



STERLING 2020

Freedom to Focus™

HUMANITY

The top triangle embodies the will of humanity and the drive to ascend ever upward.



Aiding people in the battle against the negative force of gravity is at the center of Sterling's reason for being. When you can be bold, courageous and safe, you can own the moment.

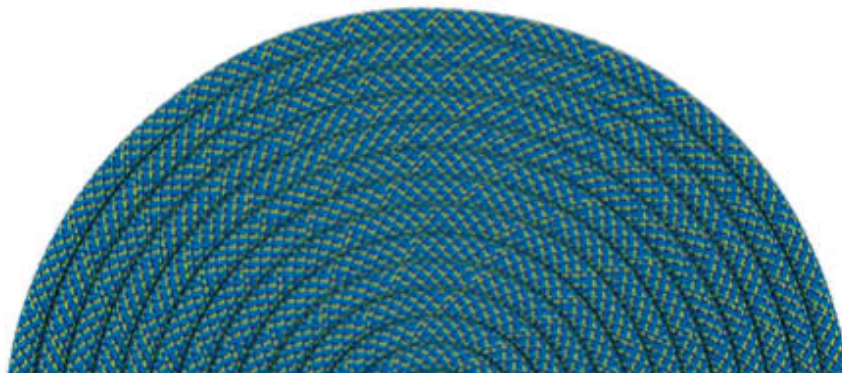
We call that Freedom to Focus.

GRAVITY

The bottom triangle serves as the force of gravity, seeking always to ground us.

Your Quest Is Just Beginning

The NEW QUEST™ | Hot off the factory floor, our new Quest rope is a lightweight workhorse ideal for every climber and discipline. A thinner version of our Velocity, the Quest is perfect for people looking for the ideal balance of weight and durability. Plus, its smooth sheath reduces gear drag while its mid-9 mm diameter keeps things light. The Quest is the perfect rope to pack for new journeys and trips back to old favorites.



Specs

Diameter: 9.6 mm

Weight (g/m): 60.1

Sheath (%): 33%

UIAA Falls: 8

Impact Force: 9.1 kN

UIAA Dry %: 2.3



DryXP®



**UIAA
WATER
REPELLENT**

DryXP = Dry-treated ropes that exceed the UIAA Water Repellent Standard. See pg 13 for details.

For more info on the Quest,
see **pg 11**.

bluesign® approved: All Nexis Fibers
used in Sterling Dynamic Ropes are
bluesign approved.

Our Pledge is Simple

We have committed to ourselves and to those who use and rely on our products that we'll never compromise quality; we'll never stop innovating real-world solutions, and we'll deliver the most reliable equipment possible.

At Sterling, we're proud to design and build all of our Life-Safety Rope under one roof in Biddeford, Maine. In 1992, we made a commitment to be a US manufacturer, to keep all our processes in-house and, as much as possible, work with US-based partners and vendors. By designing and producing here, under one roof, we can assure a better outcome, more consistency and higher quality.

Product Quality & Customer Service

We guarantee our products to be free of defects and stand firmly behind the excellence of our products' design, engineering and fabrication. When used responsibly and properly, in normal and recommended conditions, Sterling products will endure, perform and wear up to world-class standards. However, no rope lasts forever. Climbing, technical work and fire exposes ropes to abrasion, fatigue, sunlight, heat and constant loading. Severe falls, lack of protection over an edge, exposure to chemicals, excessive temperatures or improper use will shorten the lifespan of any rope. These scenarios stress the importance of checking and protecting your rope. Sterling reserves the right to inspect your rope before replacing it or refunding your money. We are committed to supporting you in your climbing or work endeavors and to maximizing your overall experience with each Sterling product through the best possible product quality and customer service.

Social

Instagram | @SterlingRope

Facebook | SterlingRope

Twitter | @SterlingRope

#SterlingRope



Proudly Made in U.S.A.
with U.S. and Globally
Sourced Material

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Sterling 2020

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Ben Ruck, Dolomiten (2019), Cofa, Bawa, Corna, Aero 2 mm Photo: Jiri Ruppel



STERLING



DYNAMIC ROPES DYNAMITE DESIGN

Our current generation of ropes is the culmination of more than 25 years of relentless improvement. We experiment with new technologies, obsessively test in the lab and on the crag, and welcome brutally honest feedback from our team athletes.

Lightweight

Fast and light. Every gram counts when hiking in on a long approach or pulling hard on your latest project.

Lightweight,
Twin Rope



Photon™ 7.8 mm

Weight (g/m): 41

Sheath (%): 45

Length: 30, 40, 50, 60, 70, 80 m



DryXP™



Purple



Orange

The most durable sub-8 mm dynamic rope is dual certified for half and twin use in tough conditions. It is featherweight yet easy to handle.

UIAA 101

EN 892

Super Thin,
Triple-Certified



Nano IX™ 9.0 mm

Weight (g/m): 52

Sheath (%): 29

Length: 30, 40, 50, 60, 70, 80 m



DryXP™



Bicolor Orange



Bicolor Purple



Blue



Green



Orange

A highly-specialized rope for advanced climbers. A team favorite because of its low weight and superior performance, the Nano IX is triple-certified and versatile enough to handle your extreme trad, sport or alpine projects.

UIAA 101

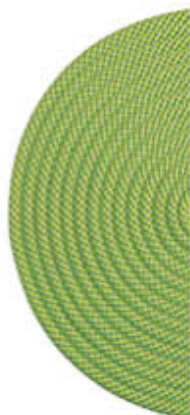
EN 892

bluesign® approved: All Nexis
Fibers used in Sterling Dynamic
Ropes are bluesign® approved.





Thin,
Lightweight,
Thick Sheath



Aero™ 9.2 mm

Weight (g/m): 56
Sheath (%): 41
Length: 50, 60, 70, 80 m



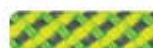
DryXP™

The Aero balances a durable, tough sheath with a unique lightweight core construction. The result is a sending rope with softer handling that's ideal for sport, mixed and ice climbing applications.

UIAA 101
EN 892



Bicolor Blue



Neon Green



NEW Bicolor Red



NEW Orange



NEW Yellow

Firm Hand,
Easy to Clip



Ion R™ 9.4 mm

bluesign
APPROVED

Weight (g/m): 57
Sheath (%): 39
Length: 40, 50, 60, 70, 80 m



DryXP™

One of our most sought-after ropes offers durability in a perfect, mid-range size. The Ion R is notable for its firm, tactile feel that's easy to clip.

UIAA 101
EN 892



Bicolor Red



NEW Teal



Bicolor Blue



Green



Orange



Red

bluesign® approved: All Nexis
Fibers used in Sterling Dynamic
Ropes are bluesign® approved.



UIAA
WATER
REPELLENT

DryXP™ = Dry-treated ropes that exceed the UIAA Water Repellent Standard. See pg 13 for details.

Angela Hawse, Cascade Canyon, Durango, CO, Bicolor Helix 9.5 mm DryXP. Photo: Randy Gaslapo



STERLING SPOTLIGHT

Few things stop Olivia Hsu. Including pregnancy.

An elite-level climber, Olivia Hsu compares herself to her favorite Sterling rope: the Nano IX. "It's light and strong and tough as nails," she told us recently. And with a baby on the way this year and no sign of stopping, Olivia's breaking down climbing barriers for mothers-to-be and tying in all she can now. "I love it because anytime I go these days I'm family craggin'!"

Olivia's also found yoga to be the perfect compliment to climbing, allowing her to cultivate focus and flexibility on both the mental and physical levels. She says two decades of studying Ashtanga has allowed her to find the "delicate balance between practice and training" and to understand the myriad ways in which yoga complements doing what you love ... like climbing.



Name: **Olivia Hsu**
Home: **Boulder, CO**
Insta: **@ollicow**

Olivia started climbing at school in Australia and was instantly hooked after getting to the top of a 5.10 on her first try. Half the guys in her class couldn't do it.

Performance

Rock or Ice. With unmatched durability, handling and reliability – anywhere you go – these ropes will not let you down.

Higher Sheath %, More Elongation

Helix™ 9.5 mm

Weight (g/m): 59

Sheath (%): 41

Length: 40, 50, 60, 70, 80 m

①

DryXP™

Using the 9.5 mm diameter that's popular among advanced sport climbers, the Helix is a blend of low weight and impact force with enhanced durability and a vivid, unique sheath pattern.

UIAA 101

EN 892



Quintessential All-Rounder

Velocity™ 9.8 mm

Weight (g/m): 62

Sheath (%): 35

Length: 35, 40, 50, 60, 70, 80 m

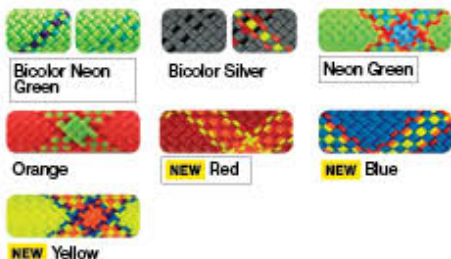
①

DryXP™

Our flagship and all-rounder for use in virtually any condition, the Velocity is a near-perfect balance of characteristics for a wide variety of climbing styles and conditions.

UIAA 101

EN 892



NEW

Balance of Weight and Durability

Quest™ 9.6 mm

Weight (g/m): 60.1

Sheath (%): 33

Length: 40, 50, 60, 70, 80 m

①

DryXP™

The Quest is a lightweight rope ideal for every climber. The smooth sheath reduces drag through gear while the mid-9 mm diameter limits weight without sacrificing durability.

UIAA 101

EN 892



Versatile, Best Value

VR9™ 9.8 mm

Weight (g/m): 62

Sheath (%): 35

Length: 40, 50, 60, 70 m

①

The 9.8 mm is a single dynamic rope for price-conscious climbers not looking to sacrifice quality. The VR9 gives you a lighter weight option for multi-pitch routes.

UIAA 101

EN 892



Workhorse

Guiding, Top Roping, Adventure Courses, Projecting. Our most durable, high-use and resilient ropes are ready to perform as your daily grinder.

Durable, Time-Tested

Pro™ 10.1 mm

Weight (g/m): 63 ^①
 Sheath (%): 42 Dry Optional
 Length: 50, 60, 70, 80 m

Well-built, not over-built. The Pro is a great all-around rope with a super durable sheath that balances low weight and easy handling with long-lasting performance.

UIAA 101
 EN 892



Bipattern Blue



Blue



Red



NEW Neon Green



Orange

Great Handling, Least Elongation

Phenom™ 10.3 mm

Weight (g/m): 67 ^①
 Sheath (%): 39 Dry Optional
 Length: 25, 30, 100, 200 m

With a 10.3 mm diameter, this rope hits the sweet spot for handling, durability, and compatibility with belay devices. Made to last and perform, the Phenom is ideal for top rope belays.

UIAA 101
 EN 892



Blue



Red



Yellow

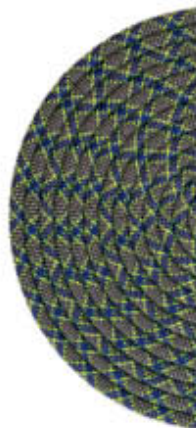
Best Value

VR10™ 10.2 mm

Weight (g/m): 67 ^①
 Sheath (%): 33
 Length: 60, 70 m

A larger diameter choice for beginner to intermediate climbers or weekend warriors on a budget, the VR10 is a proven performer for sport and trad use.

UIAA 101
 EN 892



Blue



Red

Thick Diameter, Extreme Durability

Big Gym™ 10.7 mm

Weight (g/m): 70 ^①
 Sheath (%): 38
 Length: 25, 30, 100, 200 m

Easy to grab and handle, the Big Gym is built for repeated abuse with a beefy diameter for added longevity. Designed for top rope, this rope is a great value for institutions and adventure courses.

UIAA 101



Orange



Yellow



NEW Purple



Wet ropes are like wet socks. Neither of them are helpful.

Absorption of water and contaminants changes the way dynamic ropes perform. It makes ropes heavier, affects their stretch and rebound characteristics, and makes them more prone to damage and increased rate of wear. The advanced treatments developed by our engineering team utilize specialized techniques and technology to protect your ropes and ensure they perform well in all conditions.

All our Dynamic Ropes have DryCore™

Every Sterling dynamic rope for the last 26 years has featured our DryCore technology. This innovative process treats the all-important core fibers to prevent yarn-on-yarn abrasion and moisture absorption. This helps the fibers share loads more evenly and resist the negative effects of water. All of our dynamic climbing ropes have DryCore, even those that don't go through the DeltaDry process. We think it's that important.

DryXP™ is the solution.

Using our most advanced dry treatment ever, DeltaDry™, we are the first US rope company to offer UIAA Water Repellent ropes. The environmentally-friendly, nano-particle coating is applied to the entire rope for the greatest possible water resistance. With in-field testing and feedback from team athletes, Sterling rope engineers refined this innovative new treatment to the point where many of our treated ropes exceed the stringent UIAA standards for water absorption. These are our DryXP ropes, taking the sought-after Sterling performance, handling and durability to the next level.



**UIAA
WATER
REPELLENT**

All of our Dry ropes are now treated to the DeltaDry process. This treatment process takes water protection to the next level and, on many of our ropes, far exceeds the UIAA Water Repellent Standard of 5%. Dry ropes that exceed this standard are labeled as DryXP.

DryXP™ Treated ropes that exceed the UIAA Water Repellent standard of 5% water absorption.

ROPE MODELS	Tested Absorption for DryXP Ropes
Ion R™ DryXP	0.9%
Aero™ DryXP	1.6%
Velocity™ DryXP	1.7%
Nano IX™ DryXP	1.8%
Quest™ DryXP	2.8%
Helix™ DryXP	3.0%
Photon™ DryXP	3.1%
Duetto™ DryXP	3.9%

Look for the **DryXP** or **Dry** labels on your favorite Sterling Rope.

Half & Twin

Whether it's multi-pitch ice, a wandering crack system, or a long descent in the alpine, our half & twin ropes help you tackle the most demanding climbs.

Lightweight, Dual Certified

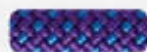
Photon™ 7.8 mm

Weight (g/m): 41
Sheath (%): 45
Length: 30, 40, 50, 60, 70, 80 m



The most durable sub-8 mm dynamic rope is dual certified for half and twin use in tough conditions. It is featherweight yet easy to handle.

UIAA 101
EN 892



Purple



Orange

Super Thin, Triple-Certified

Nano IX™ 9.0 mm

Weight (g/m): 52
Sheath (%): 29
Length: 30, 40, 50, 60, 70, 80 m



A highly specialized rope for advanced climbers. A team favorite because of its low weight and superior performance, the Nano IX is triple-certified and versatile enough to handle your extreme trad, sport or alpine projects.

UIAA 101
EN 892



Bicolor Orange



Bicolor Purple



Blue



Green



Orange

Half Rope

Duetto™ 8.4 mm

Weight (g/m): 45
Sheath (%): 40
Length: 30, 40, 50, 60, 70 m



For trad and alpine climbs, the Duetto is the perfect diameter for long routes. The smooth, high-twist sheath and unique core make the Duetto durable and easy to handle while reducing drag through gear.

UIAA 101
EN 892



Neon Green



Orange

Thick Sheath, Triple-Certified

Aero™ 9.2 mm

Weight (g/m): 56
Sheath (%): 41
Length: 50, 60, 70, 80 m



The Aero balances a durable, tough sheath with a new lighter weight core construction. The result is a sending rope with softer handling that's ideal for sport, mixed and ice climbing applications.

UIAA 101
EN 892



Bicolor Blue



NEW Bicolor Red



NEW Yellow



Neon Green



NEW Orange



UIAA
WATER
REPELLENT

DryXP = Dry-treated ropes that exceed the UIAA Water Repellent Standard. See pg 13 for details.

bluesign® approved: All Nexis
Fibers used in Sterling Dynamic
Ropes are bluesign® approved.

Rope Inspection & Retirement

Here at Sterling, we build our products to stand up to the rigors of climbing and we take that level of trust very seriously. Ropes, however, do not last forever. So it's important to protect your rope.

The 4 R's of Rope Care

① Review

It is important to do a physical inspection. Take care to look for any of the following:

- Excessive fraying
- Softness or stiffness
- Exposed cores
- Damage due to glazing or hard spots
- Lack of uniformity in diameter, color or texture

③ Retire

The working life of your rope depends on the frequency and type of use. Here are some general timelines given average and proper use:

- Extensive or weekly use: 3-6 months
- Occasional use: 1-2 years
- Seldom use: 2-5 years

During your physical inspection, if you noticed any of the five conditions listed above, it's probably time to retire the rope from service. Additionally, if your rope has been exposed to excessive UV light, sharp edges, or any type of chemical contamination, retire the rope immediately.

② Refresh

Dirt and other contaminants dramatically reduce the working life of ropes. Clean your ropes by washing them in warm or hot water with a mild soap. Our Wicked Good Rope Wash is a biodegradable technical wash and comes in one-ounce shots enough to clean one rope. Rinse thoroughly and hang to dry in the shade. Do not put your ropes into a dryer.

④ Replace

When replacing your ropes, look for ropes that have the features and benefits needed for your type of adventuring. Select diameters that you are comfortable with and that work with your gear. Lastly, pick your favorite color from the options! Climb Smarter.

If you have any questions, please contact Sterling at 800-788-ROPE.

Protecting your lifeline:

- Keep your ropes on top of a tarp/bag, to protect them from dirt and mud
- Transport your ropes in a bag
- Give your ropes a bath to keep clean, using Wicked Good Rope Wash
- Ensure your ropes have a safe storage space
- Keep away from sharp items, UV light, and chemicals (no acid!)



STERLING SPOTLIGHT

Mo Beck climbs one-handed. That's enough right there.

Champion climber Maureen Beck roped up for the first time at age 12 and has been cragging her way through New England ever since. Sounds like a familiar story until you realize Maureen's only got one hand. And as NatGeo's 2019 Adventurer of the Year and subject of the award-winning documentary *Adaptive* (see pg 49), Mo's story truly is as inspiring as it is unique.

Never one to be shy about pushing the limit, Mo's always putting herself out there. She spends her nights training and her weekends climbing all over the American southwest, usually with her favorite Sterling rope in tow: the 9.4 10 R. Maureen sums it up best in her own words, "One arm? One leg? Blind? In a wheelchair? Bring it on. Let's get outside and get rad!"



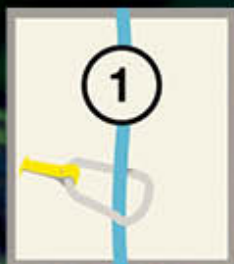
Name: **Maureen Beck**
Home: **Colorado Front Range**
Insta: **@mo.in.mountains**

Mo works passionately with the adaptive climbing community through the non-profit Paradox Sports and is the chair of the Paraclimbing Committee for USA Climbing.

UIAA Dynamic Rope Certifications

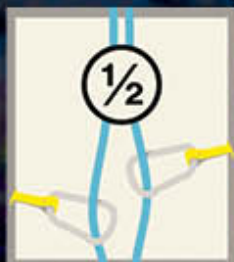
All of Sterling's dynamic ropes are UIAA Certified as Single, Twin, and/or Half Ropes and are designated as such by using the following symbols.

**Nano IX and Aero (pg 14) are triple-certified ropes.*



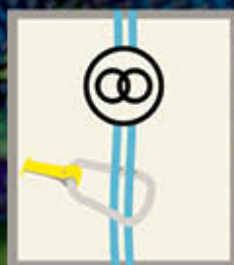
A single rope is the sole rope you use while you climb; clipping all gear to the one rope.

Ideal for: Trad climbing, sport climbing, big-wall climbing, ice climbing, and top roping.



Half ropes are a set of 2 ropes that a climber is tied into and belayed on, but these ropes are clipped into separate pieces of gear. So 1 strand of rope is clipped into each piece of protection. This increases options for gear placement without creating a lot of rope drag. This also adds a level of versatility that does not exist with a single rope.

Ideal for: Trad climbing on wandering multi-pitch rock routes, mountaineering, alpine, and ice climbing.



Twin ropes are similar to half ropes as they are a set of 2 ropes that a climber is tied into and belayed on, but both ropes are clipped into all the same pieces of gear. This practice is more common in alpine climbing where weight is a factor and longer rappels occur. Weight of carrying ropes can be split between two people and the ropes can be tied together for a longer rappel.

Ideal for: Trad climbing on non-wandering multi-pitch rock routes, and mountaineering.

What the fall rating actually means on a UIAA certified rope.



A higher fall rating does not equal a better rope.

The fall rating is the number of falls the rope held during the certification tests. It is not the number of falls the rope can hold in the real world. This test is absurdly severe and not representative of real-world scenarios.

Sterling builds ropes for real-world performance, not to achieve the highest

numbers on a test. Our ropes are designed to offer optimal handling, catch and durability all while meeting UIAA standards.

When assessing a rope for retirement and replacement, follow the rope care guidelines that came with your rope or check out pg 15 in this catalog.

For additional info, visit
SterlingRope.com.

For retirement criteria, see pg 15.

Canyoneering Canyon, North Valley, Utah, CanyonPrimes.com, Photo: David Newkirk

CANYONEERING CLASSICS



STERLING

CANYON ROPES

Mystery potholes. Sharp rocks. Lengthy rappels. High-volume waterfalls. Extended floats. These are but a few of the attractions and obstacles of canyoneering. Unique environmental challenges

require specialty ropes dedicated to this pursuit. Our line of canyon ropes has been improved by extensive in-use testing.

Super Lightweight, Packable

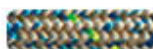
CanyonLux™ 8.0 mm

Weight (g/m): 41.2
MBS Rating (lb): 5,440
Elongation at 300 lb (%): 3.3
Length: 30, 46, 61, 92, 200 m

The best-handling and most-packable canyon rope currently available. A blended Technora®/polyester sheath and a dual core made from light and flexible polypropylene surrounded by a layer of braided HMPE material keeps the rope small and light, while reducing sheath slippage to a bare minimum and providing maximum strength.



Green



Blue

Best Value

CanyonPrime™ 8.5 mm

Weight (g/m): 56.4
MBS Rating (lb): 3,821
Elongation at 300 lb (%): 1.65
Length: 30, 46, 61, 92, 200 m

CanyonPrime offers excellent abrasion resistance for the diameter, weight, and cost. 100% polyester is water resistant, which prevents the rope from getting heavy when wet and will dry faster than ropes of other fiber types. The softer hand offers smooth rappels, and makes the rope easier to pack.



Orange



Blue

Durable Sheath, Non-Absorbant Core

C-IV™ 9.0 mm

Weight (g/m): 46.9
MBS Rating (lb): 4,653
Elongation at 300 lb (%): 2.0
Length: 30, 46, 61, 92, 200 m

Designed specifically for wet canyoneering conditions. A Technora® sheath and a braided polypropylene core give the C-IV superior resistance to abrasion and reduced water absorption, while retaining desirable low-stretch characteristics.



Green



Orange

Thickest Diameter, Strong Nylon Core

CanyonTech™ 9.5 mm

Weight (g/m): 63
MBS Rating (lb): 6,744
Elongation at 300 lb (%): 3.4
Length: 30, 46, 61, 92, 200 m

A nylon core and abrasion-resistant Technora sheath give CanyonTech an excellent balance of ruggedness, low stretch and high strength.

EN 1891: Type B



Green



Orange

In abrasion testing, C-IV proved to be one of our most durable ropes. See pg 21 for more info.

Canyon Gear

Monkey Business, North West, Utah, CanyonPrime 8.5mm. Photo David Heston

NEW

Steel ATS™ Device

Compatible w/ ropes 7.5–11.2 mm
Weight: 10.5 oz



For avid canyon guides and enthusiasts who prefer the most durable and versatile device on the market, the Steel ATS is the right choice. Rigorous testing shows the Steel ATS to be 5x more abrasion resistant than the standard aluminum version. The stainless steel construction also makes the Steel ATS rust and corrosion resistant.



ATS™ Device

Compatible w/ ropes 7.5–11.2 mm
Weight: 3.2 oz

The ATS device is a versatile belay and rappel device designed for ski patrol, mountain rescue and canyoneering. This unique device accommodates the need for friction settings as well as brake assist belay options and is better than a figure eight.



Blitz™ Canyon Bag

Rope Capacity:
250' of CanyonLux™ and CanyonPrime™
220' of C-IV and CanyonTech™

Designed for the toughest canyoneering expeditions and made from ultra-durable materials, the Blitz Bag is a floatable yet sturdy bag with removable flotation and a shoulder strap. An inventive stand-up and stay-open feature allows for rapid repacking.

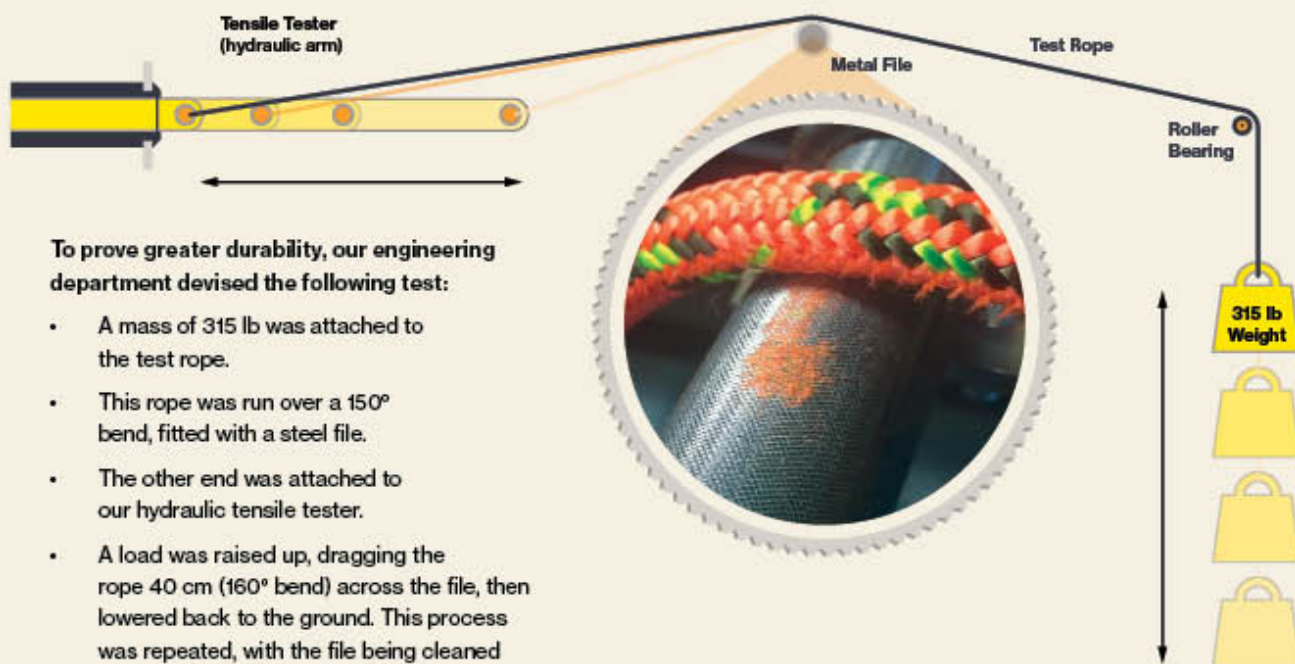
For additional gear, check out

HollowBlock2™
See pg 42.

Chain Reactor
See pg 46.

Abrasion Resistance

For years, we have known that the use of Technora® fibers in rope offers benefits in terms of strength and heat resistance. Diameter also plays a huge role in abrasion resistance; due to the increased surface area that the load is being distributed across, larger ropes will, generally, last longer than smaller ropes of the same sheath material.



To prove greater durability, our engineering department devised the following test:

- A mass of 315 lb was attached to the test rope.
- This rope was run over a 150° bend, fitted with a steel file.
- The other end was attached to our hydraulic tensile tester.
- A load was raised up, dragging the rope 40 cm (160° bend) across the file, then lowered back to the ground. This process was repeated, with the file being cleaned every cycle, until the core of the rope became visible.

We ran this test on a variety of ropes, but the benefits of the Technora fiber in the sheath were best shown in the following tests:

- Our 5/16" HTP™ (polyester sheath) went through 9 cycles before the core was exposed.
- A similar diameter rope, our 9 mm C-IV™, which has a Technora sheath, sustained 14 cycles on average, lasting 43% longer than the 5/16" HTP.
- Similarly, our 7/16" HTP (polyester sheath) rope lasted an average of 15 cycles.

Overall, there was great evidence of increased longevity and resistance to cuts and abrasion damage that was more difficult to quantify.

Abrasion Resistance Results

Rope Name	# of Cycles Before Core Exposure
5/16" HTP	9
9 mm C-IV	14
7/16" HTP	15

Bags Made Better



Chalk Bag

Sterling's Chalk Bag comes with an adjustable webbing belt and plastic quick release clip. The bag features a drawstring for cinching closed on one side and an elastic brush loop on the other.



Biddo Bag 55™

The rugged Biddo Bag 55 is designed to store and transport all your essential gear. Crafted with ultra-durable material, the Biddo Bag 55 will survive even the toughest conditions while keeping your rope, harness, helmet, and more – secure and ready for adventure. Volume 55 L.



Water Rescue Throwbag

A vital piece of safety equipment for swiftwater and flood rescue. Holds 75 feet of 3/8" WaterLine, GrabLine or UltraLine.



Blitz™ Canyon Bag

Rope Capacity:
250' of CanyonLux™ and CanyonPrime™
220' of C-IV and CanyonTech™

Designed for the toughest canyoneering expeditions and made from ultra-durable materials, the Blitz Bag is a floatable yet sturdy bag with removable flotation and a shoulder strap. An inventive stand-up and stay-open feature allows for rapid repacking.



Rope Bags

Made of durable nylon, these rope bags come equipped with top handles, a grommeted bottom for drainage, a clear front pocket and adjustable shoulder straps.

Size	Volume (L)	Rope Capacity
Small (yellow)	17	200' (of 3/8" dia.)
Medium (orange)	31	200' (of 1/2" dia.)
Large (red)	45	400' (of 1/2" dia.)

Take care of your ropes and they'll take care of you.

For the 4 Rs of Rope Care, see pg 15.



SafeGuard™ Rope Protector

Length: 18"

The SafeGuard is designed for rope protection – a critical separator between rope and sharp or jagged edges that allows ropes to move freely while avoiding abrasion or cutting damage. Unique stacked layers of fabric prevent cutting on sharp edges. Removable plastic insert allows for smooth emergency lowering or can be removed for wrapping small diameter anchors.



Rope Tarp Plus

Keep your rope clean with the Rope Tarp Plus. Constructed from a durable ripstop nylon, an oversized pocket allows you to slide in a flaked rope as well as shoes and a harness to easily transport your essentials to the crag.



Rope Wash

Proper care extends the life expectancy of a rope and cleaning is a major component of care. Our biodegradable technical wash is available in an .83 fl. oz package, which cleans one rope. Also available in a box of 20.

For additional info on rope care,
visit SterlingRope.com.



STERLING

SUPERIOR STATIC ROPES

Our low-elongation static ropes are useful tools for many of the challenges confronted on the route or expedition. We offer three different families of static ropes, each with a distinct set of properties that excel in particular applications.



Strong

With thermodynamic-treated nylon core fibers surrounded by a 32-carrier polyester sheath, this combination of fibers makes for balanced elongation in the core and sheath so they share the load evenly, making WorkPro™ the strongest ropes in their class.



3/8" WorkPro™

MBS: 6,519 lb
Elongation at 300 lb: 3.5%
Length: 46, 61, 92, 200 m

Versatile static line that's ideal for rappelling, hauling, and jugging.
EN 1891: Type A
NFPA 1983: Technical



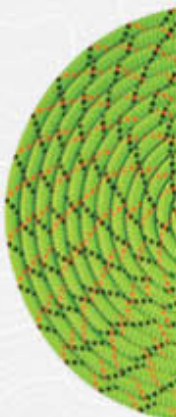
Red



White



Black



7/16" WorkPro™

MBS: 8,092 lb
Elongation at 300 lb: 3.5%
Length: 46, 61, 92, 200 m

Features the abrasion resistance of HTP™ with a soft hand and energy absorption of a nylon rope. Designed for use in fixed line, hauling, jugging, rappelling, and anchors.
EN 1891: Type A
NFPA 1983: Technical



Red



Blue



Neon Green



White



Black



1/2" WorkPro™

MBS: 10,116 lb
Elongation at 300 lb: 2.5%
Length: 46, 61, 92, 200 m

Balance of strength and handling suited for rescue scenarios.
EN 1891: Type A
NFPA 1983: General



Red



Blue



Neon Green



White



Black

Compatible

A 100% nylon construction with a high denier, durable sheath results in rounder, more consistent ropes with a supple feel. SuperStatic2™ ropes are designed specifically to maintain maximum strength while still being flexible enough to handle easily and integrate seamlessly with hardware and gear.



3/8" SuperStatic2™

MBS: 4,945 lb
Elongation at 300 lb: 3.3%
Length: 46, 61, 92, 183, 200 m

Lightweight technical rescue and rappel rope.

NFPA 1983: Technical



Blue



Red



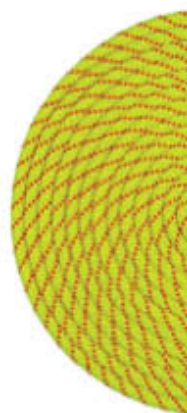
White



Black



Olive Drab



7/16" SuperStatic2™

MBS: 6,519 lb
Elongation at 300 lb: 3.2%
46, 61, 92, 183, 200 m

A do-it-all static rope that can withstand heavy abuse.

NFPA 1983: Technical



Blue



Red



White



Yellow



Orange



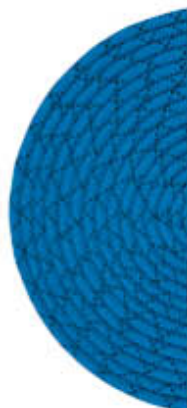
Black

Visit SterlingRope.com to see all available SuperStatic2 diameters.



All-Weather

100% polyester static lines have the lowest possible elongation and are inherently resistant to the effects of moisture, chemicals and UV rays, so they perform consistently regardless of the conditions.



9 mm HTP™

MBS: 4,496 lb
Elongation at 300 lb: 1.6%
Length: 46, 50, 61, 92, 183, 200 m

For heavy rigging and low-stretch applications.

NFPA 1983: Technical



White



Blue



Neon Green



Black



3/8" HTP™

MBS: 5,979 lb
Elongation at 300 lb: 1.4%
Length: 46, 61, 92, 183, 200 m

Very low elongation for haul systems.

NFPA 1983: Technical



Bicolor Blue



Bicolor Neon Green



Blue



Neon Green



Olive Drab



Orange



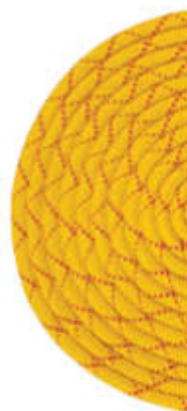
Red



White



Black



7/16" HTP™

MBS: 6,956 lb
Elongation at 300 lb: 1.9%
Length: 46, 61, 92, 183, 200 m

High strength and low elongation in a lightweight package.

NFPA 1983: Technical



Bicolor Blue



Bicolor Neon Green



Blue



Neon Green



Olive Drab



Orange



Red



White



Yellow



Black



STERLING SPOTLIGHT

Sterling Rope gives climbers the freedom to focus.

Our engineering staff works just feet away from the workers who fabricate products. Our sales and marketing teams share customer and athlete real-world feedback on products, which in turn informs product development and production. Peoples' lives and livelihoods depend on our products. By designing and producing rope under one roof, we can assure a better outcome, more consistency and higher quality. All to mean, you can trust Sterling ropes to safeguard your life.

We are a company that believes in the details, from our time-tested process of multiple core twists to our Thermo-Dynamic Balancing and trademarked DryCore™. Rope sheaths are twisted, spooled and braided before being inspected again and again and again, so no matter what crag or problem you face, Sterling's quality gives climbers the Freedom to Focus.



Name: **Sterling Rope**
Home: **Biddeford, ME**
Insta: **@sterlingrope**

Sterling has been making the highest quality, most innovative ropes right here in the USA for more than 25 years.

How to choose the right static rope.

When choosing your next static rope, some important factors to consider are gear compatibility, strength requirements and performance characteristics.

Jugging (aka ascending): Almost any static rope can be used as a jugging line. If the rope is going to be fixed on vertical terrain, a low-elongation (stretch) rope may be preferred.

Hauling: Many big wall climbers prefer larger-diameter ropes as they are more comfortable on the hands. However, experienced big wall climbers may choose smaller diameter ropes to reduce weight.

Rescue: Small, lightweight teams conducting single pick-off rescues may use skinnier ropes.

Rappelling: Medium or larger diameter ropes should be your first choices. The majority of rappel devices are designed for ropes up to 11 mm diameter. For a smooth rappel without a lot of jerkiness, look at the nylon ropes.

	Jugging	Hauling	Rescue	Rappelling
CanyonLux™	NR	NR	NR	GOOD
C-IV™	NR	NR	NR	GOOD
CanyonTech™	NR	NR	NR	GOOD
CanyonPrime™	NR	NR	NR	GOOD
9 mm HTP™	OK	OK	OK	OK
3/8" HTP	GOOD	BEST	GOOD	GOOD
7/16" HTP	BEST	GOOD	BEST	BEST
3/8" WorkPro™	GOOD	GOOD	GOOD	BEST
7/16" WorkPro	GOOD	GOOD	BEST	BEST
1/2" WorkPro	GOOD	GOOD	BEST	BEST
3/8" SuperStatic2™	GOOD	GOOD	GOOD	GOOD
7/16" SuperStatic2	GOOD	GOOD	BEST	BEST
9 mm SafetyPro™	OK	OK	NR	OK
10 mm SafetyPro®	OK	OK	OK	GOOD
10.5 mm SafetyPro®	GOOD	GOOD	GOOD	BEST
11 mm SafetyPro®	GOOD	GOOD	BEST	BEST

BEST This rope is one of the best options for this application.

GOOD This rope is a good choice to use for this application.

OK The rope is OK to use for this application.

NR Not recommended for the application.

*For SafetyPro specifications, see pg 57.



STERLING SPOTLIGHT

Without further belay, it's time for Rumney rehab.



Rattlesnake Mountain in central New England is world-renowned for some of the best climbing in the states. But with increased visitors and more than 700 routes up its schist rock cliffs, this climber's paradise needs more support than the US Forest Service can currently provide. Enter Mike Morin, the North East Director of the Access Fund.

Mike's leading the charge to rehab Rumney Rocks and his team is shovel-ready for the Restore Rumney Initiative. "Sterling doubled-down on its commitment to stewardship," Mike said recently. "They're the first brand to throw their support behind the project." Hopefully it's the first domino in a beautiful restoration to come and others begin to follow suit.



Protect America's Climbing

Name: Access Fund
Project: Rumney Rocks, NH
Insta: @accessfund

Today, 1 in 5 climbing areas are threatened. The Access Fund is dedicated to keeping climbing areas open and conserving their rich environments.



STERLING

Kyle McCabe, Certified Rouserator for USA Climbing and ISA International, Certified Adhonia

THE JOYS OF THE GYM

GYM WALL ROPES

Our gym wall ropes have been designed and built specifically for the constant use and repeated falls (often in the same spot) that happen each and every day in gyms around the country.

Ideal Top Rope

ReVO™ 10.1 mm

Weight (g/m): 65
Length: 30, 40, 100, 200 m

The Gym ReVO rope is a semi-static rope for top-rope use only. It is 100% nylon with an innovative double-braid core that provides the perfect amount of energy absorption and durability needed for the taller walls in today's gyms.

EN 1981: Type A

This is a Semi-Static Rope for Top-Rope Use Only



Blue



Red



Yellow

Great Handling, Low Elongation

Phenom™ 10.3 mm

Weight (g/m): 67
Static Elongation (%): 6.5
Length: 25, 30, 100, 200 m

Built for top rope or lead climbing in today's modern, high-traffic gyms, the Phenom is made to last and perform. With a 10.3 mm diameter, this rope hits the sweet spot for handling, durability, and compatibility with belay devices.

UIAA 101
EN 892



Blue



Red



Yellow

Durable Lead Rope

Slim Gym™ 10.1 mm

Weight (g/m): 63
Static Elongation (%): 8.5
Length: 25, 30, 100, 200 m

A light and easy-handling rope for gym lead climbing, Slim Gym is a good choice for the most demanding indoor routes where a low-profile, light rope is best.

UIAA 101
EN 892



Orange



Blue



Red

Thick Diameter, Extreme Durability

Big Gym™ 10.7 mm

Weight (g/m): 70
Static Elongation (%): 9.0
Length: 25, 30, 100, 200 m

A meaty gym rope that is easy to grab and handle. Designed for heavy industrial use and adventure course applications.

UIAA 101



Orange



Yellow



NEW Purple

Gym Holds



Gym Volume

A fun and challenging addition to your well-configured climbing wall. Our gym volume comes in our signature purple and yellow Sterling gym colors and measures approximately 36" tall x 27" wide x 6.5" deep.



Gym Holds

Our unique climbing holds are made in the USA. They come in packages of five, one of which is our custom Sterling Logo hold. Available in purple.



NEW

PermaDraw

Length: 13"

Steel-alloy carabiner with a bent aluminum gate and zinc-plated keeper pin with set screw for easy replacement. The galvanized aircraft cable is protected by a hyper-durable shrinktube while the quicklink is a zinc-plated steel alloy.

The Official Gym Rope of:



For a full listing of our gym and retail partners, visit SterlingRope.com.



STERLING SPOTLIGHT

Sometimes it's not about the climb.

Growing up thirsty for adventure Josh Huckaby would read Outside magazine front to back and again, like kids today read their Instagram. "It made me want to go out there and climb the big routes in the mountains and surf the best waves I could find," Josh told us. "So ... I created a life geared toward searching for that kind of adventure."

Today, he is among an exclusive group of people who have served on Yosemite Search and

Rescue (YOSAR). As a former YOSAR member, he was part of the park's elite emergency team that's on call to assist in any emergency. Josh fell in love with Sterling Ropes while climbing the "Ragni" route on the west face of Cerro Torre, on a pair of 7.8 mm DryXP Photons. "You want to know your ropes are made by someone who cares when you're dangling off the side of El Cap." It's all about the trust.



Name: Josh Huckaby
Home: Bishop, CA
Insta: @oceangoingmonkey

Rescues have a long-standing history in Yosemite, dating back to the park's establishment in 1890. Each year an average of 200 visitors are lost, injured or die in the rugged environment.



SYSTEMS

Our kits and systems are designed to work for lifting, hauling and rescue scenarios: all situations where they must work consistently and flawlessly.

Mini-Hauler

Load rated for 140 kg (310lbs)

1 m (3.3 ft) length

MBS: 1,142 lb

This system is lightweight, compact and simple to use. The HaulerBiners create a 6:1 or 7:1 mechanical advantage and the progress capture camming unit allows for secure raising and easy lock off. The mesh sleeve surrounding the 6 mm cord prevents tangling during storage and deployment.

Kit includes:

- (1) HaulerBiners (2 in kit)
- (2) 6 mm cord
- (3) Mesh Sleeve



Pico™ Crevasse Rescue Kit

5:1 Mechanical Advantage Kit

This 5:1 pulley system is compact for quick storage and transport, and can be easily deployed for reliable and safe rescue scenarios.

Kit includes:

- (1) 15.5 m of 6 mm TRC™ Cord w/ sewn eye
- (2) Pico™ Double Pulleys (2 in kit)
- (3) Osprey™ Oval Screwlock carabiners (2 in kit)
- (4) 48" 12 mm HMPE Sling
- (5) 6.8 mm HollowBlock2™
- (6) 8.5" 5 mm TRC™ Prusik
- (7) Pico Crevasse Bag



AZTEK™ Elite

Weight: 3.8 lb / MBS: 8,093 lb (NFPA - General version)

A compact, multi-functional rescue kit, this portable mechanical advantage system includes all the gear you need to create a 4:1 or 5:1 system, and fits into a pouch-style bag that clips around your waist.

Kit includes:

- (1) **AZTEK Omni Block Swivel Pulleys** (2 in kit)
MBS: 8,093 lb, EN 12278
- (2) **50' of 8 mm Edge Restraint with Sewn Eye**
MBS: 3,147 lb
- (3) **6 mm Sewn Ratchet Prusiks** (2 in kit)
- (4) **SafeD™ Carabiner** (3 in kit) MBS: 6,295 lb
- (5) **8 mm Steel Screwlink**
- (6) **6 mm Travel Restraint**
- (7) **AZTEK Carrying bag**



System Certification NFPA 1983:
General Use Auxiliary System (w/o carabiners)

Pocket Hauler™

4:1 or 5:1 Mechanical Advantage Kit

A pocket-sized mechanical advantage system, the Pocket Hauler can create a 4:1 or 5:1 increase in force depending on the orientation. This multi-purpose kit is easy to set up and use in a variety of applications.

Kit includes:

- (1) **SR Mini-Double pulleys** (2 in kit)
Machined aluminum pulleys are prusik-minding and provide efficient mechanical advantage. MBS: 4,946 lb, EN 12278
- (2) **50' of 8 mm cord with sewn eye**
- (3) **Hawk™ autolock carabiners** (2 in kit)
Asymmetrical D-shaped carabiner made from high-quality aluminum. MBS: 6,295 lb
- (4) **6 mm sewn ratchet prusik**
- (5) **8 mm Screwlink**
- (6) **Carrying bag**
Dual compartment for separating the pulley system and Edge Restraint cord.



A close-up photograph of a climbing carabiner and rope. The carabiner is metallic and has a green textured grip. The rope is orange and white. The background is a blurred rock face. The text "ALL-IMPORTANT ACCESSORIES" is overlaid in large white letters.

ALL-IMPORTANT ACCESSORIES

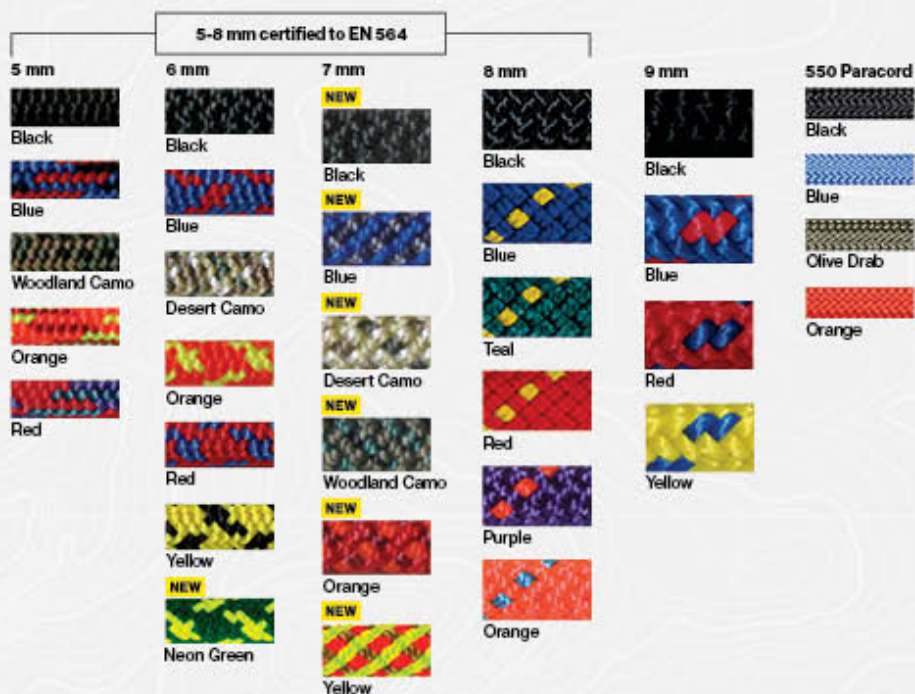
Sterling has been making high-quality, reliable and diverse cordage and sewn products as long as we've been making our legendary static and dynamic ropes. These products receive the same research, development, and attention to detail as our rope, because they are called on to perform critical tasks in variable conditions.



STERLING

Accessory Cords

Our smaller, multi-use cords have come to be well-respected and sought-after in their own right. Accessory cords are designed and produced with the same construction methods and high-quality yarns as our ropes. Many cords come in a variety of pre-cut lengths or spools for additional convenience.



GloCords™

The same properties as our standard accessory cord but with a reflective tracer braided into the sheath, make this cord vibrant when light hits it, which is ideal for low light conditions.

2.75 mm	3 mm	4 mm	5 mm
Black	Black	Black	Black
Orange	Blue	NEW Green	Orange
NEW Blue	Red		
NEW Neon Yellow	NEW Yellow		

Packaged Cords



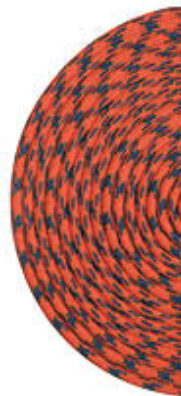
Convenient pre-cut lengths of some of our most popular cord types. Available in cordelette lengths.

25, 50, 100', and cordelette lengths



This bag is 100% biodegradable.

High-Tenacity Cords



Some situations require high strength from a small diameter cord. Sterling developed our High-Tenacity Cord line to answer these requirements.

We make five distinct High-Tenacity Cord models: TRC™, XTec™, V-TX™, TVac™, and PowerCord™. Each features a unique construction utilizing a different set of materials; each tuned for a given set of conditions and recommended uses.

PowerCord in orange shown.

For full lineup and specifications of High-Tenacity Cords, see pg 58.

Sewn Cord

NEW

HollowBlock2™



MBS: 3,147 lb
13.5, 19" lengths

Our bestselling friction hitch and autoblock has been redesigned with a stronger aramid fiber. The 6.8 mm HollowBlock2 is made of 100% Technora® fiber for increased abrasion resistance and improved durability. It's gripping ability comes from the unique hollow-braid construction, for use as a prusik or Klemheist hitch on ropes 7 mm or larger.



Purcell™

MBS: 2,810 lb
20" (blue), 42" (green), 68" (orange) lengths

A versatile sewn cord solution for ascending, anchor attachment and much more. Our sewn 6 mm Purcell's strength, durability and adjustability shine.



8 mm Bound Loop Prusik™

MBS: 4,496 lb
Certified: EN 795 B
16, 22" lengths

Provides progress capture and tandem prusik belay for rope rescue. Does away with bulky, time-consuming knots with its sewn loop construction.



AutoBlocks™

MBS: 2,810 lb
13.5" length

A quick and easy option to back up the rappel. Made from our 6 mm cord, the AutoBlock attaches from the harness to the brake-hand end of a rappel rope just below the rappel device and works in a prusik or Klemheist hitch.



DRAC™ Lanyard

MBS: 4,946
Certified: prEN UIAA 109: 2015
Weight: 4.2 oz/119 g

The DRAC Lanyard is the ideal anchor connection point. Using our Aero 9.2 mm dynamic rope the DRAC is durable, compact and helps to reduce impact forces in the event of a fall. Easy to use and lightweight, the DRAC is the perfect tool for anchor transitions.



NEW Phenom™ Dynamic Lanyard

SafetyPro™ Lanyard

SafetyPro™ Y-Knot Lanyard

Lanyards

Phenom: 0.4, 0.5, 0.6, 0.8 and 1 m lengths
SafetyPro: 0.6, 0.8, 1 m lengths
SafetyPro Y-Knot: 1 m and offset .65/1 m lengths

Available in static and dynamic options, our NEW Phenom™ Dynamic and Static SafetyPro lanyards allow for climbing past intermediate anchor points while remaining attached to an anchor system.

Tag Lines

Also called 'pull cords' or 'rap lines,' our small and lightweight Tag Lines come in three diameters and are most often used for doubling with a single rope to make long, full-length rappels. Proper Tag Line setup can be immensely helpful to technical climbers, but should only be attempted by climbers with the proper training and safety knowledge.

6 mm TRC™

MBS: 3,484 lb
Weight: 27.6 g/m
65, 75 m

A high-strength specialty cord that features a Technora® sheath and a nylon core. The Technora sheath provides additional strength and maximum abrasion resistance in a small-diameter, lightweight line.

7 mm TAG™

MBS: 2,765 lb
Weight: 31.9 g/m
65, 75 m

Most often used as an addition to a dynamic rope for full length rappels, or in situations where extra length is required. The 7 mm TAG has a fine balance of overall strength and predictable elongation.

EN 564

8 mm TAG™

MBS: 3,507 lb
Weight: 43 g/m
65, 75 m

Our 8 mm TAG is the lightweight alternative to carrying a second full rope and has lower elongation than the 7 mm line.

EN 564



Webbing

Our nylon and polyester webbing are available in spools of various lengths that allow you to customize your webbing needs for any project.



1" Type 18 Flat and 1" 9800 Flat

MBS: 6,000 lb / 9,800 lb
Type 18 300' spool, 9800 150' spool

Both the Type 18 and 9800 webbing are ultra high tensile webbing with maximum durability. Type 18 has a 6,000 lb MBS, and the 9800 has a 9,800 lb MBS. Great for high strength runners, slacklines and anchors. Also available in sewn slings and runners.



Blue Yellow

1" Mil-Spec Tubular

MBS: 4,000 lb
30' web wheel and 300' spool

The standard in 1" tubular nylon webbing is favored for its versatility and use in slings, anchor systems, and hasty harnesses. Sterling's webbing offers exceptional abrasion resistance and excellent knotability.



Green



2" Polyester Webbing

ABS: 4,618 lb
300' spool

Our 2" webbing is made from 100% polyester with a smooth but dense weave for high strength and easy, soft handling. Designed for general use and perfect to construct a hasty harness or for general all-purpose use.

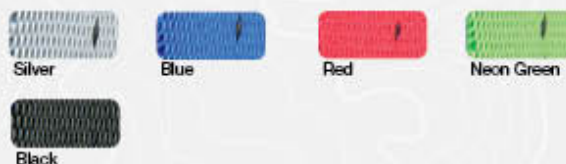


Black

1 1/16" Tubular

MBS: 3,000 lb
300' spool

Premium nylon tubular webbing features high-tensile strength in a thinner web. Great for use in slings.



Black

1" TechTape™ Tubular

MBS: 4,000 lb
300' spool

TechTape is our premium 1" nylon webbing and features a smooth, dense weave for high strength, excellent handling and knotability.



Green

Sewn Webbing

We offer our high-quality webbing in all manner of sewn products, each designed for a specific purpose and each manufactured to the highest quality standards. Used for positioning, securing hardware, building out anchors or any other specific or general task.



Chain Reactor

MBS: 5,418 lb (basket), 2,810 lb (girth/choke),
3,147 lb (end-to-end)
1 1/16" Nylon Webbing
41, 61.5" lengths
3 versions (Regular, Long and Pro)

Most frequently used for personal anchor connections and extending rappel devices and used in gym environments for floor anchors, the Chain Reactor is a versatile alternative to a traditional daisy chain. Made from our nylon webbing, each individual loop is full strength and can withstand and absorb impact forces. The Pro version has a doubled girth loop, and the Long version features four additional sling loops.

EN 795 B



Nylon Slings

MBS 1" Flat: 11,240 lb
MBS 1" Tubular and 1 1/16": 5,170 lb
12, 24, 30, 36, 48, 72, 96, 120" lengths

Our Nylon slings are offered in 3 different styles and diameters using precisely programmed tack-stitching to guarantee high quality and strength for a myriad of uses.

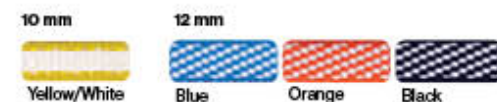
EN 566



HMPE Slings

MBS: 5,170 lb
10 mm, 12 mm
10, 24, 30, 48" lengths

HMPE slings offer significant performance advantages over traditional runners. They are lightweight, have high cut-resistance, are extremely strong, and resist moisture. These features make them perfect for alpine climbing.





HARD- WORKING HARDWARE

Our hardware is designed to improve real-world functionality and offer greater strength and longevity.



STERLING



Mini Pulleys

Single or Double versions available
Compatible w/ ropes 8.5-11.0 mm

Strong and lightweight, the aluminum Mini Pulleys have a prusik-minding design and are easy to set up in a variety of configurations.



Pico™ Double Pulley

3.3 oz
Compatible w/ ropes up to 8.5 mm

Made from high-quality machined aluminum and roughly the size of a golf ball, the Pico features sealed ball bearings and prusik-minding capabilities for reliable performance in all conditions. A balanced side plate design allows for single pulley use.



ATS™ Device

Compatible w/ ropes 7.5-11.2 mm
Weight: 3.2 oz

The ATS device is a versatile belay and rappel device designed for ski patrol, mountain rescue and canyoneering. This unique device accommodates the need for friction settings as well as brake assist belay options and is better than a figure eight.



NEW

Steel ATS™ Device

Compatible w/ ropes 7.5-11.2 mm
Weight: 10.5 oz

For avid canyon guides and enthusiasts who prefer the most durable and versatile device on the market, the Steel ATS is the right choice. Rigorous testing shows the Steel ATS to be 5x more abrasion resistant than the standard aluminum version. The stainless steel construction also makes the Steel ATS rust and corrosion resistant.



NEW

PermaDraw

Length: 13"

Steel-alloy carabiner with a bent aluminum gate and zinc-plated keeper pin with set screw for easy replacement. The galvanized aircraft cable is protected by a hyper-durable shrinktube while the quicklink is a zinc-plated steel alloy.

Carabiners



Most carabiners are available in either autolock or screwlock closures.



Falcon™/Falcon Talon™ Carabiner

Small pear-shaped

A compact pear-shaped carabiner suitable for multiple uses. The Talon option features a wire-gate captive eye that clutches the belay loop to reduce the risk of cross-loading. Available in screwlock and autolock.



Eagle™ Carabiner

Large pear-shaped

A large profile and user-friendly pear shape that resists snagging on gear or rope make the Eagle a go-to carabiner for virtually any usage in climbing applications. Available in screwlock and autolock.



Osprey™ Carabiner

Oval-shaped

Key lock, multipurpose design with a classic oval shape that is user-friendly. Available in screwlock and autolock.



Hawk™ Carabiner

Asymmetric D-shaped

Asymmetrical D-Shaped, key lock, multipurpose design. Available in screwlock and autolock.



SafeD™ Carabiner

Asymmetric D-shaped

Asymmetrical D-Shaped removable, threaded, captive eye pin. Available in 2-stage twistlock and 3-stage autolock.



Steel Carabiner

Asymmetric D-shaped

For big loads, forged steel alloy in an asymmetrical D-shape for ease of use and incredible strength. Screwlock and autolock available.



STERLING SPOTLIGHT

Adaptive isn't a label, it's a state of mind.

In filmmaker Taylor Zann's new documentary, *Adaptive*, Jim Ewing – a rope engineer and below-the-knee amputee – enlists professional climber, Maureen Beck – born without her left hand – to attempt the first all-adaptive ascent of the über classic and deeply remote Lotus Flower Tower (5.10+) in Canada's Cirque of the Unclimbables. As their inspiring adventure unfolds, Zann proves that the ability to adapt is universal and we're all united by it.

"Rock climbing is a playground for storytelling," the director told us recently. "You've got the age-old 'man versus mountain' archetype plus characters with very obvious goals. But what if they had to adapt before they even started their pursuit? What if everything they did was some form of adapting? That's what this film is really about: two strong climbers adapting to everything life throws at them with all the comedy and drama a movie lover could hope for."



Name: Jim Ewing
Stats: 20-yr Sterling
Employee, Rope Engineer
& Technical Advisor
Insta: @jimewing



Name: Maureen Beck
Stats: Maine Native
& Sterling Athlete
Insta: @mo.in.mountains



Name: Taylor Zann
Stats: Director
& Cinematographer
Insta: @taylor_zann



STERLING



Sterling Logo T-Shirts

Our classic logo shirt is available in unisex and women's cuts in several colors



Blue



Purple



Grey



Women's Blue

MERCHANDISE



Bouldering is Dumb T-Shirt

We don't think that people who boulder are dumb, just that they have serious problems to work through! Support your roped-up community by climbing smarter with the climb-ready Sterling "Bouldering is Dumb" shirts and tanks. Available in both men's and women's cuts, and in a variety of colors.



Sterling Brandanas

The brandana is your classic multifunctional headwear that now comes with the Sterling Logo. A simple yet versatile tool for any arborist, climber or firefighter. Wear it as a neck gaiter, head scarf, or face shield from the elements. Polyester-blend performance fabric. One size fits most.



Beanie and Pom-Pom Hats

Keep your head warm this winter with the Sterling logo hats.



Mesh Cap

A modern adjustable ballcap with blue stitching for the logo and a gray, mesh snap-back. Hat made by Richardson.



Sterling Onesie

The perfect gift for the youngest members of the Sterling Rope tribe, this onesie is made from 100% cotton, and available in 6 and 12 month sizing.



Sterling Dog Leash

This high-performance leash is made from repurposed Sterling rope shorts for the crag dog in your life. 6-feet in length and includes a brass snaphook swivel attachment point. Made in the USA.

Technical Specs

Dynamic Ropes

Photon™ 7.8 mm ½ ① ②

Length: 30, 40, 50, 60, 70, 80 m



Purple



Orange

UIAA Falls
5 | 16
Weight (g/m)
40

Dynamic Elongation (%)
32.8 | 29.4
Static Elongation (%)
8.4 | 5.0

Impact Force (kN)
5.6 | 8.7
Sheath (%)
45

Duetto™ 8.4 mm ½ ① ②

Length: 30, 40, 50, 60, 70 m



Neon Green



Orange

UIAA Falls
6 | 16
Weight (g/m)
45

Dynamic Elongation (%)
30.7/28.7
Static Elongation (%)
11.2/6.3

Impact Force (kN)
6.2/9.3
Sheath (%)
40

Nano IX™ 9.0 mm ① ½ ② ③

Length: 30, 40, 50, 60, 70, 80 m



Bicolor Orange



Bicolor Purple



Blue



Green



Orange



Bicolor Olive Drab



Bicolor Tan

UIAA Falls
6 | 16 | >20
Weight (g/m)
52

Dynamic Elongation (%)
33.1 | 27.6 | 25.3
Static Elongation (%)
7.0 | 7.0 | 3.6

Impact Force (kN)
8.5 | 6.6 | 10.4
Sheath (%)
29

Aero™ 9.2 mm ① ½ ② ③

Length: 50, 60, 70, 80 m



Bicolor Blue



NEW Bicolor Red



NEW Yellow



NEW Orange



Neon Green



Bicolor Tan



Bicolor Olive Drab

UIAA Falls
7 | 21 | >20
Weight (g/m)
56

Dynamic Elongation (%)
30.2/28.9/23.6
Static Elongation (%)
7.5/6.6/6.1

Impact Force (kN)
8.8/8.6/10.1
Sheath (%)
41

Ion R™ 9.4 mm ①

Length: 40, 50, 60, 70, 80 m



Bicolor Red



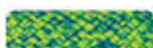
Bicolor Blue



Orange



NEW Teal



Green



Blue



Red



Olive Drab

UIAA Falls
5
Weight (g/m)
57

Dynamic Elongation (%)
33.1
Static Elongation (%)
7.2

Impact Force (kN)
8.7
Sheath (%)
39

Helix™ 9.5 mm ①

Length: 40, 50, 60, 70, 80 m



Bicolor Blue



NEW Bicolor Orange



Neon Green



Orange



NEW Blue



Yellow

UIAA Falls
7
Weight (g/m)
59

Dynamic Elongation (%)
31.9
Static Elongation (%)
7.2

Impact Force (kN)
8.9
Sheath (%)
41

NEW

Quest™ 9.6 mm ①

Length: 40, 50, 60, 70, 80 m



Bicolor Blue



Bicolor Orange



Neon Green



Blue



Red

UIAA Falls
8
Weight (g/m)
60.1

Dynamic Elongation (%)
Pending certification
Static Elongation (%)
Pending certification

Impact Force (kN)
9.1
Sheath (%)
33

Velocity™ 9.8 mm ①

Length: 35, 40, 50, 60, 70, 80 m



Bicolor Neon Green



Bicolor Silver



Neon Green



NEW Yellow



Orange



NEW Red



NEW Blue



Olive Drab

UIAA Falls
6
Weight (g/m)
62

Dynamic Elongation (%)
28.8
Static Elongation (%)
8.8

Impact Force (kN)
8.6
Sheath (%)
35

DryXP = Dry-treated ropes that exceed the UIAA Water Repellent Standard. See pg 13 for details.

Sterling Dynamic ropes are certified to EN 892 and UIAA 101, except for Big Gym which is only certified to UIAA 101

Dynamic Ropes

VR9™ 9.8 mm ①

Length: 40, 50, 60, 70 m



Orange



Green

UIAA Falls

6

Dynamic Elongation (%)

28.6

Impact Force (kN)

8.6

Weight (g/m)

62

Static Elongation (%)

8.8

Sheath (%)

35

Pro™ 10.1 mm ①

Length: 50, 60, 70, 80 m



Bipattern Blue



Blue



Red



NEW Neon Green



Orange



Olive Drab

UIAA Falls

6

Dynamic Elongation (%)

35.3

Impact Force (kN)

8.9

Weight (g/m)

63

Static Elongation (%)

8.5

Sheath (%)

42

VR10™ 10.2 mm ①

Length: 60, 70 m



Blue



Red

UIAA Falls

8

Dynamic Elongation (%)

31.7

Impact Force (kN)

9.0

Weight (g/m)

67

Static Elongation (%)

7.6

Sheath (%)

33

Phenom™ 10.3 mm ①

Length: 25, 30, 100, 200 m



Blue



Red



Yellow

UIAA Falls

11

Dynamic Elongation (%)

30.6

Impact Force (kN)

9.0

Weight (g/m)

67

Static Elongation (%)

6.5

Sheath (%)

39

Big Gym™ 10.7 mm ①

Length: 25, 30, 100, 200 m



Orange



Yellow



NEW Purple

UIAA Falls

8

Dynamic Elongation (%)

36.1

Impact Force (kN)

8.6

Weight (g/m)

70

Static Elongation (%)

9.0

Sheath (%)

38

Mega™ 11.2 mm ①

Length: 25, 30, 100, 200 m



Purple



Black



Olive Drab

UIAA Falls

9

Dynamic Elongation (%)

31.8

Impact Force (kN)

8.7

Weight (g/m)

79

Static Elongation (%)

9.4

Sheath (%)

37

DryXP = Dry-treated ropes that exceed the UIAA Water Repellent Standard. See pg 13 for details.

Canyon Ropes

CanyonLux™ 8.0 mm

Length: 30, 46, 61, 92, 200 m



Green



Blue

Diameter (mm)
8.0
Weight (g/m)
41.2

MBS Rating (lb)
5,440
MBS Rating (kN)
24.2

Elongation at 300 lb (%)
3.3
Sheath Slippage (%)
0.0

CanyonPrime™ 8.5 mm

Length: 30, 46, 61, 92, 200 m



Orange



Blue

Diameter (mm)
8.5
Weight (g/m)
56.4

MBS Rating (lb)
3,821
MBS Rating (kN)
17.0

Elongation at 300 lb (%)
1.7
Sheath Slippage (%)
0.4

C-IV™ 9.0 mm

Length: 30, 46, 61, 92, 200 m



Green



Orange

Diameter (mm)
9.0
Weight (g/m)
46.9

MBS Rating (lb)
4,653
MBS Rating (kN)
20.7

Elongation at 300 lb (%)
2.0

CanyonTech™ 9.5 mm

Length: 30, 46, 61, 92, 200 m



Green



Orange

Diameter (mm)
9.5
Weight (g/m)
63.0

MBS Rating (lb)
6,744
MBS Rating (kN)
30

Elongation at 300 lb (%)
3.4
Sheath Slippage (%)
0.0

Gym Wall Ropes

ReVO™ 10.1 mm (THIS IS A SEMI-STATIC ROPE)

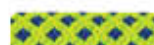
Length: 30, 40, 100, 200 m



Blue



Red



Yellow

Weight (g/m)
65
Elong. (50 kg to 150 kg) (%)
4.0

Impact Force (kN @ FF .3)
4.7
MBS Rating (lb)
5,754

MBS Rating (kN)
25.6
Sheath Slippage (%)
0.0

Slim Gym™ 10.1 mm

Length: 25, 30, 100, 200 m



Orange



Blue



Red

UIAA Falls
6
Weight (g/m)
63

Dynamic Elongation (%)
35.3
Static Elongation (%)
8.5

Impact Force (kN)
8.9
Sheath (%)
42

Phenom™ 10.3 mm

Length: 25, 30, 100, 200 m



Blue



Red



Yellow

UIAA Falls
11
Weight (g/m)
67

Dynamic Elongation (%)
30.6
Static Elongation (%)
6.5

Impact Force (kN)
9.0
Sheath (%)
39

Big Gym™ 10.7 mm

Length: 25, 30, 100, 200 m



Orange



Yellow



Purple

UIAA Falls
8
Weight (g/m)
70

Dynamic Elongation (%)
36.1
Static Elongation (%)
9.0

Impact Force (kN)
8.6
Sheath (%)
38

Static Ropes

3/8" WorkPro™

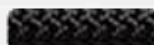
Length: 46, 61, 92, 200 m



Red



White



Black

Diameter (mm)
10.0
Weight (lb/100')
4.5

MBS Rating (lb)
6,519
MBS Rating (kN)
29.0

Elongation at 300 lb (%)
3.5

7/16" WorkPro

Length: 46, 61, 92, 200 m



Red



Blue



Neon Green



White



Black

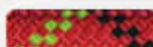
Diameter (mm)
11.0
Weight (lb/100')
5.6

MBS Rating (lb)
8,092
MBS Rating (kN)
36.0

Elongation at 300 lb (%)
3.5

1/2" WorkPro

Length: 46, 61, 92, 200 m



Red



Blue



Neon Green



White



Black

Diameter (mm)
12.5
Weight (lb/100')
7.4

MBS Rating (lb)
10,116
MBS Rating (kN)
45.0

Elongation at 300 lb (%)
2.5

3/8" SuperStatic2™

Length: 46, 61, 92, 183, 200 m



Blue



Red



White



Black



Olive Drab

Diameter (mm)
9.5
Weight (lb/100')
4.2

MBS Rating (lb)
4,945
MBS Rating (kN)
22.0

Elongation at 300 lb (%)
3.3

7/16" SuperStatic2

Length: 46, 61, 92, 183, 200 m



Blue



Red



White



Yellow



Orange



Black

Diameter (mm)
11.0
Weight (lb/100')
4.5

MBS Rating (lb)
6,519
MBS Rating (kN)
29.0

Elongation at 300 lb (%)
3.2

1/2" SuperStatic2

Length: 46, 61, 92, 183, 200 m



Blue



Red



Orange



Black



White



Yellow

Diameter (mm)
12.5
Weight (lb/100')
6.8

MBS Rating (lb)
9,239
MBS Rating (kN)
41.1

Elongation at 300 lb (%)
1.5

5/8" SuperStatic2

Length: 46, 61, 92, 183, 200 m



Blue



Red



White



Black

Diameter (mm)
16.0
Weight (lb/100')
10.7

MBS Rating (lb)
12,364
MBS Rating (kN)
55.0

Elongation at 300 lb (%)
1.4

Sterling SuperStatic2 ropes
are certified to NFPA 1983
3/8", 7/16" Technical
1/2", 5/8" General

Static Ropes

9 mm HTP™

Length: 46, 61, 92, 183, 200 m



Diameter (mm)	MBS Rating (lb)	Elongation at 300 lb (%)
9.0	4,496	1.6
Weight (lb/100')	MBS Rating (kN)	
4.3	20.0	

3/8" HTP

Length: 46, 61, 92, 183, 200 m



Olive Drab	Orange	Red	Black
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Diameter (mm)	MBS Rating (lb)	Elongation at 300 lb (%)
10.0	5,979	1.4
Weight (lb/100')	MBS Rating (kN)	
5.3	26.6	

7/16" HTP

Length: 150, 165, 200, 300, 600, 660' | 46, 50, 61, 92, 183, 200 m



Diameter (mm)	MBS Rating (lb)	Elongation at 300 lb (%)
11.0	6,856	1.9
Weight (lb/100')	MBS Rating (kN)	
6.5	30.5	

1/2" HTP

Length: 150, 165, 200, 300, 600, 660' | 46, 50, 61, 92, 183, 200, 366 m



Diameter (mm)	MBS Rating (lb)	Elongation at 300 lb (%)
12.5	9,081	1.0
Weight (lb/100')	MBS Rating (kN)	
8.0	40.4	

5/8" HTP

Length: 150, 165, 200, 300, 600, 660' | 46, 50, 61, 92, 183, 200 m



Diameter (mm)	MBS Rating (lb)	Elongation at 300 lb (%)
16.0	12,993	1.6
Weight (lb/100')	MBS Rating (kN)	
12.5	57.8	

Sterling HTP ropes are certified to NFPA 1983

3/8", 7/16" Technical
1/2", 5/8" General

Static Ropes

9 mm SafetyPro™ Length: 165, 200, 300, 600, 660' | 50, 61, 92, 183, 200 m



Elongation at 300 lb (%)	Sheath Slippage (%)	MBS Rating (lb)
1.9	0.0	4,271
Weight (lb/100')	Impact Force (kN @ FF .3)	MBS Rating (kN)
3.4	4.4	19.0

10 mm SafetyPro Length: 150, 200, 300, 600, 660' | 50, 61, 92, 183, 200 m



Elongation at 300 lb (%)	Sheath Slippage (%)	MBS Rating (lb)
4.5	0.0	5,575
Weight (lb/100')	Impact Force (kN @ FF .3)	MBS Rating (kN)
4.2	5.8	24.8

10.5 mm SafetyPro Length: 150, 200, 300, 600, 660' | 50, 61, 92, 183, 200 m



Elongation at 300 lb (%)	Sheath Slippage (%)	MBS Rating (lb)
2.8	0.0	6,114
Weight (lb/100')	Impact Force (kN @ FF .3)	MBS Rating (kN)
4.7	5.9	27.2

11 mm SafetyPro Length: 150, 200, 300, 600, 660' | 50, 61, 92, 183, 200 m



Elongation at 300 lb (%)	Sheath Slippage (%)	MBS Rating (lb)
3.3	0.0	7,306
Weight (lb/100')	Impact Force (kN @ FF .3)	MBS Rating (kN)
5.1	5.9	32.5

Water Rescue Ropes

WaterLine™ Length: 75, 150, 200, 300, 600, 660' | 23, 46, 61, 92, 183, 200 m



5/16" Waterline Specs		
Diameter (mm)	MBS Rating (lb)	Elongation at 300 lb (%)
8.0	1,596	7.0
Weight (lb/100')	MBS Rating (kN)	
2.1	7.1	

3/8" Waterline Specs		
Diameter (mm)	MBS Rating (lb)	Elongation at 300 lb (%)
9.5	3,416	4.2
Weight (lb/100')	MBS Rating (kN)	
3.3	15.2	

7/16" Waterline Specs		
Diameter (mm)	MBS Rating (lb)	Elongation at 300 lb (%)
11.0	4,271	2.6
Weight (lb/100')	MBS Rating (kN)	
4.3	19.0	

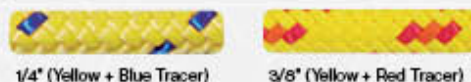
1/2" Waterline Specs		
Diameter (mm)	MBS Rating (lb)	Elongation at 300 lb (%)
12.5	5,754	1.8
Weight (lb/100')	MBS Rating (kN)	
5.2	25.6	

GrabLine™ Length: 75, 300, 600, 660' | 23, 92, 183, 200 m



3/8" GrabLine Specs		
Diameter (mm)	MBS Rating (lb)	Elongation at 300 lb (%)
9.5	3,282	4.2
Weight (lb/100')	MBS Rating (kN)	
3.1	14.6	

UltraLine™ Length: 75, 150, 200, 300, 600, 660' | 23, 46, 61, 92, 183, 200 m



1/4" UltraLine Specs		
Diameter (mm)	MBS Rating (lb)	Elongation at 300 lb (%)
6.5	2,495	1.4
Weight (lb/100')	MBS Rating (kN)	
1.3	11.1	

3/8" UltraLine Specs		
Diameter (mm)	MBS Rating (lb)	Elongation at 300 lb (%)
9.5	5,237	1.2
Weight (lb/100')	MBS Rating (kN)	
2.6	23.3	

Sterling WaterLine and GrabLine ropes are certified to NFPA 1983

3/8" WaterLine Throwline
3/8" GrabLine Throwline

Cordage

High-Tenacity Cord					Lanyards			Accessory Cord (including GloCords™)			
Name/Diameter	MBS (lb)	(kN)	CE EN 564	Fibers (sheath/core)	Name	MBS (lb)	(kN)	Name/Diameter	MBS (lb)	(kN)	CE EN 564
5.4 mm V-TX Cord™	3,372	15.0	No	Polyester/HMPE	Marathon™ Lanyard	3,822	17	1.5 mm	118	0.5	No
5.9 mm PowerCord™	4,384	19.5	Yes	Nylon/Technora™	SafetyPro™ Lanyard	5,170	23	2 mm	225	1.0	No
6 mm XTec™	4,721	21.0	No	100% Technora	Y-Knot™ Lanyard	5,170	23	2.75 mm	270	1.2	No
6 mm TRC™	3,484	15.5	No	Technora/Nylon				3 mm	472	2.1	No
6.8 mm TVac™	3,619	16.1	No	Technora/Nylon				4 mm	876	3.9	No
								5 mm	1,146	5.1	Yes
								6 mm	1,843	8.2	Yes
								7 mm	2,765	12.3	Yes
								8 mm Prusik	3,574	15.9	Yes
								9 mm	3,102	13.8	No
								Paracord	550	2.4	No

Tag Lines					Sewn Cord		
Name/Diameter	MBS (lb)	Static Elong. (%)	Weight (g/m)	Fibers (sheath/core)	Name/Diameter	MBS (lb)	(kN)
6 mm TRC	3,484	1.7	27.6	Nylon/Technora	Purcell™	2,810	12.5
7 mm TAG™	2,765	3.5	31.9	Nylon/Nylon	HollowBlock2™	3,147	14.0
8 mm TAG™	3,507	2.3	43.0	Nylon/Nylon	6 mm AutoBlock™	2,810	12.5
					7 mm Sewn Cordelette	3,822	17.0
					8 mm Bound Loop Prusik	4,496	20.0

Hardware

Carabiners							Pulleys					
Name	Major Axis (kN)	Minor Axis (kN)	Open Gate (kN)	Gate Size (mm)	NFPA 1983	CE EN 12275	Name	End-to-End MBS (kN)	Sheave MBS (kN)	Max Diameter (mm)	NFPA 1983	CE EN 12278
ASD w/ Pin*	30	16	9	15	Yes	No	AZTEK™ Omni Block	36	9	8	No	Yes
Eagle™ AL	25	7	7	27	No	No	SR MSP	17	8.5	11	No	No
Eagle SL	25	7	7	27	No	No	SR MDP	22	5.5	11	No	No
Falcon™ AL	25	7	7	23	No	No	SR PMP	36	18	13	Yes	No
Falcon ALT	25	7	7	23	No	No	SR PMP2	44	11	13	Yes	No
Falcon SL	25	7	7	24	No	No	SR Rescue Pulley	32	16	13	Yes	No
Falcon SLT	25	7	7	24	No	No	Pico™ Double Pulley	--	--	8.5	No	No
Hawk™ AL	28	7	7	23	No	No	Single Configuration	20	10			
Hawk SL	28	7	7	24	No	No	Double Configuration	30	7.5			
Osprey™ AL	23	7	6	22	No	No						
Osprey SL	23	7	6	22	No	No						
SR Steel AL**	45	16	18	30	Yes	No						
SR Steel SL	45	15	18	32	Yes	No						
SafeD™ TL	28	11	9	25	Yes	No						
SafeD AL	28	11	9	25	Yes	No						
SR NLD™	29	10	9	27	No	No						
QuickSteel™	30	10	10	31	No	No						

Descent Control & Rigging			
Name	MBS (kN)	NFPA 1983	CE
ATS™ Device	23	No	No
SR Swivel	36	No	No
SR R8™	22	No	No
Steel ATS™	23	No	No

*Meets ANSI Z359.12 (2009)

**SR Steel AL also meets ANSI Z359.12

Webbing

Sewn Webbing			Webbing			Sewn Slings			
Name/Diameter	MBS (lb)	(kN)	Name/Diameter	MBS (lb)	(kN)	Name	MBS (lb)	(kN)	Lengths Available (in)
11/16" Daisy Chain	2,922	13.0	11/16" Tubular	3,000	13.3	10 mm HMPE sling	5,170	23	24, 48
Chain Reactor™	3,147	14.0	1" Mil-Spec Tubular	4,000	17.8	12 mm HMPE sling	5,170	23	10, 24, 30, 48
VariQuick™	5,170	23.0	1" Tech Tape Tubular	4,000	17.8	11/16" Nylon sling	5,170	23	12, 24, 30, 48
MaineStay™	5,170	23.0	1" Type 18 Flat	6,000	26.7	1" Tubular nylon sling	5,170	23	12, 24, 36, 48
3/4" ZipLink	5,170	23.0	1" Type 9800 Flat	9,800	43.6	1" Flat nylon sling	11,240	50	48, 72, 96, 120
1" 9800 Rabbit Runner	8,093	36.0	2" Polyester Webbing (ABS)	4,618	20.5				

The 8 mm Bound Loop Prusik and Chain Reactor™ are certified EN 795 B

Sterling is a certified ISO 9001 company

Sterling Rope is a certified ISO 9001 company and all of our quality control systems are third party audited to the standards we identify. Sterling maintains a rigorous in-house testing program to ensure that all current production meets the standards we publish. All minimum break strength (MBS) numbers listed here are a 3-Sigma MBS test results or are listed at the corresponding standard's minimum requirement. A 3-sigma MBS is based on a statistical analysis of the breaking strengths of a product and is reported at 3 standard deviations below the average breaking strength.

Sterling Rope guarantees five UIAA falls on all certified dynamic ropes. The numbers published are reported from our 3rd party test certificates.

The specifications listed here are believed to be correct at time of printing. We reserve the right to make modifications or corrections. For the most up-to-date technical specifications, please contact us or visit SterlingRope.com

ISO 9001 certification through SGS Yarsley.

CE 0598



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Climbing, mountaineering and all technical rope work are potentially hazardous activities and cannot be made safe. Any person using Sterling Rope equipment in any manner is personally responsible for learning the proper techniques involved, and assumes all risks and accepts full and complete responsibility for any and all damages or injuries of any kind, including death, which may result from misuse of any Sterling Rope product.

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Music by **BLAIR BORLAND** Sound Design by **CHRISTIANN BURCH**

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