than the need for higher energy absorption such as haul systems, long rappels and highlines. *SpecStatic should not be used as a belay line.* UL classified to meet NFPA 1983/2012 edition standards.

item #	size	NFPA	MBS (lbf/kN)	elong. (300/600/10% mbs)
1550	7/16	technical use	6750/30	1.8/2.3/3.0
1500	1/2	general use	9441/42	1.0/2.0/2.5

(C) BlueWater II™ 7/16 Inch

Similar to our NFPA rope using polyester fibers in the sheath yarns. Its 100% nylon core construction is desired in more alkaline/basic environments found in bridge and dam construction, caving and rappelling. Double twist cabled nylon sheath and a double twist cabled nylon core insures durability. CE, UIAA and NFPA T.

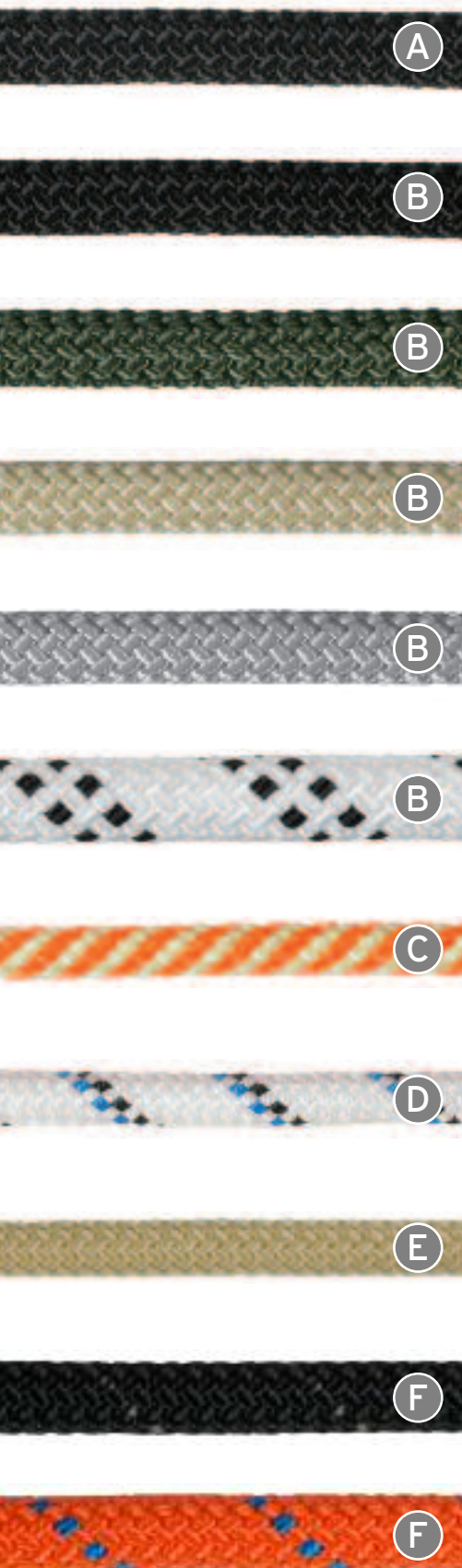
item #	size	NFPA	MBS (lbf/kN)	elong. (300/600/10% mbs)
1250	7/16	technical use	7194/31.9	3.1/5.8/9.1

(D) ArmorTech™ Technora® Aramid

A new concept in rope. Designed for high heat situations such as welding. Slag actually bounces off! The unique design of BlueWater's ArmorTech rope also gives it excellent cut resistant properties which are very advantageous in rock scaling, welding/cutting and construction applications. 1/2 inch version is UL classified to meet NFPA 1983/2012 edition General use standards.

item #	size	NFPA	MBS (lbf/kN)	elong. (300/600/10% mbs)
1427	7/16	n/a	8000/35	5.1/7.3/9.6
1426	1/2	general use	9441/42	3.6/6.1/8.7





(A) Assaultline® 7/16 Inch

The original low visibility, low elongation static rope. Polyester sheath with double twist cabled nylon core. CE, UIAA and NFPA T.

item #	size	NFPA	MBS (lbf/kN)	elong. (300/600/10% mbs)
1260	7/16	technical use	7194/31.9	2.5/4.1/6.9

(B) ProTac™ 10.5, 11 mm (Technical Use), 1/2 inch (General Use)

32 carrier polyester sheath braided over a double twist nylon cable core. ProTac rope is slightly smaller diameter than standard 7/16 Assaultline by the use of a greater number of smaller diameter sheath yarns. 50/50 ratio of sheath to core ensures good abrasion resistance. Smoother running in descent control devices. Originally developed for the FBI training center in Quantico, Virginia, this construction technique has been recognized in the tactical community as the best all around rappel rope available today. 11 mm and 1/2 inch are UL classified to meet NFPA 1983/2012 edition standards.

item #	size	color	MBS (lbf/kN)
1264	10.5mm	black	6500/28.8

item #	size	color	MBS (lbf/kN)	elong. (300/600/10% mbs)
1265	11mm	black	7194/31.9	4.2/6.4/8.4
1270	11mm	o.d. green	7194/31.9	4.2/6.4/8.4
1275	11mm	desert sand	7194/31.9	4.2/6.4/8.4
1280	11mm	urban gray	7194/31.9	4.2/6.4/8.4
1285	1/2 inch	black	9667/42.9	2.0/4.3/6.5
1290	1/2 inch	white w/black	9667/42.9	2.0/4.3/6.5

(C) Hybrid EscapeLine™

Sheath is a 50/50 ratio of Technora aramid fiber for fire resistance and bright orange polyester for visibility in low light situations. Nylon core. Very controllable and smooth in a personal escape device. UL classified to meet NFPA 1983/2012 edition Escape Rope standards.

item #	size	color	MBS (lbf/kN)	elong. (300/600/10% mbs)
1460	7.5mm	orange/sand	3372/14.9	6.2/9.9/11.9

(D) EscapeLine™

Polyester sheath with nylon core. UL classified to meet NFPA 1983/2012 edition Escape Rope standards.

item #	size	color	MBS (lbf/kN)	elong. (300/600/10% mbs)
1465	8mm	white/blue black	4271/18.9	5.4/8.7/11.3

(E) Escape-Tech Personal Escape Rope

100% Technora core and sheath. Same construction as FDNY escape system rope. Super high heat resistance. UL classified to meet NFPA 1983/2012 edition Fire Escape standards.

item #	size	color	MBS (lbf/kN)	elong. (300/600/10% mbs)
1459	7.5mm	tan	5845/25.9	0.8/1.2/1.6

(F) Dyna-Stat Technical Rescue and Heli-Rappel Rope

All the best qualities of a dynamic climbing rope combined with the static qualities of a low elongation technical rescue rope. See more details on page 76.

item #	size	color	MBS (lbf/kN)	elong. (300/600/10% mbs)
1576	7/16 inch	black	7485/33.2	4.5/8.6/12.8
1577	7/16 inch	orange	7485/33.2	4.5/8.6/12.8

BlueWater High Stretch Rope (dynamic)

BlueWater's proprietary Duration Thermal Stabilization (DTS) method produces dynamic ropes that yield incomparable consistency. DTS allows for complete and even penetration of heat used in the processing of yarns. This yields well-balanced, high performance, lightweight ropes with excellent handling and durability characteristics. BlueWater dynamic ropes are CE and UIAA certified.

(G) Icon 9.1 mm Tactical Dynamic Climbing Rope

One of the lightest certified single ropes on earth is now also certified as a half rope. This cord sets a new lightweight standard for tactical and mountain rescue applications where every gram matters. Double 'em up for the ultimate in versatility. Rugged 40 carrier construction for super durability.

item #	name	color	MBS (lbf/kN)
1350	Icon	black/o.d. green	4600/20.4
1351	Icon	o.d. green/black	4600/20.4
1353	Icon	coyote/black	4600/20.4

(G) SlimLine Elite™ 10.3 mm Tactical Dynamic Climbing Rope

Our best all around climbing rope. Long wearing with high sheath to core ratio yet lightweight for the user. The perfect balance between a lightweight and durable rope with a high fall rating. Excellent rope for tactical and mountain rescue lead climbing situations. Rugged 40 carrier construction for super durability.

item #	name	color	MBS (lbf/kN)
1370	SlimLine Elite	black/o.d. green	5074/22.5
1371	SlimLine Elite	o.d. green/black	5074/22.5
1373	SlimLine Elite	coyote/black	5074/22.5

(G) Enduro™ 11 mm Tactical Dynamic Climbing Rope

Designed for lead climbing above a rigging point. This unique rope has many of the attributes of the best low stretch ropes, with the exceptional shock absorbing capabilities of a dynamic rope. 40 carrier braid construction with the thickest sheath to core ratio (43/57) on the market, yielding a rope with abrasion resistance never before seen in a dynamic climbing rope. It has an extremely high UIAA fall rating of 16. Static elongation of 6.3%. Dynamic elongation of 31%. Rugged 40 carrier construction for super durability.

item #	name	color	MBS (lbf/kN)
1215	Enduro	black/o.d. green	5500/24.4
1216	Enduro	o.d. green/black	5500/24.4
1218	Enduro	coyote/black	5500/24.4

(H) Dynamic Prusik Cord

Designed for extra load absorbing qualities of dynamic ropes. The supple hand of these specially engineered prusik cords, combined with their shock absorbing capacity, has set another new standard for added safety in a rescue system.

item #	name	size	color	MBS (lbf/kN)
1471	Dynamic Prusik	6.5mm	coyote/black	2200/9.7
1472	Dynamic Prusik	6.5mm	black/o.d. green	2200/9.7
1475	Dynamic Prusik	7mm	red/yellow	2600/11.5
1476	Dynamic Prusik	7mm	yellow/red	2600/11.5
1480	Dynamic Prusik	8mm	blue/yellow	2871/12.7
1481	Dynamic Prusik	8mm	yellow/blue	2871/12.7



(A) Double Ended Rope Bags

Very useful in low angle rescue operations where limited resources are available. Both ends of the rope can be used simultaneously. Constructed of heavy duty water resistant 1000 denier Cordura for years of rugged use. 2 inch nylon rolled webbing grab and throw handles. Dust flaps and tie-in loops located inside each end of bag. Large diameter 3 mm cord and heavy duty cord lock allows for a superior closure. Vinyl window for rope log. All seams double stitched, taped and reinforced. Bags are measured for 1/2 inch rope. All bags are available in blue, red, black, yellow, orange.

455	Double End Small	150 ft.
460	Double End Medium	200 ft.
465	Double End Large	300 ft.

(B) Bucket Style Rope Bags

Constructed of heavy duty water resistant 1000 denier Cordura for years of rugged use. 2 inch nylon rolled webbing grab handles. Vinyl window for rope log. Dust flap and attachment loops inside bag. Large diameter 3 mm cord and heavy duty cord lock allows for a superior closure. Large reinforced grommet located on bottom. All seams double stitched, taped and reinforced. Bags are measured for 1/2 inch rope. All bags are available in blue, red, black, yellow, orange.

467	Standard Small	150 ft.
468	Standard Medium	200 ft.
469	Standard Large	300 ft.
472	Medium w/Straps	225 ft.
471	Large w/Straps	300 ft.
470	XL w/Straps	450 ft.
475	XXL w/Straps	600 ft.

Rope Bag Size Chart		diameter	height
481	Personal	8 in.	10 in.
466	X Small	8 in.	13 in.
467	Small	11 in.	13 in.
468	Medium	11 in.	19 in.
469	Large	11 in.	25 in.
472	Medium w/Straps	11 in.	19 in.
471	Large w/Straps	11 in.	25 in.
470	XL w/Straps	13 in.	25 in.
475	XXL w/Straps	14 in.	25 in.
455	Double End Small	10 in.	18 in.
460	Double End Medium	10 in.	22 in.
465	Double End Large	12 in.	26 in.

A



B





449 Canvas Edge Pad

Heavy duty edge pad made from two layers of heavy duty canvas. Designed to protect ropes from abrasion when stretched across the rough surfaces encountered in rappelling, rescue, high rise building maintenance, and other operations. Pads are reversible. Corners have extra large grommets for anchoring. Grommets are large enough to accommodate a carabiner. Size 30 x 36 inches.

Canvas Rope Guards

Protective sleeve made with two layers of heavy duty canvas. Designed to protect ropes from abrasion when stretched across the rough surfaces encountered in rappelling, rescue, high rise building maintenance, and other operations. Rope guards are reversible. 2 inch hook and loop closure. Webbing tether loops at both ends are used instead of grommets to reduce sharp edges.

446	Small	18 inch
447	Medium	24 inch
448	Large	36 inch

Extra Small Rope Bag

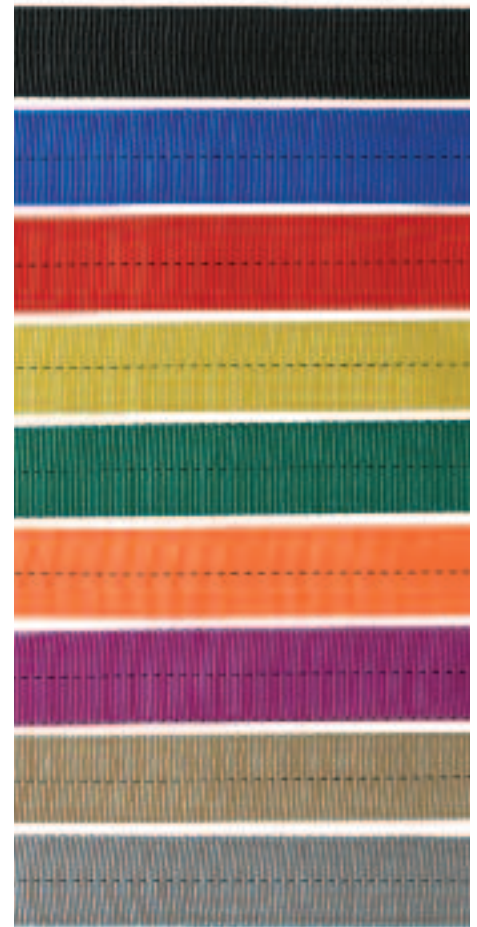
Constructed of heavy duty water resistant Cordura for years of rugged use. Also great for personal equipment. Available in blue, red, black, yellow, orange.

466	X Small	100 ft.
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Personal Rope Bag

Constructed of heavy duty water resistant Cordura for years of rugged use. Also great for personal equipment or a small stuff sack. Available in blue, red, black, yellow, orange.

481	Personal	50 ft.
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700 1 Inch Tubular Webbing

Mil spec 5625 shuttle loom tubular webbing is made without edge catch stitching. This construction technique offers exceptional abrasion resistance with excellent knotability. Colors: black, blue, red, yellow, green, orange, purple, sand, gray. Strength 4000 lbf. (17.7kN).



705 1 Inch Flat Webbing

1 inch mil spec type 18 is regarded as the best webbing to use for heavy duty rigging applications. Shuttle loom flat webbing construction offers superior abrasion resistance. Colors: black, red, orange, yellow, blue, and o.d. Strength 6000 lbf. (26.6kN)

PICK-OFF STRAPS



(A) 439 1 to 1 Standard Pick-off/Transfer Strap

1.75 inch heavy duty resin treated webbing for high protection from abrasion and wear. Also useful as an adjustable anchor strap.

- Strength 5000 lbf. (22.2kN)
- Maximum length 6 feet

(B) 440 Yates/Roco Pick-off/Adjustable Anchor Strap

Designed with Roco Rescue. Meets NFPA G requirements. Can be wrapped single, choker, or end to end. Pick-off strap configuration allows 2 to 1 mechanical advantage for easier handling of patient. Made using 1.75 inch 9000 lbf. (40kN) heavy duty resin treated webbing for better protection from abrasion and wear. UL classified to meet NFPA 1983/2012 edition standards. Strength 8775 lbf. (39kN) end-to-end configuration. Length extended 53 inches.

(C) NFPA G Anchor Straps

Made from mil spec 10,000 lbf. 1.75 inch flat webbing. All hardware meets NFPA G and military specifications. 5000 lbf. proof load tested D ring at each end. Small D ring can be inserted through larger D ring for choker configuration. UL classified to meet NFPA 1983/2012 edition standards. Strength 8775 lbf. (39kN) end-to-end. Available in multiple lengths. Custom sizes available. All hardware and webbing made in USA.

2135	3 feet
2130	5 feet
2110	7 feet
2140	12 feet

ANCHOR STRAPS



Medium Duty Anchor Loops

1 inch heavy duty type 18 mil spec flat 5500 lbf. (24kN) webbing sewn in a continuous loop. Strength 9000 lbf. (40kN). Anchor loop meets OSHA minimum strength requirement for an anchor 5000 lbf. (22.2kN) in choker configuration. Anchor loop tests to 5500 mbs (24kN) in choker configuration. Red, Blue, Black, Orange, OD Green, Yellow, Forest Green

709	2 feet
711	3 feet
712	4 feet
713	6 feet
714	8 feet
715	10 feet

Heavy Duty Anchor Loops

1 inch extra heavy duty flat 10,000 lbf. (44kN) webbing with red cut indicator tracers sewn in a continuous loop. Strength 15,000 lbf. (64.5kN).

690	2 feet
691	3 feet
692	4 feet
693	6 feet
694	8 feet
695	10 feet

Heavy and Super Duty Anchor Slings

Large D ring at ends of strap allow the sling to be wrapped single, double, triple and rigged choker style depending on the particular situation. Manufactured from 2 inch heavy duty or super heavy duty webbing. D rings are rated at 15,000 lbf. Available with 3 inch nylon wear pad for extra durability. Longer lengths also available to 20 feet. Heavy duty available in black. Super Duty available in yellow. Strength Heavy Duty 8000 lbf. WLL 800 lbf. Super Duty 15,000 lbf. WLL 1500 lbf.

840	4 feet	Heavy Duty
841	6 feet	Heavy Duty
842	8 feet	Heavy Duty
843	10 feet	Heavy Duty
860	4 feet	Heavy Duty w/Wear Pad
861	6 feet	Heavy Duty w/Wear Pad
862	8 feet	Heavy Duty w/Wear Pad
863	10 feet	Heavy Duty w/Wear Pad
845	4 feet	Super Duty
846	6 feet	Super Duty
847	8 feet	Super Duty
848	10 feet	Super Duty
850	4 feet	Super Duty w/Wear Pad
851	6 feet	Super Duty w/Wear Pad
852	8 feet	Super Duty w/Wear Pad
853	10 feet	Super Duty w/Wear Pad

(A) Standard Daisy Chains

Classic daisy chain made of 11/16 inch nylon super tape tubular webbing. Overall strength is 5000 lbf. (22.2kN). Individual pocket strength 1000 lbf. (4.4kN).

540	36 inches	9 Pockets
545	54 inches	14 Pockets

(B) 539 Heavy Duty Daisy Chain

Extra long daisy chain made of 1 inch heavy duty nylon webbing. Strength 5000 lbf. (22.2kN). Individual pocket strength is 1000 lbf. (4.4kN). Length 6 feet with 20 pockets. Black.

(C) Heavy Duty Rescue Anchor Runner

Heavy duty nylon webbing with a 6 inch loop sewn at each end. Loop ends allow the sling to be wrapped single, double, triple or end to end depending on the particular situation. More abrasion and cut resistant than 1 inch tubular webbing. Loop to loop strength is 5000 lbf. (22.2kN). Black, red, yellow, blue.

670	2 feet
672	3 feet
674	4 feet
676	6 feet
678	8 feet
675	10 feet

(D) Extra Heavy Duty Rescue Anchor Runner

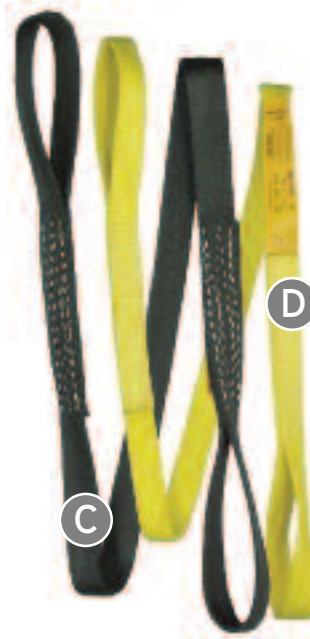
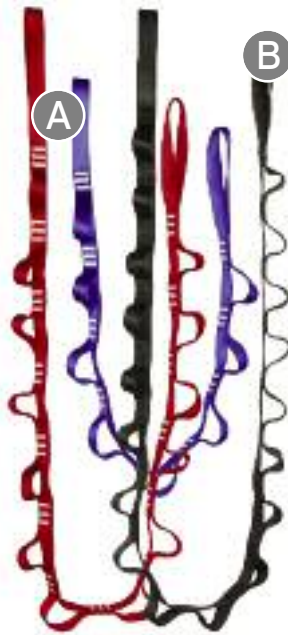
Yellow 1 inch extra heavy duty flat 10,000 lbf. (44kN) webbing with red cut indicator tracers. Loop ends allow the sling to be wrapped single, double, triple or end to end depending on the particular situation. More abrasion and cut resistant than 1 inch tubular webbing. Loop to loop strength is 8500 lbf. (37kN).

680	2 feet
681	3 feet
682	4 feet
683	6 feet
684	8 feet
685	10 feet

3400 Yates Load Release Strap

Designed to make sizing and tying a load releasing hitch safe and uncomplicated. Allows release of heavy loads in an easily controlled manner. This unique configuration will not allow free end to slip past the D ring on the end of the strap. Designed to meet CAL Fire and California State Fire Marshals Office requirements for Low Angle Rope Rescue Operations (LARRO). Carabiner not included.

- Strength 8039 lbf. (36kN)
- Length when fully extended 55 inches
- UL Classified to meet NFPA 1983/2012 edition standards



Yates Adjustable Anchor Strap

Adjustable length anchor or heavy duty pick-off strap meets NFPA G requirements. Can be wrapped single, choker, or end to end. Pick-off strap configuration allows 2 to 1 mechanical advantage for easier handling of patient. Made using 1.75 inch 9000 lbf. (40kN) heavy duty resin treated webbing for better protection from abrasion and wear. UL classified to meet NFPA 1983/2012 edition standards. Strength 8775 lbf. (39kN) end-to-end configuration.

443	Adj. Anchor Strap	2 - 6 ft.
442	Adj. Anchor Strap	2 - 8 ft.
444	Adj. Anchor Strap	2 - 12 ft.



Adjustable Length 6 foot Free Fall Shock Absorbing Lanyards

Lanyard legs are made from heavy duty 1 inch 9800 lbf. webbing. Adjustable from 4 to 6 feet.

- Strength 5000 lbf. (22.2kN)
- Maximum free fall distance allowed 6 ft.
- New snap hooks located on shock absorber and legs meet 3600 lbf. (15kN) side load gate strength requirements of ANSI Z359.12-2009 standard.
- **Certified to ANSI/ASSE Z359.12-2009 and ANSI/ASSE Z359.13-2009 standards**

- (A) 812 2.5 inch Steel Ladder Hooks
(B) 816 .75 inch Steel Snap Hooks



Bungee Tool Tether

Unique tool tether with high strength. Retracted length 36 inches, full extension 60 inches. One end is designed with half twist to allow for girth hitching of tools. Strength 850 lbf. (4kN).



Adjustable Length 12 foot Free Fall Lanyards

Lanyard legs are made from heavy duty 1 inch, 9800 lbf. webbing. Adjustable from 4 to 6 feet. Available with aluminum or steel ladder hooks. Unique design of .75 inch new captive eye carabiner style snap hook allows for tie-back directly to webbing on lanyard legs. Cross load strength of snap hook gate is 5000 lbf. (22.2 kN). D ring can also be used for tie-back. This allows for the worker to safely connect at foot level. Ideal for transmission tower and wind turbine workers.

- Strength 5000 lbf. (22.2kN)
- Maximum free fall distance allowed 12 feet
- Large aluminum or steel ladder hooks meet 3600 lbf. (15kN) side load gate strength requirements of ANSI Z359.12-2009 standard.
- **Certified to ANSI/ASSE Z359.12-2009 and ANSI/ASSE Z359.13-2009 standards**

- 812-12 Steel Ladder Hook
827-12 Aluminum Ladder Hook
816-12 .75 inch Steel Snap Hooks

NEW! 100% Tie Off 12 foot Free Fall Lanyards

Lanyard legs are made from heavy duty 1 inch, 9800 lbf. webbing. 6 foot length. Available with aluminum or steel ladder hooks. This allows for the worker to safely connect at foot level. Ideal for transmission tower and wind turbine workers.

- Strength 5000 lbf. (22.2kN)
- Maximum free fall distance allowed 12 feet
- New snap hooks located on shock absorber and legs meet 3600 lbf. (15kN) side load gate strength requirements of ANSI Z359.12-2009 standard.
- **Certified to ANSI/ASSE Z359.12-2009 and ANSI/ASSE Z359.13-2009 standards**

- 875-12 2.5 inch Steel Ladder Hooks
876-12 2.5 inch Alum. Ladder Hooks

6 ft. Free Fall Shock Absorbing Lanyards

Manufactured from heavy duty 1.75 inch, 5000 lbf. webbing. 4 and 6 foot lengths. Steel snap hooks.

- Strength 5000 lbf. (22.2kN)
- Maximum free fall distance allowed 6 ft.
- New snap hooks located on shock absorber and legs meet 3600 lbf. (15kN) side load gate strength requirements of ANSI Z359.12-2009 standard.
- **Certified to ANSI/ASSE Z359.12-2009 and ANSI/ASSE Z359.13-2009 standards**

- 808 4 foot Steel Snap Hooks
809 6 foot Steel Snap Hooks

LANYARDS

100% Tie Off Adjustable Length 6 ft. Free Fall Lanyards

Adjustable and elasticized 6 foot lengths. with extra large (ladder) steel and aluminum hooks.

- Strength 5000 lbf. (22.2kN)
- Maximum free fall distance allowed 6 ft.
- New snap hooks located on shock absorber and legs meet 3600 lbf. (15kN) side load gate strength requirements of ANSI Z359.12-2009 standard.
- **Certified to ANSI/ASSE Z359.12-2009 and ANSI/ASSE Z359.13-2009 standards**

819	6 foot	.75 inch Steel Snap Hooks
875	6 foot	2.5 inch Steel Ladder Hooks
876	6 foot	2.5 inch Alum. Ladder Hooks
880	6 foot	Elastic w/2.5 inch Steel Hooks
881	6 foot	Elastic w/2.5 inch Alum. Hooks



876



880

Webbing Lanyards

Manufactured from heavy duty 1 inch 9800 lbf. webbing. Available in fixed lengths. Work positioning only. Made with steel snap hooks.

- Strength 5000 lbf. (22.2kN)

830	2 foot
831	3 foot
832	4 foot
833	5 foot
834	6 foot



325 Tower Bypass Lanyard

Manufactured from heavy duty 1 inch webbing. 34 inches in length. Steel snap and aluminum ladder hooks.

- Strength 5000 lbf. (22.2kN)



832

FIRE/RESCUE LANYARDS



(C) 827 Adjustable Nylon Tower/Ladder Lanyard

Allows the firefighter to attach to a bucket or ladder, while allowing enough length for mobility. Overall length can be adjusted from 4 to 6 feet. Ideal for roof ventilation and window rescue situations. Easy to operate, double locking snap hooks are located at each end of the strap. The extra large hook will open to 2.5 inches to accommodate any ladder rung. Not to be used in temperatures above 250°F or in direct flame. Weight 2 lb. 6 oz.

- Steel snap hook with lightweight aluminum ladder hook
- Maximum free fall distance allowed 6 ft.
- **Certified to ANSI/ASSE Z359.12-2009 and ANSI/ASSE Z359.13-2009 standards**

(D) 828 Kevlar Tower/Ladder Lanyard

Kevlar Tower/Ladder Lanyard is designed for high heat environments. Lanyard is sewn entirely of heat resistant Kevlar webbing and thread. Shock absorber portion of lanyard is covered with Nomex material for added protection. Allows the firefighter to attach to a bucket or ladder, while allowing enough length for mobility. Overall length is 6 feet. Ideal for roof ventilation and window rescue situations. Easy to operate double locking snap hooks are located at each end of the strap. The extra large hook will open to 2.5 inches to accommodate any ladder rung. Weight 2 lb. 10 oz.

- Steel snap hook and large lightweight aluminum ladder hook
- Maximum free fall distance allowed 6 ft.
- **Certified to ANSI/ASSE Z359.12-2009 and ANSI/ASSE Z359.13-2009 standards**



8010 First Responder Rappel Kit

Basic kit designed to give first responders the equipment necessary to make initial access to a vehicle off the road on a steep slope or cliff situation. Equipment can be used to set up a rappel, belay or hand line to achieve access to a victim in a safe manner. An ideal kit for ambulance or patrol vehicles.

- 1 200 foot 1/2 inch Rope (white w/tracer)
- 1 Medium Rope Bag (any color)
- 2 Yates NFPA Seat Harnesses
- 2 Petzl Vertex Helmets
- 2 Aluminum Rescue Figure 8's
- 6 Steel NFPA Autolock Carabiners
- 1 6 foot Anchor Strap with Wear Pad
- 1 9mm Delta Link
- 1 Yates Riggers Gear Bag



8030 Small Team Equipment Kit

All the basic equipment needed to rig a mainline lowering or raising and belay system except for the ropes. Kit includes hardware, lowering device, edge protection and anchor rigging. Equipment is stored in Yates/Evac Tech Rescue Equipment Pack for easy transport and sorting on the scene.

- 1 Brake Rack
- 3 Yates Mountain Lite Single Pulleys
- 2 Yates Mountain Lite Double Pulleys
- 1 Rescue Rigger Rigging Plate
- 10 Steel NFPA Autolock Carabiners
- 2 Sets Tandem Dynamic Prusiks
- 2 Medium Rope Guards
- 1 Rope Edge Pad
- 2 15 foot Type 18 Webbing
- 2 20 foot Type 18 Webbing
- 1 6 foot Anchor Strap with Wear Pad
- 1 8 foot Anchor Strap with Wear Pad
- 1 2:1 Heavy Duty Pick-off/Transfer Strap
- 2 9mm Delta Links
- 1 Yates/Evac Tech Rescue Equipment Pack



8040 Rope Rescue Team Kit

Complete package of equipment needed for most low angle and high angle cliff rescue operations. Equipment provided for mainline lowering or raising and belay system including hardware, lowering device, edge protection and anchor rigging. Stored in Yates/Evac Tech Rescue Equipment Pack and Yates Rope Bags with Shoulder Straps for easy equipment separation, sorting and transportation. This kit does not include the personal equipment needed by the rescuer (see kit item 8020).

- | | |
|--|--|
| 1 Traverse Titan Rescue Stretcher | 1 Rope Edge Pad |
| 1 Sierra Safety Litter Pre-rig | 3 15 foot Type 18 Webbing |
| 2 200 foot 1/2 inch Ropes (any colors) | 3 20 foot Type 18 Webbing |
| 2 Medium Rope Bags with Shoulder Straps (any colors) | 1 4 foot Anchor Strap with Wear Pad |
| 1 Brake Rack | 1 6 foot Anchor Strap with Wear Pad |
| 3 Yates Mountain Lite Single Pulleys | 5 9mm Delta Links |
| 2 Yates Mountain Lite Double Pulleys | 1 2:1 Heavy Duty Pick-off/Transfer Strap |
| 1 Rescue Rigger Rigging Plate | 1 Load Release Strap |
| 14 Steel NFPA Autolock Carabiners | 2 Bolt and Tool Bags |
| 4 Sets Tandem Dynamic Prusiks | 1 Yates Riggers Gear Bag |
| 2 Medium Rope Guards | 1 Yates/Evac Tech Rescue Equipment Pack |



8020 Rescuer Personal Equipment Kit

Includes necessary equipment required for individual rescue personnel. Kit includes helmet with headlamp, hand protection, safety harness, and personal rappel and belay equipment.

- 1 Voyager or Tech Rescue II harness
- 1 Petzl Vertex Helmet
- 1 Tikka XP Headlamp
- 1 Pair Ringers Rope Gloves
- 1 Aluminum Rescue Figure 8
- 1 Kong Tactical 3 Stage Carabiner
- 2 DMM Yates TriLock Carabiners
- 2 Steel NFPA Autolock Carabiners
- 1 15 foot Type 18 Webbing
- 1 Heavy Duty Daisy Chain
- 1 Set Tandem Dynamic Prusiks
- 1 Bolt and Tool Bag
- 1 Large Yates/Evac Personal Gear Bag

A collection of climbing and rescue equipment. At the top left is a full-body safety harness with black, orange, and blue straps and yellow attachment points. To its right is an orange climbing helmet with a chin strap. Below the helmet is a black wristwatch. Further right are two black climbing gloves. Below the gloves are two silver metal carabiners and two black plastic carabiners. At the bottom left is a large black duffel bag with a handle and a small label. To the right of the bag is a blue and yellow rope.

- 1 Yates Heavy Rescue, Fall Safe Pro or Tech Rescue II harness
- 1 Petzl Vertex Helmet
- 1 Petzl Tikka XP Headlamp
- 1 Pair Ringers Rope Gloves
- 2 DMM Yates TriLock Carabiners
- 2 Steel NFPA Autolock Carabiners
- 1 Bolt and Tool Bag
- 1 Set Tandem Dynamic Prusiks
- 1 Large Yates/Evac Personal Gear Bag



2 150 foot Ropes (any colors)	
2 Small Rope Bags (any colors)	
2 Yates Heavy Rescue, Fall Safe Pro or Tech Rescue II harness	10 Steel NFPA Autolock Carabiners
2 Petzl Vertex Helmets	2 Sets Tandem Dynamic Prusiks
2 Petzl Tikka XP Headlamps	2 Load Release Straps
2 Pair Ringers Rope Gloves	2 9mm Delta Links
4 DMM Yates TriLock Carabiners	2 Bolt and Tool Bags
1 Petzl I'D (G Rated)	2 Medium Yates/Evac Personal Gear Bags
4 Yates Mountain Lite Single Pulleys	1 Yates/Evac Rescue Equipment Back Loader



8070 Confined Space Entry Kit

A complete kit for gaining vertical entry into a confined space. Includes all the necessary hardware and rope to provide a entrant/access line and belay or retrieval line. This kit is designed to be combined with the Confined Space Rescuer Personal Equipment Kit (item 8060). Confined Space Entry Kit can be combined with the Confined Space Standby Kit (item 8050) to equip a four person team.

- | | |
|--|---|
| 1 Airshore Lite Tripod with Bag | 2 Medium Rope Guards |
| 1 RSI Haul Safe | 1 Rope Edge Pad |
| 1 Rescue Clip with Pole | 3 15 foot Type 18 Webbing |
| 2 200 foot 1/2 inch Ropes (any colors) | 3 20 foot Type 18 Webbing |
| 2 Medium Rope Bags with Shoulder Straps (any colors) | 2 Load Release Straps |
| 1 Petzl I'D (G Rated) | 4 9mm Delta Links |
| 2 Yates Mountain Lite Single Pulleys | 1 2:1 HD Pick-off/Transfer Strap |
| 1 Yates Mountain Lite Double Pulley | 1 Yates Riggers Gear Bag |
| 1 Rescue Rigger Rigging Plate | 1 Yates/Evac Tech Rescue Equipment Pack |
| 10 Steel NFPA Autolock Carabiners | |
| 4 Sets Tandem Dynamic Prusiks | |



Haul Safe Kits

Completely rigged and ready to go! Hauling and raising pulley with built-in cam safety grab. The 4:1 unit provides the ideal mechanical advantage for manhole and vessel extraction. Once attached to a rigging point and worker is properly secured with safety cam engaged, unit works as a hauling system with a deadman's safety. Even if the hauling team is incapacitated, the victim is secure and will not fall. Works with the cam before the sheave to allow much greater direction of pull on haul line. The cam can be locked open with the safety pin to use the Haul Safe as a double sheave pulley. Kit includes:

- 4:1 or 5:1 theoretical mechanical advantage depending upon configuration
- 200 foot BlueWater low stretch rope with sewn end
- RSI double sheave Haul Safe
- Yates Mountain Lite 2.5 inch double sheave pulley with becket
- Maillon oval screw link
- SMC Triguard 3 stage carabiner
- Steel modified 3 stage carabiner
- Yates rope bag

6108	7/16 inch Rope
6110	1/2 inch Rope

LE RAPPEL KIT



8015 LE Rappel Kit

Basic kit designed to give units the equipment needed to make initial access via rappel for tactical situations. Equipment can be used set up to a rappel, belay, or hand line to achieve access for tactical situations. Ideal kit for SWAT Team personnel.

- 1 Lightweight Assault Harness
- 1 Petzl Rig
- 1 150 foot ProTac 7/16 inch Rope
- 1 Tactical Rope Bag
- 1 18 inch Canvas Rope Guard
- 1 4 foot Dyneema Runner
- 1 6 foot Dyneema Runner
- 1 20 foot Type 18 Webbing
- 2 DMM Tactical Ovalock Carabiners
- 3 Yates Oval Screwgate Carabiners

RPM/MECHANICAL ADVANTAGE KITS



8002 RPM Main Line

RPM (Rack, Pulley, Mariners Hitch) kit allows for efficient and safe change over from raising to lowering or belay systems. RPM system is mandated for use in Low Angle Rope Rescue Operations (LARRO) by CAL Fire and California State Fire Marshals Office.

- | | |
|--------------------------------------|------------------------------|
| 1 Yates Load Release Strap | 7 Steel Autolock Carabiners |
| 1 Brake Rack | 1 Set Tandem Dynamic Prusiks |
| 2 Yates Mountain Lite Single Pulleys | 1 15 foot Type 18 Webbing |
| 1 Rescue Rigger Rigging Plate | 1 Rope Bag |

8003 RPM Belay/Safety Line

Simple belay kit utilizing tandem prusik belay method. Tandem prusik belay method is mandated for use in Low Angle Rope Rescue Operations (LARRO) by CAL Fire and California State Fire Marshals Office.

- 1 Yates Load Release Strap
- 3 Steel Autolock Carabiners
- 1 Set Tandem Dynamic Prusiks
- 1 15 foot Type 18 Webbing



8004 Yates Mechanical Advantage

Pre-rigged 4:1/5:1 theoretical mechanical advantage kit contains all necessary equipment needed for a pig-rig (piggyback, ganged-on) raising system. Pre-rigged raising systems are recognized as the quickest to employ and the most efficient systems used today in standard low and high angle rescue. Less set up time and training time required as compared to building mechanical advantage systems on-scene.

- 1 150 foot 1/2 inch BlueWater NFPA Rope (any available color)
- 1 Petzl Rescucender
- 2 Yates Mountain Lite Double Pulleys
- 2 Steel Autolock Carabiners
- 1 Short Dynamic Prusik
- 1 Rope Bag







Base harness



Complete unit with legs stowed



Rear view



361 Special Ops Full Body Harness

A full body harness and tactical load bearing vest are combined offering a unique product for civilian Special Operations and SWAT personnel. This modular harness and tactical vest combination was originally developed by Survival Inc. as the Joint Services Aircrew Vest and Extraction System™ (JSAVES) for US Air Force helicopter pilots and crew. Some additional features and add on modules were added for civilian Special Ops needs. Comes with front attachment points which when connected with a locking carabiner can be used for extraction or rappel applications. A rear dorsal D ring is provided for helicopter spotter or gunner lanyard attachment. Easily donned by use of quick connect double release action mil spec Cobra buckles on waist, sternum and leg loops. Leg loops are stowed in concealed pockets on the bottom of the vest until needed. 4 inch padded waist pad and removable leg pads are provided. Tactical load bearing vest is designed using the latest military Modular Lightweight Load Carrying Equipment (MOLLE) system to easily attach desired pockets, ammo pouches and weapons. The vest does not come with any pockets or pouches. Molded rubber drag handle included on rear of vest. Weight 5 lb. 12 oz. with vest.

- One size, fully adjustable
- Available in terra or black
- Additional attachments include flotation vest and rescue swimmer attachment



304 Tactical Rappel Belt

Designed in conjunction with military Special Operations units this harness is worn as a duty belt on user's BDU's. Stiffer webbing is sewn inside the belt area of the harness to support wearing side arm. Leg portion can be quickly donned by opening the pouch and securing the leg loop portions with quick connect aluminum Cobra buckles. Harness attachment point is well suited for all rappel and extraction situations. Weight 1 lb. 6 oz.

- Sizes M and L
- Available in black or foliage green and MultiCam/terra
- 1.5 inch webbing on leg loops
- Utilizes slot webbing construction
- **Also available: Climbing Leg Suspension Strap (item 303)**
- **Now available with quick connect Cobra waist buckle for easy donning (item 304C)**



Quick connect buckle feature



304 with leg loops donned



304 worn as duty belt

319CPJ Special Forces Rappel Belt

Unique new concept for a CQB belt system that can easily be converted to a rappel or extraction seat harness. Belt portion of harness can be worn as a standard CQB belt. Leg support portion of harness is easily attached to the belt with Cobra quick connect buckles. Leg portion is small enough to be stowed in BDU leg pockets. CPJ version has 1 inch Cobra leg buckles for the most minimalist in stowable bulk. Harness attachment point is well suited for all rappel and extraction situations. Weight 1 lb. 4 oz.

- Sizes M and L
- Available in terra
- 1 inch webbing on leg loops with widened area in rear for support
- Utilizes slot webbing construction
- 1 inch Cobra leg buckles
- **Also available: Climbing Leg Suspension Strap (item 303)**



319



319C

319, 319C Special Forces Rappel Belt

Unique new concept for a CQB belt system that can easily be converted to a rappel or extraction seat harness. Belt portion of harness can be worn as a standard CQB belt. Leg support portion of harness is easily attached to the belt with Cobra quick connect buckles. Leg portion is small enough to be stowed in BDU leg pockets. Harness attachment point is well suited for all rappel and extraction situations. Weight 1 lb. 6 oz.



- Sizes M and L
- Available in terra
- 1.5 inch webbing on leg loops widen to 2 inches in rear for leg support
- Utilizes slot webbing construction
- **Also available: Climbing Leg Suspension Strap (item 303)**
- **Also available with 1.75 inch quick release Cobra waist buckle (item 319C)**





355 Extraction Harness

Used by many agency personnel for short haul, rappel and extraction (SPIE) operations. All webbing and hardware colored black. Two piece quick connect buckles on the legs, waist and sternum. Meets FAA TSO-C167 construction and function requirements for short haul harnesses. Weight 4 lb. 7 oz.

- One size, fully adjustable
- UL classified to meet NFPA 1983/2012 edition standards
- Meets ANSI/OSHA Class III harness standards



364 Stabo Lanyard

22 inch lanyard made of 7000 lbf. (31kN) nylon webbing. Designed to girth hitch to dorsal D ring of Yates Stabo or Extraction harness for SPIE extraction operations. Green gate DMM Tactical Ovalock 3 Stage aluminum carabiner w/captive pin included. Made in USA.



360 Stabo/Tactical Full Body Harness

Specially designed for rapid rappel and extraction operations and specified for DOJ short haul programs. The waist and sternum buckles have secondary hook and loop safety closure over buckles. Mil spec load bearing vest shoulder straps are sewn into the harness allowing the harness to be worn under any military load bearing vest by replacing the existing harness straps with the Stabo straps and connecting the Alice clips of the vest the the waist of the harness. Leg pouches on the harness allow for leg loops to be stowed away when not in use. Currently being used by many DEA, FBI, BLM, Army Rangers and Special Forces personnel. Meets FAA TSO-C167 construction and function requirements for short haul harnesses. Contrasting brown thread for visual inspection. Weight 4 lb. 11 oz.

- One size, fully adjustable and also in Small
- Large D ring for multiple connections
- Shoulder D rings included
- UL classified to meet NFPA 1983/2012 edition standards
- Meets ANSI/OSHA full body harness standards



313 Lightweight Assault Harness

Well suited for all rescue, military, SWAT and tactical applications where a Class II harness is utilized. Similar to the Assault II Harness with quick adjust waist buckle system for easier entry. D ring used for main attachment point. Weight 1 lb. 8 oz.

- One size, fully adjustable
- Available in terra, black or foliage green
- Quick leg adjustment with camlock buckles
- All hardware plated or epoxy coated in color
- One gear loop

353 Lightweight Assault with Tactical Full Body Chest

Full body harness designed for short haul, rappel and extraction (SPIE) operations. Lightweight Assault is combined with a easily adjustable single connection point chest harness. Easily donned over tactical body armor. Web gear can be worn over chest harness. Particularly useful in military applications where a user needs to be extracted in a upright position if injured. Currently used by military special operations units. Quick adjust hardware, low profile and lightweight. Weight 3 lb. 6 oz.

- One size, fully adjustable
- Available in terra, black or foliage green
- Also available as Padded Lightweight Assault Full Body (item 352A) S-XL
- Also available as Padded Lightweight Assault Full Body with rear D ring (item 352B) S-XL



Padded Lightweight Assault Harness

Padded version of our popular Lightweight Assault Harness. Waist and leg pads are constructed of 3/8 inch laminated foam and cordura fabric for comfort and durability. 5 inch wide waist pad is available with rear structural D ring for positioning applications. Waist pad with rear D ring can be reversed for use in tactical Australian Rappel applications. Leg pads are 4 inches wide and contoured to provide superior comfort and function. Weight 2 lb. 3 oz.

- Sizes: S, M, L, XL
- Available in terra, black or foliage green
- Quick leg adjustment with camlock buckles
- All hardware plated or epoxy coated black
- One gear loop

308A	Padded Lightweight Assault
308B	w/rear D Ring (pictured)



424 Assault Full Body Chest Harness

Offers upper chest D ring connection to the Assault II, Lightweight Assault or Tactical Rappel Harness converting them to a full body harness. Chest portion is easily donned over tactical body armor using camlock buckle. Chest D ring can be used for attachment of belay line while allowing the user to rappel or be lowered from the seat portion of the harness. Chest D ring is also useful as an extraction connection point.

- One size, fully adjustable
- Terra, black or foliage green



424LW/LWC Lightweight Tactical Chest Harness

Offers upper chest D ring connection for 420 USN Assault Harness, 304 Tactical Rappel Belt or new 319 SF Rappel Belt allowing simple conversion to a full body harness. Constructed using lightweight 1.5 inch webbing and buckle systems. Chest portion is easily donned over tactical body armor using Yates camlock or Cobra chest buckles. Chest D ring can be useful during short haul and SPIE operations. Chest D ring is also useful as an extraction connection point. Weight 1 lb. 6 oz.

- One size, fully adjustable
- Available in terra



USN Tactical Rappel Belt

Designed in conjunction with Navy military Special Ops units this harness is worn as a duty belt on users BDU's. New USN rappel harness criteria mandates NFPA or NATICK mil. std. 858 certification for all rappel and extraction harnesses. Base harness is the USN approved version of the Lightweight Assault harness but in terra color. Stiffer webbing is sewn inside the belt area of the harness to support wearing side arm. Leg portion can be quickly donned by opening the pouch and securing the leg loop portions with quick connect aluminum Cobra (ANSI Z359.1 certified version) buckles. Harness rappel attachment D ring located at waist level allows for the attachment of a chest harness section (item# 424USN) to convert this harness into a full body harness for extraction situations. Weight 1 lb. 6 oz.

- Sizes M, L, XL
- Available in terra with black contrasting thread and new MultiCam pouch
- Meets new NSN harness construction criteria
- UL classified to meet NFPA 1983/2012 edition standards
- Utilizes slot webbing construction.
- **Also available: Climbing Leg Suspension Strap (item# 303)**

320C-USN version has Cobra buckles on leg loops only, camlock waist buckles.
320CC-USN version has Cobra buckles on leg loops and waist of harness.



320USN Lightweight Assault Harness

Approved by the United States Navy for use as a rappel tower harness. Well suited for all rescue, military, SWAT and tactical applications where a Class II harness is utilized. Quick adjust waist and leg buckle system for easy entry. D ring used for main attachment point. Weight 1 lb. 8 oz.

- One size, fully adjustable
- Available in black with terra contrasting thread.
- Quick leg adjustment with camlock buckles
- All hardware plated or epoxy coated black
- One gear loop
- UL classified to meet NFPA 1983/2012 edition standards
- Meets USN rappel and hoist operations criteria

320AUSN Padded Lightweight Assault Harness

Same as 320USN with the addition of padding on the waist and legs. No rear D ring is included. Weight 2 lb. 4 oz.

- One size, fully adjustable
- Available in black with terra contrasting thread.
- Quick leg adjustment with camlock buckles
- All hardware plated or epoxy coated black
- One gear loop
- UL classified to meet NFPA 1983/2012 edition standards
- Same padding as 308 Padded Lightweight Assault without rear D ring on pad (see page 49 for photo)

674 4 Foot Tactical Sling

Versatile anchor sling constructed of heavy duty webbing. Can be wrapped single, double, triple and used as an end to end anchor. Strength 5000 lbf. (22.2kN) WLL 500 lbf. Black and other colors.



840 4 Foot Heavy Duty Anchor Sling

Versatile anchor sling for tactical rigging applications. Large D ring at each end allows the sling to be wrapped single, double, triple and rigged choker-style depending on need. Manufactured from 2 inch heavy duty webbing. Also available in 2 to 20 foot lengths. Strength 8000 lbf. (35.5kN) WLL 800 lbf.



454 Tactical Rope Bag

Hook and loop leg straps securely fasten the rope bag to the lower leg. Black cordura with single draw cord closure. Holds 75 feet (23m) of BlueWater 7/16 inch Assaultline or 100 feet (30m) of BlueWater 11 mm ProTac rope.

454L Large Tactical Rope Bag holds 150 feet (45m) of BlueWater 7/16 inch Assaultline.



208 Tactical Shield Climbing Harness

Designed for tactical situations with climbing or long hang time. Fully padded and totally adjustable. Wide 5 inch belt is super comfortable. Tapered anatomical design for flexibility and comfort. Waist belt adjusts 4 to 6 inches to accommodate for cold weather clothing or to be worn over heavy gear or vests. Camlock buckle closure system adds security and eliminates the need to double pass buckles. Racking system uses large diameter sheathed tubing for easy clipping. Wide, padded leg loops are fully adjustable with quick adjust buckles to accommodate a variety of sizing requirements. A new standard in tactical harness comfort and versatility. Weight 2 lb. 5 oz.

- Sizes S, M, L, XL, XXL
- Quick leg adjustment with camlock buckles
- 3500 lbf. rated haul loop
- All hardware plated or epoxy coated black
- Six gear loops and four tool holders



415 Rescue Chest Harness

Basic chest harness with V ring attachment points that can be connected together with carabiner or rope. Comes with special O ring strap that provides a rigging point and connects the V rings. Weight 12 oz.

- One size, fully adjustable



Belt with leg loops

309 SWAT/Special Ops Harness

Designed in conjunction with LAPD SWAT, this new harness utilizes a fully padded structural duty belt which is designed to replace the existing padded duty belt worn by SWAT Officers. Super stiff scuba webbing is sewn to the outside of the belt to facilitate hanging of leg holsters, ammo pouches and gas mask bags. Stiff scuba webbing belt attached to inside structural webbing by hook and loop for easy adjustment and positioning of holsters and pouches. Waist belt adjuster buckle is located on the left side so that it will not interfere with positioning of the right side weapon (harness is available in a model for left handed users). Leg loop portion of harness can be quickly attached to the belt with a standard locking carabiner (not included). This converts the duty belt portion of the system into a fully functional rappel harness. Weight 1 lb. 12 oz.

- Sizes M, L, XL
- Quick leg adjustment with camlock buckles
- Fully structural rear attachment loop
- All hardware plated or epoxy coated black



with holster attached



Belt only



307 Mountain Warfare Lite

Designed in cooperation with the USMC Mountain Warfare Training Center for special stealth needs in extreme tactical situations involving climbing, rappelling, SWAT and rescue. This harness is an ultralight version of the current Mountain Warfare harness used in the USMC MACK (Military Assault Climbing Kit). Waist belt is double layered 1.75 inch webbing with three gear loops provided. Over-width legs using trim 1.5 inch buckle closure system gives comfort without bulky leg pads. Waist belt design with multiple leg suspension attachments allow for total adjustability from 28 inch to 36 inch waist. Weight 1 lb. 4 oz. Made in USA.

- One size, fully adjustable
- Available in terra, black or foliage green
- Quick leg adjustment with camlock buckles
- 3500 lbf. (15.5kN) rated haul loop
- All hardware plated or epoxy coated black
- Three gear loops
- **Also available with 1.5 inch quick release Cobra buckles (item 307C)**

305 Mountain Warfare Harness

Designed in cooperation with the USMC Mountain Warfare Training Center for special stealth needs in extreme tactical situations involving climbing, rappelling, SWAT and rescue. Currently being used in the USMC MACK (Military Assault Climbing Kit). 3.5 inch, fully padded waist pad. Over width legs give ultimate comfort without bulky leg pads. Unique overlapping waist pad design with multiple leg suspension attachments allow for total adjustability. Multiple gear racking loops are provided. Weight 1 lb. 12 oz.



- Sizes Regular, L and XL
- Quick leg adjustment with camlock buckles
- 3500 lbf. rated haul loop
- All hardware plated or epoxy coated black
- Five gear loops



310 Rescue Harness

Well suited for rescue, military, SWAT and tactical rappel applications where a metal attachment point is not necessary. Originally designed for the US Navy Seal tactical teams, the anatomical configuration of the harness has made it the choice for many tactical teams who need a non-restrictive harness system. Front attachment point is provided through slot webbing construction. Weight 1 lb. 3 oz.

- One size, fully adjustable
- Available in terra, black or foliage green
- Quick leg adjustment with camlock buckles
- Hardware plated or coated in color
- One gear loop





306 Assault Climbing Belt

Worn as a CQB belt on users BDU's. Two layer webbing on the belt area of the harness supports wearing side arm. Leg portion can be quickly donned by releasing webbing keepers, pulling seat strap between legs and clipping to waist loop with carabiner. Attachment point is well suited for all rappel and extraction situations. Certified by Natick Soldier Research Development and Engineering Center to meet MIL STD 858, Test Methods T102, modified for extraction harnesses. Weight 1 lb. Made in USA.

- Sizes M, L, XL and XXL
- Available in terra or black
- Carabiner not included
- Meets USN rappel and hoist operations criteria

544 Technora® Rappel Daisy Link

Super lightweight short daisy chain enables extension of rappel device away from their body to allow egress over edges such as window frames. Made of .75 inch cut resistant Technora webbing. Individual clip-in pockets are reinforced to a tear out strength of 1100 lbf. (2kN). Overall strength 5000 lbf. (22kN). Designed to be used with military personal escape systems and figure 8's. Length 12 inches. Weight 7 oz.



363 Special Forces Full Body SPIE Harness

Designed for use as a full body harness for insertion and extraction applications. Works well for emergency egress from multistory buildings or rooftops. Dorsal D ring is used for SPIE Lanyard attachment. Safety sternum strap with Cobra quick connect buckle for added security during SPIE usage. Sternum level attachment point allows an injured or wounded soldier to be lowered in an upright position. Cobra quick connect buckles on leg portion of harness for easy and fast donning. Designed to be worn over tactical web gear and body armor. Weight 1 lb. 12 oz.

- One size fits all
- Available in terra
- Extraction/Personal Retention Lanyard (item 566) not included
- SPIE Lanyard (item 364) not included (shown in black, available in terra)

Tactical Tailor Fight Light Battle Belt

Offers a new twist on the traditional padded modular belt. Designed to work with your choice of belt, whether you want to work with a duty belt or your favorite rigger's belt. Constructed of light 500 denier cordura, with strategic reinforcements and flame resistant FR lining to hold up to whatever punishment you can dish out. The pads expand up to 6 inches for different waist sizes and feature slots to attach leg rigs or thigh holsters directly to the belt instead of hanging from the webbing. Battle Belt can be worn alone or in conjunction with our Fight Light 4 Point Harness for added stability. Available in black, coyote brown, ATACS and MultiCam.

- Large: approx. 32 - 38 inches
- X Large: approx. 38 - 48 inches
- Please note: Cobra CQB Belt and Flight Light 4 Point Harness shown in photo sold separately
- **When ordering Yates CQB Belt, select one size larger than pants to accommodate thickness of battle belt**





1.75 Inch Uniform Rappel Belt

Lightweight 1.75 inch width uniform belt that can be used for emergency rappels. Camlock waist buckle for quick adjustment and no slippage. Front V ring used for attachment point. Makes a great instructor safety belt. Made with 7000 lbf. webbing. Strength 4000 lbf.

- One size, fully adjustable and XL
- Terra, black, foliage green and o.d. green

450	Regular
451	XL

1.5 Inch Uniform Rappel Belt

Same as our standard Uniform Rappel belt sewn with camlock waist buckle in narrower 1.5 inch version for pants with small belt loops. Front V ring used for attachment point. Made with 6000 lbf. webbing. Strength 4000 lbf.

- One size, fully adjustable and XL
- Terra, black, foliage green and o.d. green

461	Regular
462	XL



1.75 inch Uniform/BDU Belt

Lightweight 1.75 inch uniform/BDU belt sewn with camlock waist buckle for quick adjustment and no slippage. Made with 7000 lbf. webbing. Strength 4000 lbf.

- One size, fully adjustable and XL
- Terra, black, foliage green and o.d. green

456	Regular
457	XL

1.5 Inch Uniform Duty Belt

Same as our uniform/BDU belt sewn with camlock waist buckle in a narrower 1.5 inch version for pants with smaller belt loops. Made with 6000 lbf. webbing. Strength 4000 lbf.

- One size, fully adjustable and XL
- Terra, black and foliage green

458	Regular
459	XL



Cobra CQB Belt

Heavyweight CQB Riggers belt that can be utilized for emergency rappels. Mil spec Cobra quick connect buckle for ease of use with BDU pants. Front V ring used for attachment point. Two layers of heavy duty type 13 webbing for added rigidity when used as pistol belt. Hook and loop around entire adjustment area to secure tail webbing. Strength in belt configuration 3600 lbf. (16kN)

- Four sizes: M (30-34), L (33-37), XL (36-40), XXL (40-44)
- Terra, black or foliage green
- **SOLD TO MILITARY, LAW ENFORCEMENT, FIRE DEPARTMENT AND SAR AGENCY PERSONNEL ONLY**
- **Tactical Taylor Fight Light Battle Belt also available as option, see page 60**

463	1.75 inch Cobra CQB Belt
464	1.5 inch Cobra CQB Belt



Tactical Webbing

Mil spec 5625 1 inch tubular webbing, with shuttle loom construction has superior knotability and abrasion resistance. Available in variety of tactical colors. Strength 4000 lbf. (17kN)

Type 18 heavy duty 1 inch flat webbing is superior to 1 inch tubular webbing in strength and abrasion resistance. Great knot holding capacity. Available in black and o.d. green. Strength 6000 lbf. (26kN)

700	Mil Spec 5625
705	Type 18

TACTICAL



1840 NEW Yates Oval Screw Gate Tactical Carabiner

Lightweight aluminum cold forged carabiner with almost oval shape for tactical, rescue, rigging and rope access applications. Screw gate locking mechanism allows for 2025 lbf. (9kN) closed gate strength. Keylock style gate. Gate open strength 1350lbf. (6kN). Manufactured exclusively for Yates by Rock Exotica in the United States. Meets ANSI Z133.1-2000. Weight 64 grams. Matte black

MBS lbf. (kN)	gate opening (mm)
5400 (24)	.9 inch (22)



1025 Yates/ISC Figure 9 Anti-Twist Rescue Descender

New style Figure 9 descender with attachment eye set 90 degrees to the rest of the unit. The Figure 9 also has a top spike which easily allows rope to be wrapped over the top for added friction and control of heavier loads. Forged aluminum, hard coat anodized. Classified to meet NFPA 1983/2012 edition standards.

CARBINERS



1157 OP D NFPA Screwlock

High strength forged aluminum alloy carabiner. Great for personal use.

MBS lbf. (kN)	gate opening (mm)
6075 (27)	.6 inch (15)



1775 Kong Tango

Easy opening snap hook with super quick locking gate.

MBS lbf. (kN)	gate opening (mm)
7425 (33)	1 inch (25)



1160 DMM Tactical Ovalock

High strength ANSI keylock gate (16kN). Forged aluminum alloy carabiner. Gate open strength 2250 lbf. (10kN).

MBS lbf. (kN)	gate opening (mm)
6730 (30)	.9 inch (22.8)



1161 DMM Tactical Ovalock

High strength ANSI keylock gate (16kN). Forged aluminum alloy carabiner. Gate open strength 2250 lbf. (10kN).

MBS lbf. (kN)	gate opening (mm)
6730 (30)	.9 inch (22.8)



1778 Kong Tactical 3 Stage

Easy to operate 3 stage autolock tactical carabiner. Meets ANSI Z133.1-2000.

MBS lbf. (kN)	gate opening (mm)
6750 (30)	.9 inch (23)



1158 OP Jake Quicklock

Aluminum alloy autolock carabiner, easy to operate with gloved hand.

MBS lbf. (kN)	gate opening (mm)
5175 (23)	1 inch (25)

CARABINERS



1146 ISC Wizard

Steel 3 stage autolock supersafe carabiner. Super strong drop forged, large rigging use carabiner.

MBS lbf. (kN)	gate opening (mm)
15,750 (70)	1 inch (25)



1834 DMM Yates Non-Lock

High strength forged aluminum alloy non-locking carabiner.

MBS lbf. (kN)	gate opening (mm)
6300 (28)	.9 inch (22)



1272 DMM Revolver

A pulley integrated into a carabiner! Keylock gate. Ideal for use in hauling or rescue systems.

MBS lbf. (kN)	gate opening (mm)
5400 (24)	.6 inch (15)



1774 Steel Mod D Twistlock

Strong steel 2 stage autolock tactical, rescue and rigging use carabiner. Matte black.

MBS lbf. (kN)	gate opening (mm)
11,925 (53)	.9 inch (22)



1130 Gecko Screwgate

High strength forged aluminum alloy carabiner. Tactical solid black.

MBS lbf. (kN)	gate opening (mm)
76750 (30)	.8 inch (20)



1135 Gecko Twistlock

High strength forged aluminum alloy carabiner. Great for personal use.

MBS lbf. (kN)	gate opening (mm)
6750 (30)	.8 inch (20)

TACTICAL



1837 DMM Yates TriLock®

Super lightweight aluminum forged carabiner for tactical, rescue and rope access. Manufactured in Wales by DMM Ltd. Weight 74 grams.

- Available with black, red or blue gates

MBS lbf. (kN)	gate opening (mm)
6300 (28)	.9 inch (22)



1836 DMM Yates Quicklock

Super lightweight 2 stage autolocking carabiner.

MBS lbf. (kN)	gate opening (mm)
6300 (28)	.9 inch (22)



1835 DMM Yates Screwgate

High strength forged aluminum alloy screw-gate carabiner.

MBS lbf. (kN)	gate opening (mm)
6300 (28)	.9 inch (22)



906 Yates Military Spec Pak Lifting Bridle

New lifting bridle system allows for horizontal, semi sitting and semi-vertical (75 degree) positioning of the casualty. This system of lifting is useful when longer suspension times are anticipated, reducing the chances of development of suspension syndrome. Lifting bridle is attached to new chest mounted D rings on the Spec Pak. Head, crotch and leg strap allows for complete stabilization of the patient without the need of a full litter. Easily adjustable with use of 6kN rated Ankra Cam Buckles. Lifting bridle has full strength 5000 lbf. (22.2kN) backup strap for attachment to head located lifting D ring. All carabiners and connectors are included.

- Lifting bridle can only be used on Spec Pak with new chest mounted D rings
- Old model Spec Pak can be retrofitted with new chest mounted D rings
- Available in terra and o.d. green



901 Yates Spec Pak

Patient packaging and extrication system combines the backboard immobilization of a short board with the suspension and support of a full body harness. The Spec Pak system utilizes an integrated polyethylene board along the back to reduce wear and create a smooth sliding surface for confined space operations. Grab handles located at the head and sides allow rescuers to better handle the patient package during movement through tight spaces. Extremely useful for any confined space operation where a vertical environment is encountered. In addition, the Spec Pak system is a lifting harness, thus eliminating the need for a separate victim harness. Unique self-adjusting (sliding) cervical restraint eliminates the problems associated with lifting patients vertically while secured to a rigid backboard. Storage bag provided is equipped with shoulder and waist straps. Spec Pak is only intended as a limited spinal immobilization system. It must be used in conjunction with proper spinal immobilization such as the use of a cervical collar where conditions and protocols dictate. Designed by Spec Rescue International and Yates Tactical. Weight 15 lbs.

- Meets ANSI/OSHA Class III harness standards
- Combat Medical Systems universal one size adjustable cervical collar included
- Available with choice of backpack storage bag for fast rope insertion use or single shoulder strap for vehicle applications



1798 Large Afghan Special Ops Hook

Folding hook designed to accommodate Yates Assault Ladders and Pole Systems. Specifically designed to be used in scaling Afghan style compound walls. New design allows for a variety of settings to construct numerous configurations which accommodate a variety of environments. Folding hook design can be extended to a maximum 14 inches. Unique design on arm extension allows for automatic deployment of extension by pulling on cable release. Arm extension can also be pinned into fixed positions. High strength heat treated stainless steel teeth applied to contact surface aid in gripping cement edges on window sills or rooftops. Hook without arm extension unit folds flat and can fit in the 2.5 x 4 x 12 inch desert sand storage case provided. Weight 3 lb. 4 oz. (1450g).



1796 Small Afghan (Urban Assault) Hook

Simple 6 inch folding hook design can be extended to 10 inch hook by adding quick detachable arm extension. Tip section of hook can be easily adjusted to ten different angle positions. Hook without arm extension unit folds flat and can fit in a 2 x 3 x 8 inch ammo pouch for easy carrying in kit. Desert sand storage case provided. Ideal for urban assault operations. Weight 1 lb 13 oz. (822g).

Designed to also be used with 8 ft. Pocket Ladder (see page 61).



Cadex Special Ops Hooks

Folding hook designed to accommodate Yates Assault Ladder and Pole system. Folds flat for easy carrying in kit. Carbide teeth on contact surface aid in gripping cement edges on window sills or rooftops. Hooks can also be used with Pocket Ladder. Shown in 7 inch length. Smaller 4 inch size also available.

1794	4 inch	1795	7 inch
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904G CMS XCollar

Designed by emergency care professionals to address the common deficiencies of other cervical immobilization devices by featuring enhanced immobilization, adjustment after application, immobilization in position of comfort and the ability to custom fit a broader range of patients.

- Color coded numbers allow precise adjustment
- Color coded straps make application quick and easy
- Fits from small children to large adults

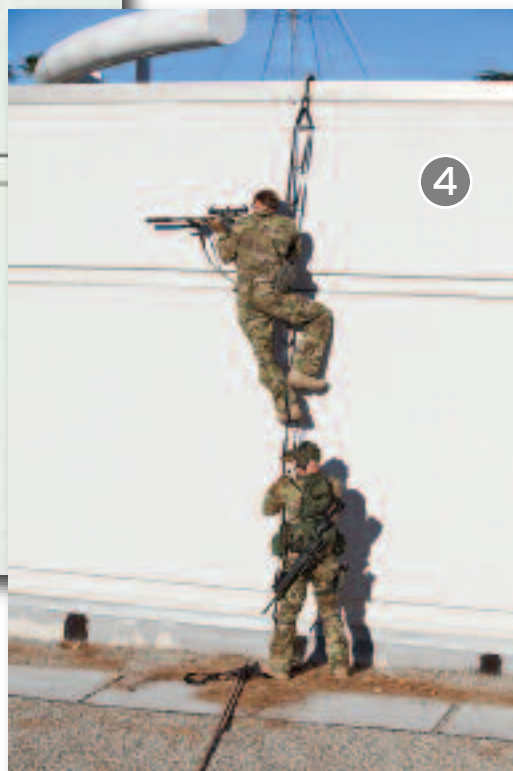
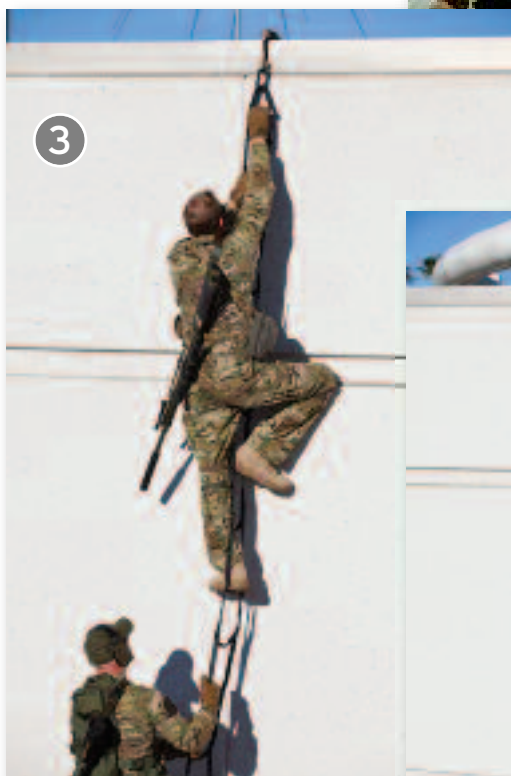
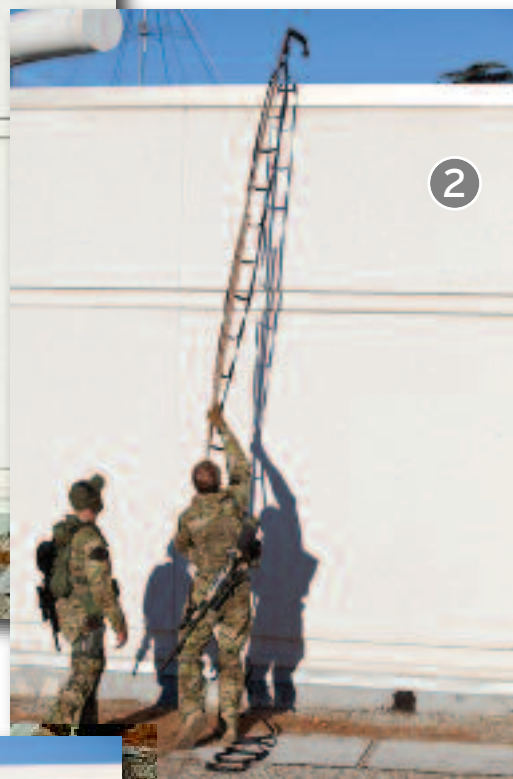
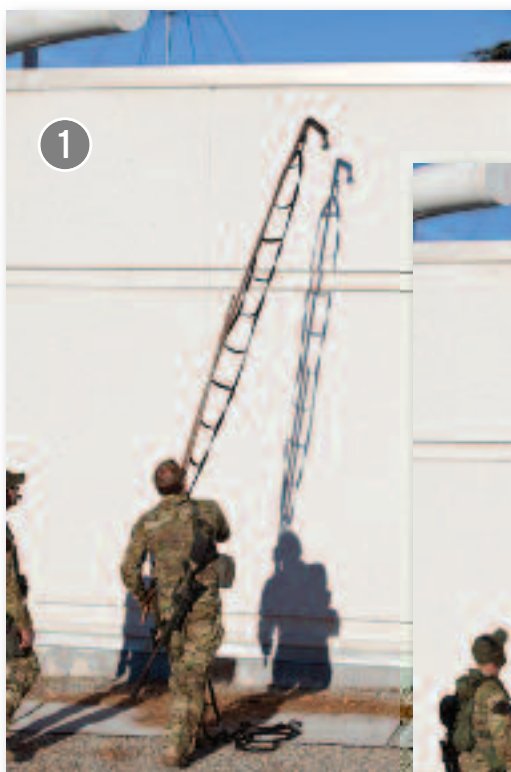


Jacob's Boarding Ladders

Medium weight but super strong Jacob's style boarding ladder. Ladders are bi-directional. Operator has full strength connection and ladder rung strength from either end of ladder. Designed for ship boarding, they can also be used for helicopter and roof access situations. Also works great for many rescue applications including confined space egress, low and high angle rescue, and wind turbine rescue. The ladder can be used along with boarding poles and grappling and climbing hooks. Ladders can be linked together to increase length. Rigid steps are constructed from a hollow rectangular aluminum extrusion enclosed in 1.75 inch Type 7 (6000 lbf.) webbing. Mil spec D rings at both ends. Steps are 12 inches wide and 12 inches apart. Ladders meet Berry Amendment compliance, 100% made in the USA with USA components! Weight for 30 ft. ladder 14.6 lbs.

- Lengths: 20, 30, 50 ft.
(custom lengths available)
- Ladder overall strength 5000 lbf.
- Aluminum stiffener in steps deform at 1000 lbf. (4kN).
- Individual step full strength test is 5000 lbf. (22kN)

516	20 feet long
517	30 feet long
518	50 feet long



1788 Assault Ladder Pole

New 7/8 (.875) inch diameter pole is a thicker wall thickness than previous poles, thus allowing the pole to be more rigid at length. 18 foot 9 inch pole specially designed for use with pocket ladder hook and 20 foot Ultralite Urban Assault Ladders. Constructed of stiff .875 inch 7075 Easton aluminum tubing shock corded together. Matching attachment mechanism on both ends. Comes with terra storage bag. Weight 4 lb. 2 oz.

- Image shown short for clarity



1789 Ultralite Assault Ladder Kit

Complete system designed for Special Operations personnel to aid in gaining access in combat situations. Access can be achieved to a maximum of 22 feet. Can be used to clear walls and to gain access to second and third story windows. Comes with 18 foot 9 inch .875 inch diameter Assault Ladder Pole (item 1788), custom 20 foot Ultralite Urban Assault Ladder, Ladder Hook with Kevlar Sling (item 1787), screwlock attachment delta link and storage bags. Weight 6 lb. 3 oz.

1797 Cadex Special Ops Ladder Reel

Designed to accommodate 5 to 15 meter Special Ops Ladders. Reel system eliminates tangling of ladder on deployment. Made of milled aluminum and Delrin materials. Aluminum parts are anodized black. Weight 8.6 lbs. Special Ops Ladder not included.

1787 Ladder Hook with Kevlar Sling

For use with ladder systems. Strength of Kevlar sling 2000 lbf. (9kN). Hook strength from 1200 lbf. to 2000 lbf. depending on position and type of placement. Hook configuration has been redesigned to give better purchase on edges. Works great on balcony railings. Weight 4 oz.



536 10 ft. Pocket Ladder w/Hook 536A Pocket Ladder with Small Afghan Hook

Designed by Special Operations personnel to ease in gaining access to areas without the use of traditional combat ladders. The Pocket Ladder utilizes a lightweight steel hook or Afghan Hook with an attachment rod which is inserted in the barrel of the weapon. The tactical user simply uses his weapon as an extension pole to secure the hook to any desired location. Weapon is removed and ladder stays in position. Can be used to clear walls and to gain access to second story windows. Constructed of extremely lightweight Kevlar webbing to eliminate stretch while climbing. Ladder and attached hook folds into pocket for easy storage. Pocket is equipped with MOLLE system for attachment to tactical vest. Ladder length 8 feet. Weight 12 oz.

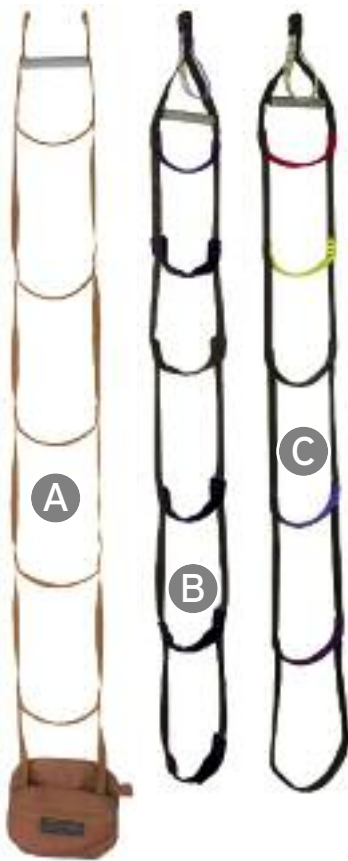
- Storage pouch in digital foliage green or terra/coyote



529 Rescue/Urban Assault Ladder

Offers the opportunity to scale urban buildings from the outside using standard aid techniques. Also works great for many rescue applications including confined space egress, wind turbine rescue and low and high angle rescue. The ladder can be used along with drag/grappling hooks. Ladders can be linked together to increase length. Made of 1 inch polyester low stretch webbing. Steps are reinforced with stiffeners. Built in spreader bar insures that steps remain open without causing foot pinching. Built in wrist loops included. Weight 2 lbs. 5 oz.

- Length 20 feet with 20 steps
- Strength 3600 lbf. (16kN)
- Available 1789UAK Assault Ladder Kit



(A) 537 20 foot Ultralite Urban Assault Ladder

Ultralight version of the Urban Assault Ladder, designed for combat situations. Used for entrance or exit from urban buildings. Ladders can be linked together to increase length. Can be used along with drag/grappling hooks or extension poles to gain access. Side portions of ladder are constructed of extremely lightweight Kevlar webbing to eliminate stretch while climbing. Steps are reinforced with stiffeners. Built in spreader bar insures that steps remain open without causing foot pinching. Packaged in a pouch which is equipped with MOLLE system for attachment to tactical vest. Length 20 feet with 21 steps. Weight 22 oz. Storage pouch colors: digital foliage green or terra/coyote.

- Strength 3500 lbf. (15kN)
- Available in terra
- Image shown short for clarity

(B/C) Rescue Ladders

The simplicity of a traditional etrier with the ease of use of a ladder. Built-in spreader bar ensures that steps remain open without causing foot pinching. Wrist loops included. Six steps. Measures 6 feet. 532 available in black.

- Strength 4000 lbf. (17kN)

532	1.75 inch Wide Steps	1 lb. 13 oz.
533	1 inch Wide Steps	1 lb. 9 oz.



Special Ops Ladders

Designed for Navy Seal Special Operations, these ladders are high tech! These state-of-the-art cable ladders use Technora heat resistant high tenacity fiber as the cable portions of the ladder. Really stealthy, very flexible and quiet. Molded in place steps from Verton RF-700-12 EM, which is a Nylon 6.6, 60% long-glass-fibre-reinforced composite. Rungs are individually proof load tested to 600 lbf. Minimum strength of ladder cable rope is 5600 lbf. Comes with deployment bag.

527	10 meters	2 lb. 7 oz.
528	5 meters	1 lb. 4 oz.

New Aluminum Special Ops Ladders

Rungs are made from aircraft quality aluminum extrusion with special grip grooves for added security when climbing when wet and are individually held in place on both sides using stainless steel swedges. 1x9 Aircraft quality stainless steel cable. Minimum strength of ladder cable is 1300 lbf. (2600 lbf. total). Rung yield strength is 1250 lbf. (failure strength 2200 lbf.) Comes with deployment bag.

520	10 meters	2 lb. 7 oz.
521	5 meters	1 lb. 4 oz.

Extraction/Personal Retention Lanyard

For use as a personal retention and extraction lanyard. Designed to girth hitch to users harness and connect to extraction point via unique aluminum snap hook. Built with mil spec 5625 tubular webbing, this lanyard tests over 3400 lbf. (15kN) breaking strength. Kong Tango double locking snap hook is classified to meet NFPA 1983/2012 edition standards. Strength 7425 lbf. (33kN). Made in USA.

- Length retracted 22 (23 SF) inches
- Length fully extended 32 (36 SF) inches
- Available in terra or black
- SF version comes with Kong Tango on both ends

566B	Kong Tango on one end/Black
566T	Kong tango on one end/Terra
567B	Kong Tango on both ends/Black
567T	Kong Tango on both ends/Terra

SF Extraction/Personal Retention Lanyard with DMM Captive Eye Carabiners

For use as a personal retention and extraction lanyard. Designed to attach to users harness and connect to extraction point or Helo hard point via unique new DMM captive eye carabiner. Built with mil spec 4000 lbf. (18 kN) 5625 tubular webbing. Lanyard rated strength 3400 lbf. (15kN). High strength, hot forged aluminum alloy captive eye carabiner. Unique patented locksafe three stage autolocking gate mechanism allows for 3600 lbf. (16kN) gate strength. 100% proof loaded to 3,600 lbf (16kN). Minimum strength 6750 lbf. (30kN). Lanyard made in USA. Carabiner manufactured in Wales by DMM Ltd. Carabiner NSN: 8465-99-151-3939

- Available in terra and black
- Length retracted 23 inches
- Length fully extended 36 inches
- Certified to: ANSI/ASSE Z359.12(09)-1992. EN362-2004 and CSA Z259.12-11

566B-DMM	DMM 917 on one end/Black
566T-DMM	DMM 917 on one end/Terra
567B-DMM	DMM 917 on both ends/Black
567T-DMM	DMM 917 on both ends/Terra



563-6300 HD QR Retention Lanyard

Designed using the first all black, non reflective, oxide plated quick release shackle made of stainless steel by Ronstan. Release mechanism has unique pinned swivel to allow easier release at various release tab pull angles. Extra heavy duty snap shackle has large diameter plunger which allows for much easier release while under full 300 lb load. Snap shackle has a WWL of 4410 lbs. and a MBS of 8820 lbf. This is over twice the strength of the shackle used in the standard 563 lanyard. Quick release shackle uses velco to secure the release tab in place to lessen the chance of inadvertent release. Built with 4000 lbf. mil spec 5625 tubular webbing. Lanyard strength 3400 lbf. (15kN). Made in USA.

- Available in terra and black webbing, shackle black oxide coated.
- Length retracted 21 inches
- Length fully extended 32 inches
- Length extended with carabiner 36 inches
- Grade 15-5PH investment cast stainless steel body and hasp which is black oxide non-reflective coated.
- Grade 316 stainless steel plunger swivel pin and spring

563B-6300	HD QR Lanyard Black
563T-6300	HD QR Lanyard Terra



(A) Helo Personal Retention Lanyard

For use as a personal retention lanyard in a helicopter. Designed using the first all black, non reflective, oxide plated quick release shackle made of stainless steel by Ronstan. Oversize quick release shackle allows the user to easily release from harness or belt in the event of an unplanned landing. Swaged release pin (SOCOM requirement) eliminates plunger pin from releasing in the event the retaining ring is broken. Retaining split ring is safety TIG welded. Quick release shackle uses hook and loop to secure the release tab in place to lessen the chance of inadvertent release. Built with mil spec 5625 tubular webbing, this lanyard tests at over 3400 lbf. (15kN) breaking strength. Kong Tango double locking snap hook is classified to meet NFPA 1983/2012 edition standards. Strength 7425 lbf. (33kN). Made in USA.

- Length retracted 20 inches
- Length fully extended 31 inches
- Available in terra or black

565B	Black
565T	Terra

(B) 568 Mini Bird Helo Personal Retention Lanyard

Lanyard without retraction bungee inserted in webbing.

- Length 16 inches

568B	Black
568T	Terra



QR Personal Retention Lanyard

Designed using the first all black, non reflective, oxide plated quick release shackle made of stainless steel by Ronstan. Heavy duty plunger springs and precision components ensure dependable service. Built with mil spec 5625 tubular webbing. Strength 3400 lbf. (15kN). Made in USA.

- Length retracted 21 inches
- Length fully extended 32 inches
- Length extended with carabiner 36 inches
- Available in terra or black
- Grade 15-5PH investment cast stainless steel body and hasp
- Grade 316 stainless steel plunger pin and spring

563B	Black
563T	Terra

Helo Personal Retention Lanyard with Shock Stop

Oversize quick release shackle allows the user to easily release from harness or belt in the event of an unplanned landing. Swaged release pin (SOCOM requirement) eliminates plunger pin from releasing in the event the retaining ring is broken. Retaining split ring is safety TIG welded. Quick release shackle uses velco to secure the release tab in place to lessen the chance of inadvertent release. Built with 4000 lbf. mil spec 5625 tubular webbing. Yates Screamer shock absorber added for energy absorption. Lanyard rated strength 3400 lbf. (15kN). Kong Tango double locking snap hook is classified to meet NFPA 1983/2006 edition standards. Strength 7425 lbf. (33kN). Made in USA.

- Available in terra and black
- Length retracted 26 inches
- Length fully extended 42 inches

569B	Helo PR Lanyard w/Shock Stop Black
569T	Helo PR Lanyard w/Shock Stop Terra

574 Helo Personal Retention Lanyard Set (not shown)

Sold as a complete set of retention lanyards for the operators while working helo operations with ship door in open position who need the backup security of a redundant lanyard system. Only one lanyard has quick release option. Set combines one Rappel Master Lanyard (item# 571, Blue/Red) and one Helo Personal Retention Lanyard with Shock Stop (item# 569, Orange).

Rappel Master Adjustable Lanyard with Shock Stop

For use as a adjustable length personal retention lanyard for Rappel Masters, Crew Chiefs and Riggers. Designed to connect to users harness and to fixed surface or helo rappel point via unique aluminum snap hook. Lanyard has adjustable length using Yates adjustable dasy chain system. Adjuster buckle has strength of 6 kN. Kong Tango has 1.1 inch gate opening. Built with mil spec 5625 tubular webbing, the ultimate strength of lanyard tests over 3400 lbf. (15kN). Kong Tango double locking snap hook is classified to meet NFPA 1983/2012 edition standards. Strength 7425 lbf. (33kN). Made in USA.

Yates Screamer shock absorber added for energy absorbtion. In the event an activation force of 2.5 kN (600 lbf.) is exerted on the lanyard during a fall the Screamer has the potential to absorb 2 to 3 kN of energy if fully activated (11 inches).

- Available in terra and black
- Length retracted 18 inches
- Length fully extended 47 inches

571B RM Lanyard w/Shock Black

571T RM Lanyard w/Shock Terra

Rappel Master Adjustable Lanyard with Shock Stop and DMM Captive Eye Carabiners

For use as a adjustable length personal retention lanyard for Rappel Masters, Crew Chiefs and Riggers. Designed to connect to users harness and to fixed surface or helo rappel point via unique new DMM captive eye carabiner. Built with mil spec 4000 lbf. (18 kN) 5625 tubular webbing. Lanyard rated strength 3400 lbf. (15kN). Lanyard has adjustable length using Yates adjustable dasy chain system. Adjuster buckle has strength of 6 kN. High strength hot forged aluminum alloy captive eye carabiner. Unique patented locksafe three stage autolocking gate mechanism allows for 3600 lbf. (16kN) gate strength. 100% proof loaded to 3600 lbf. (16kN). Minimum strength 6750 lbf. (30kN). Lanyard made in USA. Carabiner manufactured in Wales by DMM Ltd. Carabiner NSN: 8465-99-151-3939

Yates Screamer shock absorber added for energy absorbtion. In the event an activation force of 2.5 kN (600 lbf.) is exerted on the lanyard during a fall the Screamer has the potential to absorb 2 to 3 kN of energy if fully activated (11 inches).

- Available in terra and black
- Length retracted 18 inches
- Length fully extended 47 inches
- Certified to: ANSI/ASSE Z359.12(09)-1992. EN362-2004 and CSA Z259.12-11

571B-DMM RM Lanyard w/Shock Black

571T-DMM RM Lanyard w/Shock Terra



(A) SF Personal Retention Lanyard with Kong FROG Quick Disconnect

Unique Kong Frog quick release mechanism on one end (strength 22kN) is designed to hook directly into helicopter floor rings. Built with 4000 lbf. mil spec 5625 tubular webbing. Lanyard rated strength 3400 lbf. (15kN). Kong Tango double locking snap hook is classified to meet NFPA 1983/2012 edition standards. Strength 7425 lbf. (33kN). Made in USA.

- Available in terra and black
- Length retracted 21 inches
- Length fully extended 30 inches

565FROGB SF PR Lanyard w/Frog Black

565FROGT SF PR Lanyard w/Frog Terra

(B) Quick Disconnect FROG Personal Retention Lanyard

Unique Kong Frog quick release mechanism on one end (strength 22kN) is designed to hook directly into helicopter floor rings. the loop end is designed to girth hitch to users harness. Built with 4000 lbf. mil spec 5625 tubular webbing. Lanyard strength 3400 lbf. (15kN). Made in USA.

- Available in terra and black
- Length retracted 21 inches
- Length fully extended 32 inches

572B QD Frog PR Lanyard Black

572T QD Frog PR Lanyard Terra



(A) Military SPIE Rope

All Special Patrol Insertion/Extraction (SPIE) ropes are made in accordance with drawings 829 AS 201-1. We offer two variations of the SPIE rope. Standard rope is 120 feet long and is coated with a clear abrasion resistant coating. Also available in 150 feet version with a black abrasion resistant coating. Ropes come with ten D rings per line for attachment of personnel. The D rings are proof tested at 2500 lbf. The entire SPIE rope is proof tested at 10,000 lbf. Strength of rope with braided eye splice 29,000 lbf.

1800	120 foot w/10 D Rings
1805	150 foot w/10 D Rings
1820	120 foot w/10 D Rings Black
1830	150 foot w/10 D Rings Black



Fast Rope Bags

Designed for the U.S. military for storage and deployment of fast rope. Made from the highest quality, extra heavy duty urethane coated nylon for use in extreme situations. This material has exceptional abrasion resistance. Side seam is sonically welded and taped for 100% strength. Double layer urethane coated nylon reinforced bottom. Steel D ring attachments allow the bag to be easily secured in helicopter. Shoulder strap suspension system can be stowed under cover flaps when not needed without having to be removed. Bellows pocket on side of pack is provided to secure webbing connection straps for use with fast rope equipped with FRIES attachment. Small chemical light pouches on top and bottom of pack. These packs are designed to take abuse!

Small Fast Rope Bag fits 30 to 60 foot Fast ropes. 15 inch diameter, 50 inch circumference, 22 inch height, 17 inch skirt. Volume 6000 cubic inches. Weight 8 lbs. Great for SPIE rope and other equipment storage uses!

Large Fast Rope Bag fits 60 to 90 foot Fast ropes. 18.5 inch diameter, 58 inch circumference, 32 inch height, 20 inch skirt. Volume 11,000 cubic inches. Weight 12 lbs.

XL Fast Rope Bag fits 120 foot Fast ropes. 18.5 inch diameter, 58 inch circumference, 36 inch height, 24 inch skirt. Volume 15,000 cubic inches. Weight 14 lbs.

Fast Rope Bag Sm.	1748 Black	1752 Tan
Fast Rope Bag Lg.	1751 Black	1750 Tan
Fast Rope Bag XL	1751XL Black	1750XL Tan

(B) Military Fast Rope

1.75 inch (44mm) diameter rope made from low stretch nylon fibers with a 8 braid construction to reduce rope kinking and afford fast, fully controlled, safe descents. Our Fast ropes have a soft eye splice (loop) in the top and are whipped and heat sealed on the bottom. Available in 60, 90 and 120 foot lengths. Custom lengths available.

- Now available with super short termination. Strength 15,000 lbf. (66kN)(image at left)

1790	60 foot Fast Rope
1791	90 foot Fast Rope
1792	120 foot Fast Rope

(C) Military FRIES Fast Rope

Fast Rope Insertion & Extraction Systems (FRIES) provide efficient and safe methods for inserting and evacuating personnel to and from specific targets. Our Fast ropes have a soft eye splice (loop) in the top and are whipped and heat sealed on the bottom. In addition to the loop, we can also install a steel ring in the line so that the line may be hooked to the davits that are found on certain helicopters. Custom lengths available. High strength eye splice 30,000 lbf. mbs. (133kN). FRIES attachment strength 10,000 lbf. (44kN).

1760	60 foot Fast Rope w/FRIES	NSN: 4020-01-338-3307
1765	90 foot Fast Rope w/FRIES	NSN: 4020-01-338-3308
1776	120 foot Fast Rope w/FRIES	NSN: 4020-01-338-3309

All Fast ropes are made in accordance with IAW Army Specification Mil-F-44422.



1931 Tactical Escape Kit

Designed by Special Operations personnel. Used for egress from multi-story buildings in situations where soldiers are pinned down with no suitable exit. Rappel line can be secured to an object in the room or roof top location and positioned to run down the side of the building. System can also be used to lower injured personnel to the ground from height. Includes 75 feet of lightweight hybrid 6.6 mm rope. Hybrid rope is constructed of a blend of Technora and polyester. Technora is used in the sheath construction to give exceptional cut resistance. Utilizes a Rock Exotica MicroEight descent device and the addition of a unique carabiner configured to allow for increased friction if needed. 6.6 mm hybrid escape line strength 3200 lbf. (14kN). Packaged in a mesh bag which is secured in a MOLLE compatible pouch.

- Deployment pouch available in digital foliage green or terra/coyote

Military EXO Personal Escape System

Military version of Petzl fire/rescue personal escape system. Comes with EXO escape device and captive eye carabiner with sewn termination. 50 or 75 feet of 100% Technora 7.5mm rope. Technora is extremely cut and fire resistant. All hardware components are black. Comes in specially designed carry bag that can be used as waist/leg bag. Equipped with MOLLE system for attachment to any tactical vest or kit bag. New PJ horizontal carry bag now available with MOLLE system oriented horizontally on bag without leg attachments. Carry bags are designed and manufactured in USA by Yates Gear Inc. Standard packaging includes new Multicam colored leg bag with tan rope systems and black leg bag with black rope systems.

- Available in terra, black and MultiCam



50EXO	Military EXO Kit 50 feet tan rope
75EXO	Military EXO Kit 75 feet tan rope
50EXOBK	Military EXO Kit 50 feet black rope
75EXOBK	Military EXO Kit 75 feet black rope

Ringers Military Issue Gloves

Battle tested. Comfortable 3mm gel palm padding. Exclusive signature flex-all cuff.

- Available in black
- Sizes S-XXL



918	Black (Stealth)
-----	-----------------



915 Ringers Tactical Rigging Gloves

Light weight glove with great dexterity. Tough spandex top. Premium synthetic leather finger and palm. Hidden seam design. Super snug fit.

- Available in black
- Sizes S-XXL



925 Yates Tactical Rappel/Fast Rope Glove

Thick full-grain with new double layer palm extends over the palm and to the second joint of your fingers to provide added protection from the heat and friction generated when fast roping. Index finger is separated for trigger finger dexterity. Designed to fit over flight gloves. Also excellent for tactical and helirappel use. Carabiner hole in wrist for attaching to harness. All stitching on glove is sewn with Kevlar heat resistant thread. Available in black and MultiCam.

- Sizes: S, M, L, XL, XXL





Air-Lift Rescue Vest (A.R.V.)

The latest in victim extraction and rescue. Now UL classified to meet NFPA 1983/2012 victim extrication device standards. The A.R.V. brings together fast donning and rapid extraction for short haul and hoist operations. Adjustable for a one size fits all application to accommodate patients from 50 to 400 lbs. The easy side adjustment system provides for patient positioning allowing for a more vertical posturing of patient if desired. This system allows for multiple in-flight configurations. Designed to fit over bulky clothing, PFD's and military tactical vests. Low profile, rear and side grab handles work seamlessly in hoist operations. Fully reinforced webbing substructure makes this unit bombproof! Comes with steel auto locking attachment carabiner and storage/deployment bag. Colors: blue or MultiCam. Strength 4000 lbf. Weight 6 lbs.

- One size, fully adjustable
- Swiftwater version uses mesh fabric on seat portion to allow for quick drainage
- Military version made of MultiCam fabric and terra webbing
- UL classified to meet NFPA 1983/2012 edition standards

908	Blue
908M	Swiftwater Mesh
909	MultiCam



TACTICAL

1576 Dyna-Stat Rope Black

1577 Dyna-Stat Rope Orange/Blue

Developed by BlueWater Ropes and Yates Gear. Dyna-Stat has all the best qualities of a dynamic climbing rope combined with the static qualities of a low elongation technical rescue rope. Dyna-Stat has been developed specifically for use with the new Petzl RIG as a heli-rappel rope descent system. Dyna-Stat has dynamic properties with just enough stretch to not shock load the helicopter or the rappeller during abrupt stops while on rappel. It is also rugged enough to excel as a technical rescue rope used in lowering and raising systems where a low elongation static rope is desired. Dyna-Stat is an ideal mountain rescue multi-function rope. Patent Pending.

- Dyna-Stat Heli-Rappel rope is designed with a heavier and more durable 16 carrier sheath to wear well when subjected to fast figure 8 rappel descents
- Rope diameter 7/16 inch (11.5mm)
- Available in orange w/blue tracer and black w/OD tracer
- Sewn termination attachments points with stainless steel captive thimble on both rope ends to allow rope ends to be switched for extended life span
- Available in 150, 200 and 300 foot lengths
- Custom lengths and colors available on request



YATES SHORT HAUL



A



B

(A) HEL-RP-WGT Yates Heli Short Haul Weight Bag

Can be used on any short haul system to stabilize the short haul rope when flying without personnel on the system. Made of heavy weight canvas with redundant closure system using hook and loop closure and side release webbing strap closures. Secured to short haul rope above short haul A Frame with prusik loop (not included). Weight 25 lbs.

(B) HEL-RP-WGT-COVER

Aids in protecting the HEL-RP-WGT for premature wear. Made from super duty tarp material.

(C) AFRAME Yates Short Haul A Frame

Approved Short Haul A Frame by DOJ CAMP, BLM and USFS Short Haul Programs. A Frame offers secure double clip in system using two lanyard double locking shap hooks that are connected to short haul personnel's harness attachment point. Designed to accomodate two short haul personnel. System can be separated for use with single short hauler. A Frames are attached to upper ring using ANSI Z359.1-2007 certified triple locking captive eye carabiner. Lanyard portion is made of 10,000 lbf. webbing. Vinyl wear covering on lanyard portion can be removed with hook and loop closure for inspection. Connection ring is rated at 20,000 lbf.



C

(D) ARSSHRB ARS Short Haul Rope Bag

Designed to stay open easily to help facilitate short haul rope collection into bag as helicopter descends. Made of heavy duty nylon and super duty tarp. Plastic stiffener holds top of skirt open. Has stiff foam bottom. Top is secured for storage using a carabiner (not included) attached to lower webbing loops. Holds 150 foot ARS Short Haul Rope.



D

388 Heli-Ops Harness

Designed specifically for heli-rappel and short haul operations with a single frontal attachment point located two inches below a standard sternal attachment point, 4 inches above normal waist attachment. This new sub-sternal steel D ring attachment is the perfect balance point to allow a secure and comfortable attachment location while limiting unintentional inversion. Harness cannot be taken apart or chest separated from seat portion. Waist belt portion of the harness uses smaller and thinner padding material to save weight and reduce bulk. Wide anatomical leg pads offer adequate comfort and support. Leg pad orientation can be adjusted to accommodate personal preferences. Easily donned and adjustable for variations in clothing and user size by use of forged two piece friction buckle system. Steel dorsal D ring is easily adjustable on rear of chest. 3600 lbf. personal retention lanyard D ring attachment located in center rear of waist pad. Shoulder straps are specially tailored to reduce chafing of the neck. Weight 3 lb. 15 oz.

- Sizes S/M, L/ XL
- UL classified to meet NFPA 1983/2012 edition standards
- Meets ANSI/OSHA Class III harness standards
- Optional contoured shoulder pads available (item 414)



389 Heli-Ops Harness (Rescue Version)

Designed specifically for heli-rappel, short haul and technical rope rescue operations. Similar to our Heli-Ops harness with an additional modification of a unique climbing harness style belay loop located at waist level. This makes the harness ideal for technical rescue operations. Single front attachment point located two inches below a standard sternal attachment point, 4 inches above normal waist attachment. This new sub-sternal aluminum D ring attachment is the perfect balance point to allow a secure and comfortable attachment location while limiting unintentional inversion. Harness cannot be taken apart or chest separated from seat portion. Waist belt portion of the harness uses smaller and thinner padding material to save weight and reduce bulk. Wide anatomical leg pads offer adequate comfort and support. Leg pad orientation can be adjusted to accommodate personal preferences. Easy donning and adjustment of leg loop portion of harness by use of Cobra aluminum quick connect buckles. Aluminum dorsal D ring is easily adjustable on rear of chest. Rear personal retention lanyard D ring attachment (3600 lbf.) Shoulder straps are specially tailored to reduce chafing of the neck. Great harness for entry level rope access, theatrical rigging, wind tower climbing, short haul, and basic rope rescue uses. Weight 3 lb. 12 oz.

- Sizes S/M, L/ XL
- Meets ANSI/OSHA Class III harness standards
- Optional contoured shoulder pads available (item 414)



338-ARS Heli-Ops Harness

Designed specifically for heli-rappel and short haul and hoist operations with a single frontal attachment point. Color coded webbing allows for easy and fast donning of harness. Reflective tape is added to front and back of harness. This new sub-sternal steel D ring attachment is the perfect balance point to allow a secure and comfortable attachment location while limiting unintentional inversion. Harness cannot be taken apart or chest separated from seat portion. Same waist and leg padding system as standard 388 Heli-Ops Harness. Easily donned and adjustable for variations in clothing and user size by use of forged two piece friction buckle system. Steel dorsal D ring is easily adjustable on rear of chest. 3600 lbf. personal retention lanyard D ring attachment located in center rear of waist pad. Shoulder straps are specially tailored to reduce chafing of the neck. Weight 3 lb. 15 oz.

- Sizes S/M, L/ XL
- UL classified to meet NFPA 1983/2012 edition standards
- Certification for FAA TSO-C167 in process
- Meets ANSI/OSHA Class III harness standards
- Radio mic tabs on shoulders
- Optional contoured shoulder pads available (item 414)



SoftSteel™ 9/16 inch Short Haul Line

Double braid rope construction. 100% Dyneema® core. Similar to existing steel cable short haul lines with exceptional advantages. A rope made with Dyneema is as strong as a wire rope, with the same diameter but only about 10% of the weight per meter. Excellent fatigue resistance, with neutral buoyancy. It also outperforms steel and other synthetic rope materials in terms of both tension tension fatigue and bending fatigue. The properties of Dyneema are not impaired by sea water and the rope's breaking strength remains constant in wet or dry conditions. These ropes have good UV and abrasion resistance, and are unaffected by oil or commonly used chemicals. A sheath of polyester is used to provide additional protection. Add the ARS Line Ballast System, and the SoftSteel short haul line is an out of the bag, ready to fly solution to rescue.

- Custom lengths available
- Lengths: 50 to 250 feet
- 17,500 lbf. mbs
- Proof load tested to 5000 lbf.
- Date of manufacture tracer line
- Spliced eye ends with stainless steel thimbles
- 4 inch forged steel anchor ring and optional Yates Tactical A Frame short hauler rig
- Easy Load™ short haul line bag

Air Rescue Systems

The new standard in helicopter rescue and insertion/extraction is here. Whether your mission includes short haul, SPIE, heli-rappel or Fast rope, Air Rescue Systems has the equipment and training programs designed specifically for you. We are responders first, designing equipment for the needs of rescue, law enforcement and industry professionals. We've used our 15 plus years of experience to create a new short haul system unlike anything else on the market today.

Air Rescue Systems Training

We provide training for short haul, heli-rappel, Fast rope, SPIE, one skid insertion/extraction, vertical reference, advanced patient care and packaging and much more.

Air Reach Seat

The Air Reach Seat was designed as a truly versatile work platform for the lineman performing helicopter based operations. It provides unparalleled positioning capabilities combined with maximum safety and comfort for the lineman. Whether it's installing marker balls, dampeners or hanging the biggest travelers, the Air Reach Seat gets the job done with increased safety, efficiency and productivity. Made in USA.

- Rated to 375 lbs. load
- Minimum breaking strength 3750 lbs.
- All seat components 316 TIG welded stainless steel powder coated orange
- Spreader bar TIG welded 6061 T-6 aluminum
- ANSI Z359 fall protection lanyards



Strike Patrol Insertion/Extraction Line

Specializing in small group insertions. A modern day tactical tool used to place 4 to 6 members of a team on target, on mission in seconds. This technique differs from traditional SPIE in regards to speed, size of aircraft used and numbers deployed. Get in, get the job done, get out in one piece. ARS has the latest most modern SPIE rope available on the market today. 100% Dyneema rope and soft personnel attachment points set the ARS Strike Patrol Line apart from the competition. The Strike Patrol Line can be used for short haul and rescue operations as well.

- Lengths: 100 and 150 feet
- 30,000 lbf. mbs
- Proof load tested to 5000 lbf.
- Date of manufacture tracer line
- Spliced eye ends with stainless steel thimbles
- American made 4 inch forged steel anchor ring
- Soft attachment points 3000 lbf. mbs each
- Used in conjunction with ARS Heli-Bridle Anchor Release System
- Available in HiVis orange, black and TRiCAM™



Setting the New Standard in Short Haul Safety
3 ring and belly band mbs of 9000 lbf.!



Heli-Bridle™

Every solid rescue system starts with a bombproof anchor. Heli-Bridle is just that, bombproof! The design and function of the Heli-Bridle was built around the concept of safety first. It is a system that incorporates low shock load transfer of the short haul line from primary to secondary anchor, coupled with a smooth, easy release at 900 lbf. load on the line. Heli-Bridles are made to order, airframe specific, and come as primary/secondary twin anchor/release systems or back-up anchor/release for agencies that use belly hooks as a primary connection point. Every Heli-Bridle comes standard with a 3 ring release system that was designed, tested and manufactured for one mission: short haul.

ARS has set the new industry standard for short haul. Don't allow the foundation of your entire system to be the weak link. Get on board, get a Heli-Bridle!

Features include:

- Forged hardware
- 2 inch type 13 mil spec 9000 lbf. mbs webbing
- UL classified to meet NFPA 1983/2012 edition standards
- 3 ring 9000 lbf. mbs release system
- Full length, covered 3 ring cable housing (reduces external aircraft damage)
- 3/16 inch PVC coated stainless steel pull cable with billet aluminum handle base
- Made in the USA



Designed by rescue professionals with quality, strength and safety in mind.

Manufactured by:



Our clients include:

- National Park Service
- National Forest Service
- Local, State and Federal law enforcement
- Private and public industry



LBS™ Line Ballast System

The LBS will work with single or double rope systems and the internal anchors attachments will adjust to a variety of rope diameters (3/8 to 3/4 inch). The tapered contour of the LBS reduces hang-ups in trees, brush, snags and crags. During insertion/extraction the risk of a free swinging weight bag striking a rescuer is dramatically reduced. The LBS weighs 12.5 pounds and provides all the needed ballast to tame the toughest rotor wash. Although light, flight tests at 70 to 80 knots have proven that the LBS keeps unloaded 100 foot lines trailing safely away from the tail rotor. The LBS is a modular system designed to be stacked up to 50 pounds by utilizing a linking system. Developed out of necessity and after many years of trial and error. The LBS is a streamlined weight bag that is low profile, non-swinging and is secured by a rock solid anchor system. Add the LBS to the SoftSteel short haul line and you have an out of the bag, ready to fly solution to rescue.



Learn more at:
www.airrescuesystems.com



Yates and BlueWater bring you the ultimate ropes for hard use. Through extensive design and testing we have achieved the perfect balance of strength, abrasion resistance, and load absorption with no sheath slippage during ascending and descending. Knotability is excellent. Overall the best choice in tactical rope.



(A)



(B)



(B)



(B)



(C)



(D)



(D)



(D)



(E)



(E)

(A) Assaultline® 7/16 Inch

The original low visibility, low elongation static rope. Polyester sheath with double twist cabled nylon core. UL classified to meet NFPA 1983/2012 edition standards.

item #	size	NFPA	MBS (lbf/kN)	elong. (300/600/10% mbs)
1260	7/16	technical use	7194/31.9	2.5/4.1/6.9
1262	(Berry compliant) black			

(B) ProTac™

32 carrier polyester sheath. 50/50 ratio of sheath to core ensures good abrasion resistance. Recognized as the best all around rappel rope available today.

item #	size	color	MBS (lbf/kN)	elong. (300/600/10% mbs)
1264	10.5mm	black	6500/28.8	n/a
1265	11mm	black	7194/31.9	4.2/6.4/8.4
1270	11mm	o.d. green	7194/31.9	4.2/6.4/8.4
1275	11mm	desert sand	7194/31.9	4.2/6.4/8.4
1280	11mm	urban gray	7194/31.9	4.2/6.4/8.4

(C) Armortech™ Technora® 10.5

Specially designed for tactical situations where abrasion is an issue.

item #	name	color	MBS (lbf/kN)
1427	Armortech 10.5	tan	8000/35

(D) Icon 9.1 mm Tactical Dynamic Climbing Rope

One of the lightest certified single ropes on earth is also certified as a half rope. This cord sets a new lightweight standard for tactical and rescue applications.

item #	name	color	MBS (lbf/kN)
1350	Icon	black/o.d. green	4600/20.4
1351	Icon	o.d. green/black	4600/20.4
1353	Icon	coyote/black	4600/20.4

(D) SlimLine Elite™ 10.3 mm Tactical Dynamic Climbing Rope

Our best all around climbing rope. Long wearing with high sheath to core ratio. The perfect balance between a lightweight and durable rope with a high fall rating.

item #	name	color	MBS (lbf/kN)
1370	SlimLine Elite 10.3	black/o.d. green	5074/22
1371	SlimLine Elite 10.3	o.d. green/black	5074/22
1373	SlimLine Elite 10.3	coyote/black	5074/22

(D) Enduro™ 11 mm Tactical Dynamic Climbing Rope

40 carrier braid construction with the thickest sheath to core ratio (43/57) on the market, yielding a rope with abrasion resistance never before seen in a dynamic climbing rope.

item #	name	color	MBS (lbf/kN)
1215	Enduro	black/o.d. green	5500/24
1216	Enduro	o.d. green/black	5500/24
1218	Enduro	coyote/black	5500/24

(E) Dynamic Prusik Cord

Specially engineered prusik cord with shock absorbing ability.

item #	size (mm)	color	MBS (lbf/kN)
1471	6.5	coyote/black	2425/10
1472	6.5	black/o.d. green	2425/10

Yates

c l i m b i n g

Climber Kait Barber photo courtesy of Ammon McNeely





207 Shield

Super high tech, fully padded harness for big walls, long ice routes and hanging belays. Safelock double pass buckle closure system adds security and eliminates creep in buckle system during hauling. 5 inch wide swami belt lined with Polar-plus laminated foam. Tapered anatomical design for great flexibility and comfort. Waist will adjust 4 to 6 inches to accommodate extra clothing for cold weather climbs. The fully adjustable leg loops are the same as used on Big Wall harness. Large diameter sheathed tubing racking system for easy clipping.

- Built-in hammer holster
- 3500 lb rated haul loop
- Weight 23 oz.
- Sizes S to XXL



203 Astroman

Fully padded, lightweight harness designed to excel in speed wall ascents, and extended sport routes. Totally versatile. Safelock double pass buckle closure system adds security and eliminates creep in buckle system during hauling. 4 inch wide swami belt lined with Polar-plus laminated foam. Tapered anatomical design for great flexibility and comfort. Waist will adjust 4 to 6 inches to accommodate extra clothing for cold weather climbs. Fully adjustable 3 inch leg loops are filled with 3/16 inch foam. Multiple, large diameter sheathed tubing gear racking system with one up-turned forward gear loop on right side.

- 3500 lb rated haul loop
- Weight 19 oz.
- Sizes XS to XL



229 Gym Harness

Lightweight harness designed for use in climbing gyms, challenge and ropes courses. Fits both men and women well. Camlock quick adjust leg and waist buckle allows harness to be easily adjusted with added security. 1.75 inch webbing waist belt and leg loops. Single click drop buckle on back of waist allow leg loops to be dropped without unthreading any buckles. Clip-in point provides for a higher center of gravity to reduce the risk of inversion during a fall.

- Weight 17 oz
- Two sizes, fully adjustable

505 Big Wall Rack

State of the art double racking system designed for big wall climbs and rescue work. Contoured shoulder pads constructed of 3/8 inch Polar-plus laminated foam. Contoured main chest and rear shoulder portion of harness is lined with polar fleece. Large gear loops are made of rolled 1 inch tubular webbing. Small side gear loops are made of polyethylene tubing covered with Dyneema webbing for added durability and easy clipping. Accessory loops on shoulders to aid in re-racking at belays. Aluminum buckles allow sternum strap to be centered. Can also be used as a chest harness.

- Weight 16 oz.
- Sizes XS to XXL



504 Free Climbing Rack

Lightweight version of Big Wall Rack for speed walls, long mixed free/aid routes and ice climbing. Unique gear racking system, used when large amounts of gear must be carried. Contoured shoulder pads are constructed of 3/8 inch laminated foam, lined with Polar-plus. Polyethylene tubing gear loops covered with rope sheath for durability and ease of clipping.

- Weight 7 oz.
- Sizes S to XL



510 5.14 Gear Sling

Contoured shoulder pad is made of laminated foam lined with Polar-plus. Polyethylene tubing gear loop covered with rope sheath for durability and ease of clipping. Clip-in point on top of shoulder to aid in re-racking at belays.

- Minimum strength 1000 lbf.
- Sizes S to XL
- Various colors



515 Adjustable Gear Sling

Adjustable gear sling made of rolled 1 inch tubular webbing that minimizes snagging on carabiners. Polar-plus laminated 1/4 inch foam shoulder pad.

- Minimum strength 2000 lbf.
- One size fully adjustable
- Various colors



500 Figure Eight Chest Harness

Used for glacier travel, ropes courses, rescue and industrial work. Fully adjustable with unique elastic sternum strap. Warning: Chest harness must be used with a seat harness and is not to be used alone.

- Weight 12 oz.
- Sizes Regular and XL



503 Alpine Chest Harness

Designed for alpine climbing applications. Features 1 inch flat webbing shoulder straps with 2 inch webbing around the chest. Warning: chest harness must be used with a seat harness and is not to be used alone.

- Weight 10.8 oz.
- One size fully adjustable
- Red and black or purple and black



580 Belay Seat

Rectangular design with adjustable crotch strap. Made of 3/4 inch, flat webbing and coated nylon fabric. Designed to last and remain comfortable on those extended hang outs.

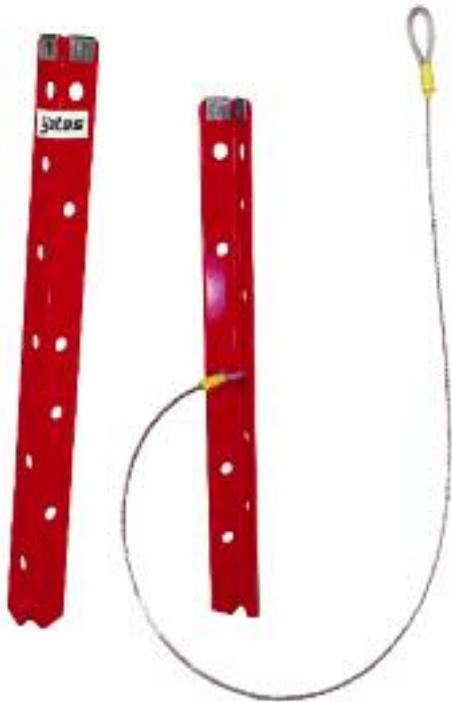
CLIMBING



555 Ice Axe Leash

For alpine ice climbing. Ties to head of axe. Made of brightly colored rope sheath material with vinyl wrist pad and hook and loop adjust wrist slider.

- Belay strength 1400 lbf.



Cable and Expedition Pickets

The versatility of the Cable and Expedition Pickets have made them the choice of many expeditions. Superior holding power with V shaped profile. Can be placed as a standard picket, deadman or buried horizontal bar. Stainless steel strike plate on end reduces damage from hammering. Cable model has 42 inch cable runner attached.

- Length 22 inches
- Weight 15 oz. (Cable), 10 oz. (Expedition)

1020	Cable Picket
1021	Expedition Picket

HAUL BAGS/ETRIERS



750 Fat Sac Haul Bag

The Fat Sac is built to last. It won't fall apart after your first wall. Constructed of the highest quality super heavy duty urethane coated nylon. This material has exceptional abrasion resistance and superior UV exposure properties. Haul bag seams are sonically welded and taped with extra wide 1.5 inch seams ensuring full strength of weld. Double urethane cloth bottom with unique easy clip attachment on bottom for securing a second bag or your ledge under main bag. River bag style skirt closure made of heavyweight urethane cloth. Removable contoured shoulder and waist suspension system uses a unique quick stick system for easy torso height adjustment. Deluxe shoulder and waist pads use thick foam for comfort. Bag size is designed for most Grade V and VI routes. Inside pocket and attachments for daisies. The shorter/wider design of this bag allows for much easier access of contents while on the wall. This bag is the bomb!

- 18.5 inch diameter, 58 inch circumference, 32 inch height
- 20 inch skirt
- Volume 8300 cu. in.
- 11,000 cu. in. with skirt extended
- Weight 8.5 lbs.



One Inch Etriers

Redesigned with extra long bottom steps to allow greater flexibility in obtaining proper sequencing. Short steps built into top steps. Reinforced for full strength in any direction of pull. Full strength wrist loop. 4+2 step etrier is similar to most standard 5 step etriers in length. 5+2 step etrier is similar to most standard 6 step etriers in length. Made of 1 inch flat webbing.

525	4+2 step	61 inches
530	5+2 step	75 inches (shown)

524 3/4 Inch Etrier

Made of lightweight 3/4 inch webbing. Similar configuration to standard 4+2 step etrier without the short top steps. Great as an alpine or emergency etrier. Length 61 inches.

Yates Heads

Copper, Aluminum and Duck Heads. Swedge design, used in direct aid climbing.

Copper Heads

- 1031 #1
- 1032 #2
- 1034 Duck #1
- 1035 Duck #2
- 1129 Double #0
- 1131 Double #1
- 1132 Double #2



Aluminum Heads

- 1034A Duck #1
- 1035A Duck #2
- 1040 #1
- 1041 #2
- 1042 #3
- 1043 #4
- 1142 Double #2
- 1141 Double #3



Rounds

- 1045 #1
- 1046 #2



Ted's Self Equalizing Heads

- 1149 #0 copper
- 1150 #1 copper
- 1151 #2 copper
- 1152 #1 aluminum
- 1153 #2 aluminum
- 1154 #3 aluminum



Duckbill

- 1050 #1
- 1051 #2



Rivet Hangers

- 1055 #0
- 1056 #1

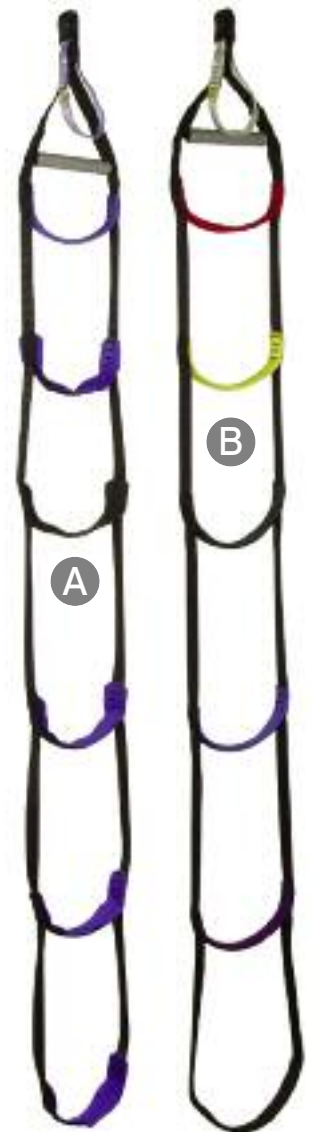


Butterfly Rivet Hanger

- 1057 #1

1030 Pin Head

Cabled gear puller. Eye ends covered with thick, plastic tubing to reduce wear.



(A) 532 Big Wall Ladder

Designed to offer the simplicity of traditional 1 inch etriers with the comfort of 2 inch wall etriers. Spreader bar insures that steps remain open without causing foot pinching. Built-in full strength wrist loop. Yates Big Wall Ladders are the next generation of wall ascent gear. Six steps. Length 70 inches.

(B) 533 Speed Wall Ladder

Designed with the same configuration as the Big Wall Ladders with six 1 inch wide steps to reduce bulk and weight. Spreader bar insures that steps remain open without causing foot pinching. Complements Yates Big Wall Ladders as a third or fourth ladder set. Length 70 inches.

535 Speed Stirrups

Designed by Hans Florine, Speed Stirrups are designed for speed jumaring and cleaning while aid climbing. Simple, clean design dramatically reduces the bulk of traditional etriers. Speed Stirrups can be used as an adjustable etrier. 4 inch wide steps made of heavy duty vinyl haul bag material with built-in keeper strap. Fully extended stirrup measures 6 feet. Weight 1 lb. 3 oz.



Rabbit Runners

14 mm Dyneema webbing with a 1 inch sewn loop at each end. Available in 4 to 12 foot lengths. 10, 11 and 12 foot runners can be used as equalizing anchors.

- Strength 3800 lbf/17kN end to end
- Strength doubled 5175 lbf/23kN
- Custom lengths available

663	4 foot	667	10 foot
664	5 foot	668	11 foot
665	6 foot	669	12 foot
666	8 foot		

Ice Rabbit with 12 inch stiffener on one end also available



Top Rope Anchors

Heavy Duty 6000 lb Type 18 flat webbing with a 6 inch sewn loop at each end. Flat webbing is more resistant to abrasion cutting than tubular webbing. Available in 4 to 12 foot lengths. Black, Blue, Red, Yellow, Orange.

- Strength 5500 lbf/24.5kN end to end
- Custom lengths available

670	2 foot	676	6 foot
672	3 foot	678	8 foot
674	4 foot	675	10 foot

550 Adjustable Daisy

Multiple uses in rigging as an adjustable positioning strap. Incorporates a heavy duty cam buckle which allows user to easily adjust the distance between seat harness and connector. At full extension adjustable daisy measures 56 inches. Strength 1500 lbf. (6.6kN).

- Available in black or red



Daisy with Screamer

Shorty Screamer can be easily girth hitched directly into daisy chains to reduce shock loading in climbing situations when falls occur. The use of a Screamer in conjunction with a Dyneema Daisy chain is recommended due to the low stretch characteristics of these materials during a full length daisy chain fall.

Nylon Daisy Chains

Classic daisy chain made of 11/16 inch nylon super tape. Available in 36, 48 and 54 inch lengths.

- Strength 22 kN
- Individual pocket strength 4kN

540	9 pocket	36 inch
542	12 pocket	48 inch
545	14 pocket	54 inch



14mm Dyneema Daisy Chains

Classic daisy chain made of 14mm Dyneema webbing. Very lightweight. Available in 36, 48 and 54 inch lengths.

- Strength 22 kN
- Individual pocket strength 4kN

546	9 pocket	36 inch
547	12 pocket	48 inch
548	14 pocket	54 inch



Minimum strength 1500 lbf. Weight 8 to 11 oz.

640 Aid Tie-Offs

Made from lightweight 1/2 inch mil spec 5625 tubular webbing. Used for short piton placements. Length 8 inches.

600 Screamer

Multi-functional energy absorbing device, designed to reduce peak loads in any climbing system. Screamers provide added protection in climbing and rescue situations. Not only do they absorb energy directly because of the stitch ripping effect, they also allow your rope to absorb more energy from the fall by increasing the time interval of the fall. First developed over ten years ago to be used on less than ideal climbing protection such as small nuts, old 1/4 inch bolts, snow anchors or marginal protection. Screamers can be combined in series to double or triple the total absorption. Screamers can also be ganged to increase activation force and absorption. Proven to be very successful in reducing loads to any anchor when it is stressed in excess of the activation force.

- Activation > 2kN
- Reduces system peak loading 3 to 4kN
- Runner strength 24kN

601 Shorty Screamer

Offers the same properties as the standard Screamer in a more compact unit.

- Activation > 2kN
- Reduces system peak loading 3 to 4kN
- Runner strength 24kN

602 ZipperScreamer

Designed for long falls with high fall factors. These types of falls usually occur within the first two or three protection placements that are run out. Ice climbing is a good example where the Zipper is exceptionally effective when used on the first few placements. The Zipper can effectively reduce peak loads by 6 to 8 kN in any climbing system.

- Activation > 2kN
- Reduces system peak loading 4 to 8 N
- Runner strength 24kN

605 Ice Screams

Ice Screams offer the same properties as the standard Screamer with the addition of a convenient tie off mechanism for ice screws.

- Activation > 2kN
- Reduces system peak loading 3 to 4kN
- Runner strength 24kN

610 ScreamAids

Designed to be used on extremely marginal aid placements only. Scream Aids are designed to activate at a force lower than a standard screamer. Sewn tie off loops are provided for use on tied off pins, and attachment to copper heads.

- Activation > 1.5kN
- Reduces system peak loading 1.5 to 2kN
- Runner strength 7kN



Sewn Slings

Nylon or blend of Dyneema and nylon fibers woven together to form a webbing that has superior strength and abrasion resistance properties. Shorts work great for quick draws.

- Runner strength 22kN
- Variety of colors
- Custom lengths available

626	11mm 6 inch
627	11mm 8 inch
616	11mm 24 inch
617	11mm 36 inch
618	11mm 48 inch
627	11mm 8 inch
656	14mm 24 inch
657	14mm 36 inch
658	14mm 48 inch
636	11/16 Nylon 24 inch
637	11/16 Nylon 36 inch
638	11/16 Nylon 48 inch



14mm Dyneema Runners

1 inch sewn loop at each end. Available in 4 to 12 foot lengths. 10, 11 and 12 foot runners can be used as equalizing anchors.

- Strength 3800 lbf. (17kN) end to end
- Strength 5175 lbf. (23kN) basket
- Custom lengths available

663	4 foot
664	5 foot
665	6 foot
666	8 foot
667	10 foot
668	11 foot
669	12 foot

625 Dog Bones

Sling designed with a small loop bar tacked into one end. 11 mm Dyneema, 5 inch.

628 Speed Draw

Small loop bar tacked at one end to hold carabiner securely. 11 mm Dyneema, 12 inch.



Limited Warranty

Yates Gear Inc. warrants for one year from the purchase date and only to the original retail buyer that our products are free from defects in material and workmanship. If the buyer discovers a warranty related defect, the buyer should return the product to Yates Gear Inc. Yates Gear Inc. reserves the option to repair or replace any product returned under warranty. That is the extent of our liability under this warranty and, upon the expiration of the applicable warranty period, all such liability shall terminate.

Warranty Exclusions

Yates Gear Inc. does not warrant products against normal wear and tear, unauthorized modification or alteration, improper use, improper maintenance, accident, misuse, negligence, damage, or if the product is used for a purpose for which it was not designed. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Except as expressly stated in this warranty, Yates Gear Inc. shall not be liable for direct, indirect, incidental, or other types of damages arising out of, or resulting from the use of the product.

Warning

Products manufactured by Yates Gear Inc. are intended for use by professionals trained and experienced in the use, inspection, and maintenance of these products. Many products which Yates manufactures are used in high angle environments which pose a very substantial risk of serious injury or death. You must read and understand all of the manufacturer's instructions before use. Any person purchasing this equipment assumes the responsibility for seeking proper training in its use. Purchaser also assumes all risk for any injury or damage sustained while using any of this equipment. Failure to follow these warnings increases the risk of injury and death.

- Harness Feature
- Harness Option
- F Fire Dept Ladder Only

	Class	NFPA	ASTM/ANSI/OSHA	Fall Arrest	Work Positioning	Lead Climbing	Rope Access	Stage Rigging	Ladder Climbing	Rescue	Dorsal	Sternal	Front Waist	Side Positioning	Back (lumbar)	Shoulders
208 Tactical Shield	II				•					•			•		•	
304/304CC/319 Tactical Rappel Belt	II				•					•			•			
305/307 Mountain Warfare/Lite	II				•					•			•			
306 Assault Climbing Belt	II				•					•			•			
308A/B Padded Ltwt. Assault	II				•					•			•			
309 SWAT Special Ops	II				•					•			•			
310 Rescue Seat	II				•					•			•			
313	II				•					•			•			
320/320USN	II	•			•					•			•			
320A/320USNA	II	•			•					•			•			
320C/320CCUSN	II	•			•					•			•			
321 Victim Rescue Seat	II	•			•				F	•			•			
321 Nylon Ladderman	II	•			•				F	•			•			
323 Kevlar Ladderman	II				•				F	•			•			
327 Riggers Full Body	III	•	•	•	•	•	•	•		•	•	•	•	•	•	•
330 NFPA Full Body	III	•			•				•	•	•	•	•	•	•	•
330A Padded Full Body	III	•			•				•	•	•	•	•	•	•	•
335 Heavy Rescue	III	•	•	•	•				F	•	•	•	•	•	•	•
352/353 Ltwt. Assault Full Body/s	III				•					•	•	•	•	•	•	•
352B Pad Ltwt. Assault FB Rear D	III				•					•	•	•	•	•	•	•
355 Extraction	III	•	•	•	•					•	•	•	•	•	•	•
360 STABO	III	•	•	•	•					•	•	•	•	•	•	•
361 Special Ops Full Body	III	•	•	•	•					•	•	•	•	•	•	•
363 Special Forces Full Body SPIE	III	•	•	•	•				•	•	•	•	•	•	•	•
366/B Fall Safe/Pro/Riggers	III	•	•	•				◦	•	•	•	•	•	•	•	•
368 Kevlar Ladder Belt	I								F	•			•			
369 Nylon Ladder Belt	I								F	•			•			
370 SCBA Ladder	I								F	•			•			
371K Kevlar Truck/Escape Belt	I	•							F	•			•			
371N Nylon Truck/Escape Belt	I								F	•			•			
380 Voyager	III	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
380R Voyager Riggers	III	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
384 Technical Rescue II	III	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
386/388/389 Basic Rigging/Helo Ops	III	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
387 Basic Rope Access	III	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
387P Basic Rope Access Pro.	III	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
390 RTR Tower Access	III	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
390FR Electric Arc-Flash Pro. Tower	III	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
415 Rescue Chest										•			•			
425 Yates Full Body Chest									•	•			•			
424 Assault Full Body Chest										•			•			
70100/70101 RSI/Yates Safe-Out	II	•			•					•			•			

HARNESS SIZE CHART

All waist sizes in inches Top line waist, lower line height	Regular	Small	Medium	Large	X Large
208 Tactical Shield		27 - 31	30 - 34	33 - 37	36 - 40
304/304CC/319 Tactical Rappel Belt			30 - 36	34 - 40	
305 Mountain Warfare	29 - 36			35 - 43	42 - 50
307 Mountain Warfare Lite	28 - 36			35 - 42	
306 Assault Climbing Belt			30 - 35	34 - 39	
308A/B Padded Lightweight Assault		26 - 31	30 - 36	34 - 40	38 - 48
309 SWAT Special Ops		27 - 32	30 - 35	34 - 39	38 - 42
310 Rescue Seat	25 - 50				
313	25 - 50				
320/320USN	26 - 54				
320A/320USNA		26 - 31	30 - 36	34 - 40	35 - 46
320C/320CCUSN			30 - 36	34 - 40	38 - 44
321 Victim Rescue Seat	26 - 54				
321 Nylon Ladderman	26 - 54				
323 Kevlar NFPA Ladderman	26 - 54				
327 Riggers Full Body		26 - 31 5'0 - 5'9	30 - 36 5'5 - 6'4	34 - 40 5'5 - 6'4	38 - 48 5'5 - 7'0
330 NFPA Full Body	26 - 54 5'5 - 6'4				
330A Padded NFPA Full Body		26 - 31 5'0 - 5'9	30 - 36 5'5 - 6'4	34 - 40 5'5 - 6'4	38 - 48 5'5 - 7'0
335 Heavy Rescue	26 - 54 5'5 - 6'4	24 - 36 5'0 - 5'9			34 - 64 5'5 - 7'0
352A/B Padded Ltwt. Assault FB		26 - 31 5'5 - 6'4	30 - 36 5'5 - 6'4	34 - 40 5'5 - 6'4	38 - 48 5'5 - 6'4
353 Ltwt. Assault Tactical FB	25 - 50 5'5 - 6'4				
355 Extraction	26 - 54 5'5 - 6'4				
360 STABO	26 - 54 5'5 - 6'4	24 - 36 4'9 - 5'9			
361 Special Ops Full Body	28 - 44 5'2 - 6'6				
363 Special Forces Full Body SPIE	26 - 54 5'5 - 6'4				
366/B Fall Safe/Pro/Riggers	26 - 54 5'5 - 6'4				34 - 64 5'5 - 7'0
368 Kevlar Ladder Belt	34 - 52				42 - 60
369 Nylon Ladder Belt	34 - 52				42 - 60
370 SCBA Ladder	26 - 54				
371K Kevlar Truck/Escapes Belt	34 - 52				44 - 64
371N Nylon Truck/Escapes Belt	34 - 52				44 - 64
380 Voyager		28 - 33 5'0 - 5'9	32 - 36 5'5 - 6'4	35 - 39 5'5 - 6'4	39 - 50 5'5 - 7'0
380R Voyager Riggers	XS 25 - 30 4'9 - 5'6	28 - 33 5'0 - 5'9	32 - 36 5'5 - 6'4	35 - 39 5'5 - 6'4	39 - 50 5'5 - 7'0
384/6 Tech Rescue II/Basic Rigging		S/M 26 - 37 4'10 - 5'10		L/XL 34 - 45 5'5 - 6'4	
388/388-ARS/389 Helo Ops					
387/397P Basic Rope Access/Pro. note: no XS in 387P	XS 25 - 30 4'9 - 5'6	28 - 33 5'4 - 6'0	32 - 36 5'5 - 6'4	35 - 40 5'5 - 6'4	39 - 50 5'5 - 7'0
390/390FR RTR Tower Access/Arc		28 - 32 5'0 - 5'9	32 - 36 5'5 - 6'4	35 - 40 5'5 - 6'4	39 - 46 5'5 - 7'0
415 Rescue Chest	26 - 54				
425 NFPA Full Body Chest	26 - 54	5'5 - 6'4			
424 Assault Full Body Chest	26 - 54	5'5 - 6'4			
450/451/456/457 Rappel/BDU Belt	24 - 42				34 - 57
463/464 Cobra CQB Belt	(XXL 40-44)		30 - 34	33 - 37	36 - 40
70100/70101 RSI/Yates Safe-Out	26 - 54				
Climbing harnesses: upper line waist, lower line thigh					
203 Astroman	XS 24 - 28 XS 18 - 20	28 - 31 22 - 24	30 - 34 22 - 24	33 - 37 24 - 26	36 - 40 26 - 28
207 Shield	XXL 39 - 44 XXL 26 - 29	27 - 31 20 - 22	30 - 34 22 - 24	33 - 37 24 - 26	36 - 40 26 - 28
228/229 Gym Junior/Gym	junior 16 - 36 junior 10 - 26	gym 20 - 44 gym 12 - 28			gym 24 - 58 gym 16 - 30

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Symbol Guide



1. 2. 3. 4. 5. 6. 7.

1. Fall Arrest
2. Work Positioning
3. Descent
4. Lead Climbing
5. Rope Access
6. Ladder Climbing
7. Limited Access (shoulders)



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