



CLIMB 2018

Sterling Climb 2018

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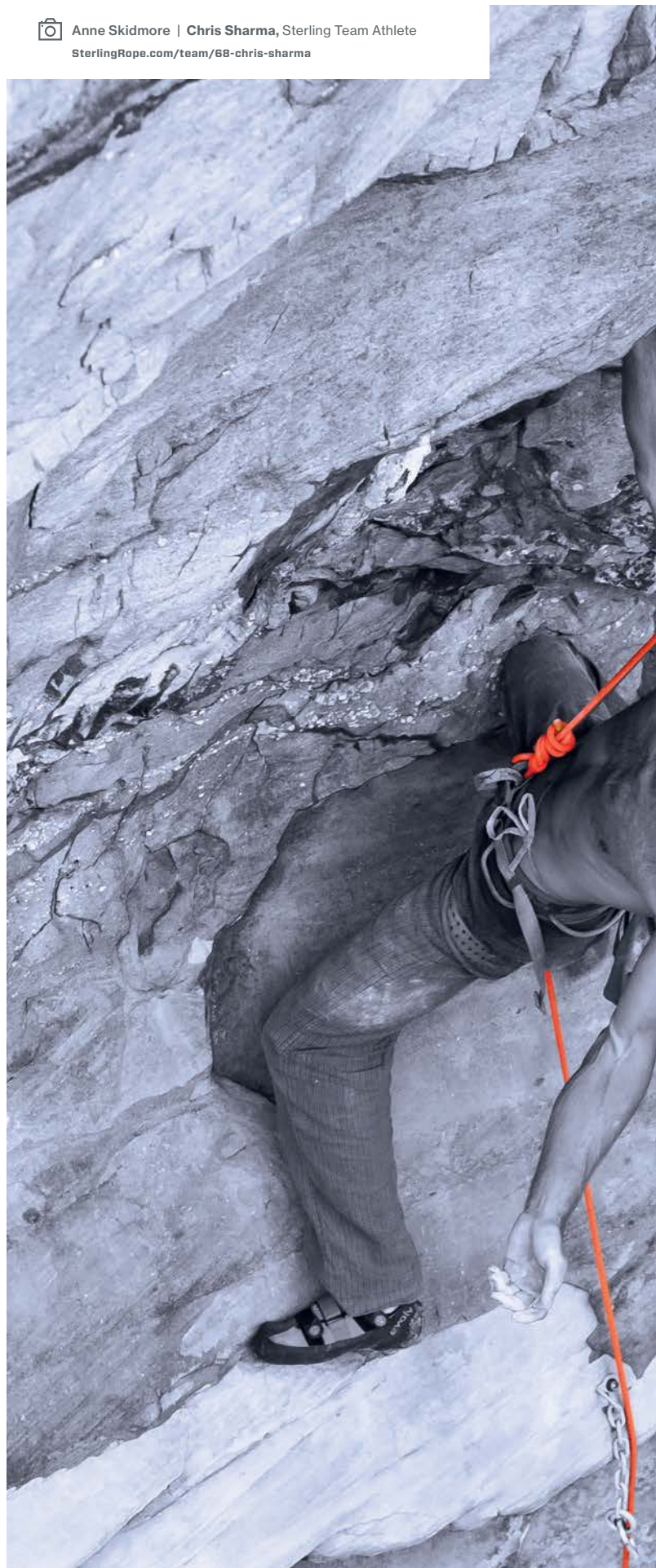
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COVER

Sonnie Trotter | Alex Megos, Sterling Team Athlete, on the first ascent of *Fightclub* (5.15b) at Ravens Crag, near Banff, Canada – SterlingRope.com/team/113-alex-megos

Jacopo Larcher | Barbara Zangri, Sterling Team Athlete in Siurana, Spain – SterlingRope.com/team/123-barbara-zangerl

Keith Ladzinski | Mike Libeck, Sterling Team Athlete, on the first ascent of *Bertha's Tower*, Queen Maud Land, Antarctica – SterlingRope.com/team/139-mike-libeck



Carolyn Brodsky

Founder & CEO

Twenty-five years is a long time and we have seen a lot of change since we started in November, 1992. There were no smartphones, no Google search, faxes were just becoming the norm, and phone calls and personal visits were how you kept in touch with customers and friends. That is when Sterling was born—at the beginning of a burgeoning market called the Outdoor Industry.

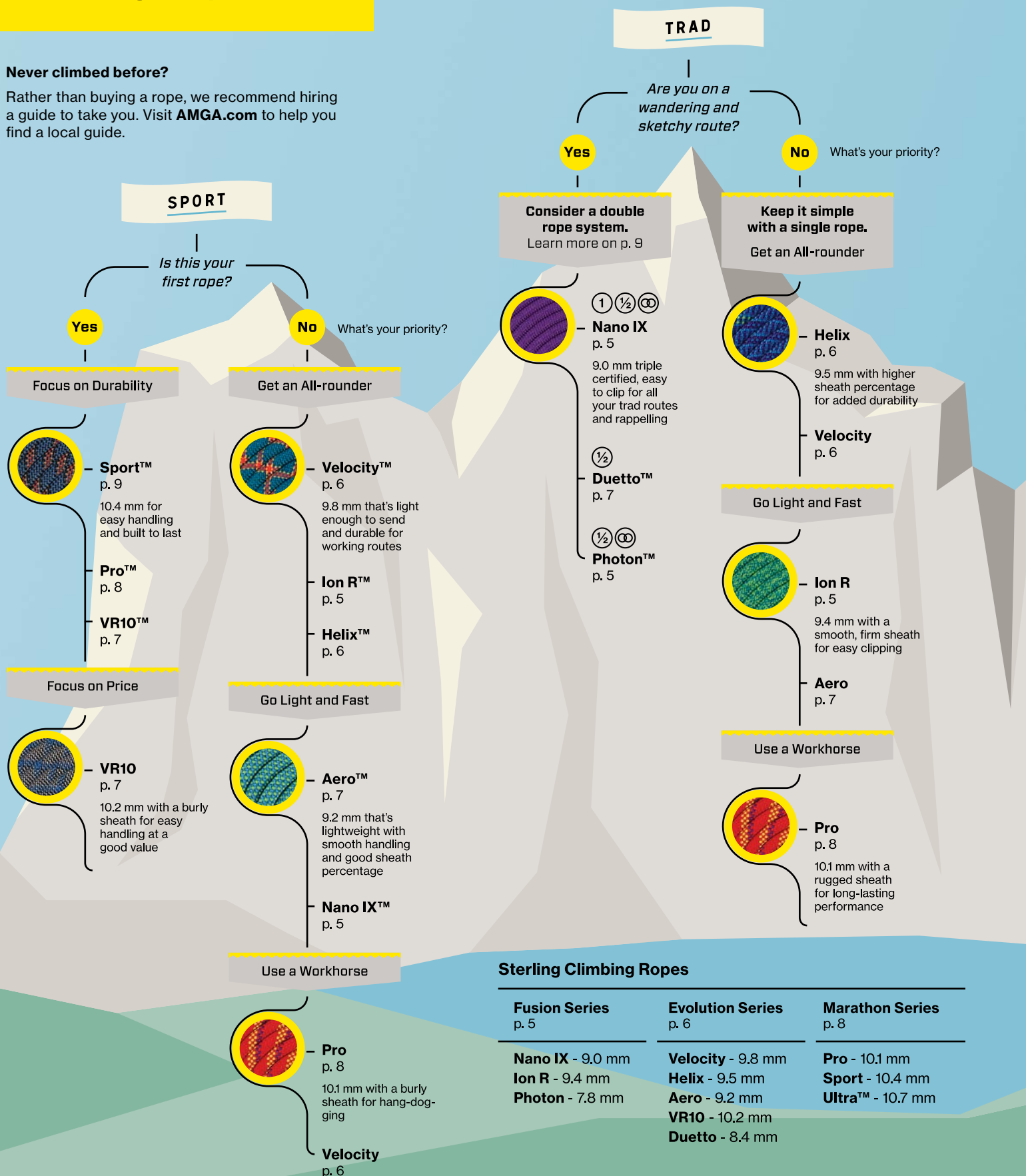
At the time we didn't realize that we were a "disruptive" company. We produced ropes that were lighter, skinnier, yet more durable. And, all of our cores were dry—at no extra cost. When there were around 20 climbing gyms in the country—with plywood walls and static ropes—we created the first gym-specific dynamic rope that lasted. Even our accessory cords were constructed differently; utilizing our innovative sewn tacks and eyes. Our ropes and cords have been to the highest peaks, on the toughest routes, in the deepest canyons. They've been used by the best climbers on the planet, and abused by the most ambitious weekend warriors. Our ropes and cords have caught millions of falls, while helping climbers, canyoneers, alpinists and mountaineers get home safely after each adventure.

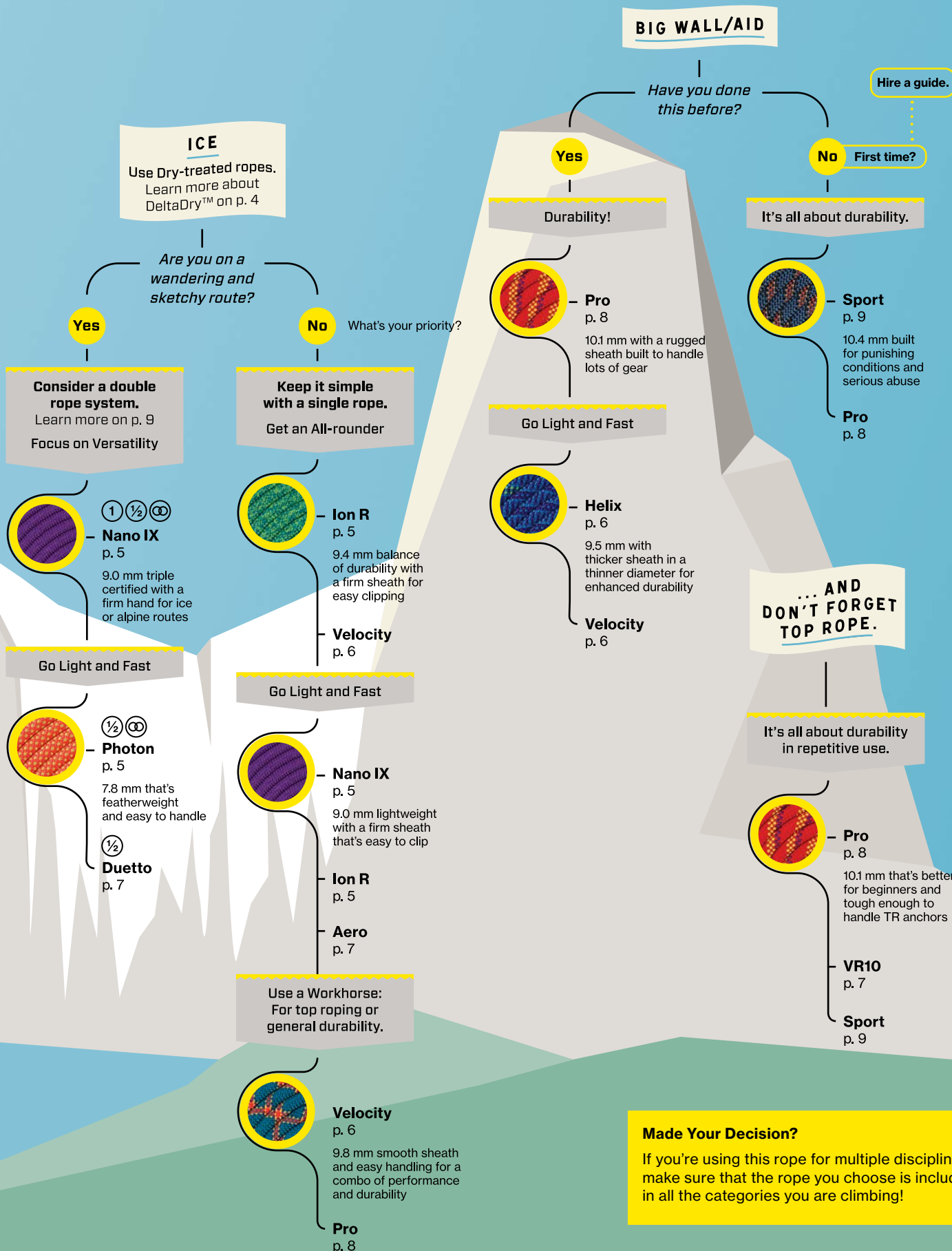
Throughout our 25-year history, we have grown not only our product line, but our people. We've seen young high school and college grads start with us, get married, have kids and send those kids to college. We've advanced folks from the production floor to supervisors and managers, from customer service to directing sales, from internships to engineers. Each of us has a passion for creating great product, a cool culture, and servicing wonderful customers. Our communities have grown along with our involvement in them. **We have a love of the outdoors and a sense of adventure. It's who we are, and why we are Sterling Solid.**

Choosing the Right Climbing Rope

Never climbed before?

Rather than buying a rope, we recommend hiring a guide to take you. Visit AMGA.com to help you find a local guide.





Dynamic Ropes

Our current generation of ropes is the culmination of 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. It's this process that led us to create the new DeltaDry treatment, the latest in a long line of Sterling innovations.

Why Dry Matters

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.

DryCore™

Every Sterling dynamic rope for the last 20 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.

DeltaDry™

Never content to sit still, we are proud to introduce our newest, most advanced dry treatment ever.

DeltaDry is an environmentally-friendly, nano-particle coating that is applied to the entire rope for the greatest possible water resistance. With in-field testing and feedback from our 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. And it does this without degrading the sought-after Sterling performance, handling and durability.



**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.

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

ROPE MODELS | Tested Absorption for DryXP Ropes

Fusion Photon™ DryXP | **3.1%**
Evolution Duetto™ DryXP | **3.9%**
Fusion Nano IX™ DryXP | **1.8%**
Evolution Helix™ DryXP | **3.0%**
Evolution Velocity™ DryXP | **1.7%**

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

Fusion™ Series

ULTRA-HIGH PERFORMANCE FOR ADVANCED CLIMBERS.

The go-to ropes for advanced climbers and the Sterling team. Weights are kept to the bare minimum and each rope is designed to have class-leading performance characteristics.

Fusion Nano IX™

9.0 mm ① ② ③
30, 40, 50, 60, 70, 80 m

DryXP™

A highly-specialized rope for your specific discipline. 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



Purple



Green



Orange

Fusion Ion R™

9.4 mm ①
40, 50, 60, 70, 80 m

DryXP optional

The latest, improved version of 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



Bicolor Blue



Green



Blue



Orange



Red

Fusion Photon™

7.8 mm ② ③
30, 40, 50, 60, 70, 80 m

DryXP

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



NEW Purple



NEW Orange

Evolution™ Series

THE GOLD STANDARD IN MULTI-PURPOSE DYNAMIC ROPES.

For over twenty years the name Sterling Evolution has been synonymous with the highest quality, most well-rounded dynamic ropes available. Constantly improved and continuously tested, Evolution ropes continue to keep our core rope series on top.



Alex Megos, Sterling Team Athlete

My favorite Sterling rope is the Evolution Aero™. Perfect handling and durable enough to check out routes, but still super thin and light to try hard on red point attempts. Oh, and it's got a nice color, too.

SterlingRope.com/team/113-alex-megos



Evolution Velocity™

9.8 mm ①
35, 40, 50, 60, 70, 80 m

DryXP™ optional

Our flagship and quintessential 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. That's why it's rated as Best In Class by Gear Institute.

UIAA 101
EN 892



Bicolor Neon Green



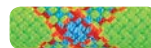
Bicolor Silver



Ice Blue



Purple



Neon Green



Turquoise



Orange



Chris Sharma Edition



Olive Drab



Evolution Helix™

9.5 mm ①
40, 50, 60, 70, 80 m

DryXP optional

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



Bicolor Orchid



NEW Bicolor Blue



Neon Green



Yellow



Orange



Evolution Aero™

9.2 mm ①

50, 60, 70, 80 m

DryXP™ optional

A sending rope with a soft, supple hand. The redesigned core makes the Aero the thinnest and lightest of the Evolution family and a do-all rope for many of our team climbers.

UIAA 101

EN 892



Bicolor Blue



Neon Green



Teal



Tangerine



Blue



Evolution VR10™

10.2 mm ①

60 (blue), 70 (red) m

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

UIAA 101

EN 892



Blue



Red



Evolution Duetto™

8.4 mm ②

30, 40, 50, 60, 70 m

DryXP™ optional

Intended for ice, mixed, glacier and trad climbs, the Duetto is a perfect diameter for long routes and to reduce drag through gear and over rock.

UIAA 101

EN 892



Neon Green



Purple



Orange

Marathon™ Series

RUGGED DYNAMIC ROPES FOR THE TOUGHEST CONDITIONS.

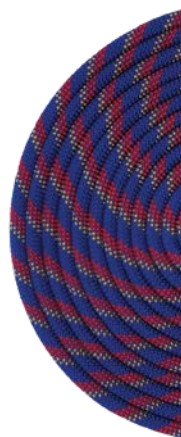
We build the Marathon Series to excel in situations that require something extra. These ropes feature a thicker, more durable sheath that holds up to big walls, remote first ascents, and multi-pitch climbs.



Andy Mann | Sterling Team Athlete Mike Libeck climbing the first ascent of Pourmaka Tower, Marquesas Islands, French Polynesia.



Marathon Sport | SterlingRope.com/team/139-mike-libeck



Marathon Pro™

10.1 mm ①
50, 60, 70, 80 m
Dry optional

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

UIAA 101
EN 892



Bipattern Blue



Bipattern Digital Camo



Bipattern Orange



NEW Blue



NEW Orange



Digital Camo



NEW Green



NEW Red



Olive Drab



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.

For additional info, visit SterlingRope.com.



Marathon Sport™

10.4 mm ①
50, 60, 70 m
Dry optional

Made for tackling big wall climbing, the Sport is a frequent choice for demanding conditions and abusive rope work.

UIAA 101
EN 892



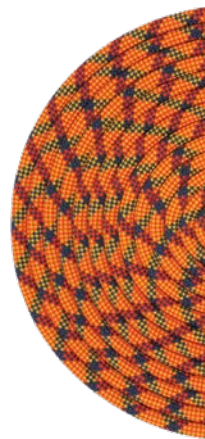
Red



Blue



Olive Drab



Marathon Ultra™

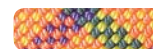
10.7 mm ①
50, 60, 70 m
Dry optional

The Ultra's abrasion-resistant sheath and thick diameter is perfect for novice belayers and can endure repeated, continual use. Ideal for outdoor climbing programs and challenge courses.

UIAA 101
EN 892



Blue

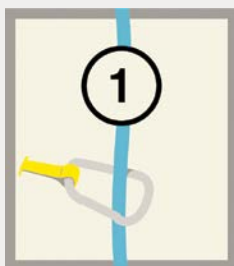


Orange

UIAA Dynamic Rope Certifications

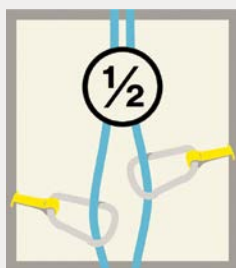


All of Sterling's dynamic ropes are UIAA Certified as Single, Twin, and/or Half Ropes and are designated as such by using the following symbols.



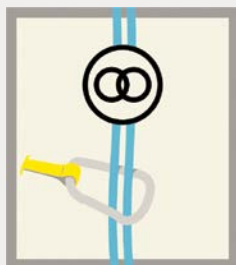
A **single rope** is the sole rope you use while you climb; clipping all gear to the one rope.

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.

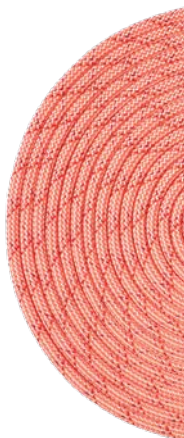


Twin ropes are similar to half ropes as they are a set of 2 ropes that a climber is tied into and belayed on, but both ropes are clipped into all the same pieces of gear. This practice is more common in alpine climbing where weight is a factor and longer rappels occur. Weight of carrying ropes can be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

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 newly updated line of canyon ropes has been improved by extensive in-use testing.



NEW CanyonPrime™

8.5 mm
30, 46, 61, 92, 200 m

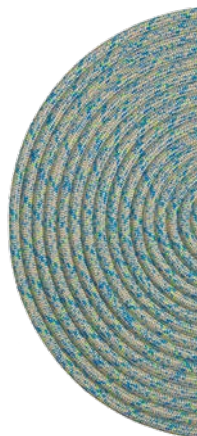
CanyonPrime offers excellent abrasion resistance for the diameter, weight, and cost. 100% polyester is water resistant, which prevents the rope from getting heavy when wet and will dry faster than ropes of other fiber types. The softer hand offers smooth rappels, and makes the rope easier to pack.



Orange



Blue



CanyonLux™

8.0 mm
30, 46, 61, 92, 200 m

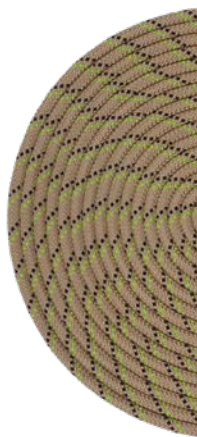
The best-handling and most-packable canyon rope currently available. A blended Technora®/polyester sheath provides a perfect balance of water and abrasion resistance and a dual core is made from light and flexible polypropylene surrounded by a layer of massively strong, braided Spectra® material.



Green



Blue



C-IV™

9.0 mm
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.

In abrasion testing, the C-IV proved to be one of our most durable ropes.



Green



Orange



CanyonTech™

9.5 mm
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

Tensile Tester
(hydraulic arm)

Metal File

Test Rope

Roller
Bearing

315 lb
Weight

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 | Number of Cycles before Core Exposure |
|-----------|---------------------------------------|
| 5/16" HTP | 9 |
| 9 mm C-IV | 14 |
| 7/16" HTP | 15 |

Canyon Gear



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.



ATS™ Device

Compatible w/ ropes 7.5–11.2 mm

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.

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.

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.

Canyoneering: Other static ropes may be suitable, but our dedicated canyon ropes have the right balance of low-elongation and abrasion resistance perfect for canyon conditions. See page 10.

|  | Jugging | Hauling | Rescue | Rappelling | Canyoneering |
|---|---------|---------|--------|------------|--------------|
| CanyonLux™ | NR | NR | NR | OK | BEST |
| C-IV™ | NR | NR | NR | OK | BEST |
| CanyonTech™ | NR | NR | NR | OK | BEST |
| CanyonPrime™ | NR | NR | NR | OK | BEST |
| 5/16" HTP™ | OK | OK | OK | OK | GOOD |
| 3/8" HTP | GOOD | BEST | GOOD | GOOD | GOOD |
| 7/16" HTP | BEST | GOOD | BEST | BEST | OK |
| 3/8" WorkPro™ | GOOD | GOOD | GOOD | BEST | OK |
| 7/16" WorkPro | GOOD | GOOD | BEST | BEST | OK |
| 1/2" WorkPro | GOOD | GOOD | BEST | BEST | NR |
| 3/8" SuperStatic2™ | GOOD | GOOD | GOOD | GOOD | NR |
| 7/16" SuperStatic2 | GOOD | GOOD | BEST | BEST | NR |
| 9 mm SafetyPro™* | OK | OK | NR | OK | NR |
| 10 mm SafetyPro* | OK | OK | OK | GOOD | NR |
| 10.5 mm SafetyPro* | GOOD | GOOD | GOOD | BEST | NR |
| 11 mm SafetyPro* | GOOD | GOOD | BEST | BEST | NR |

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.

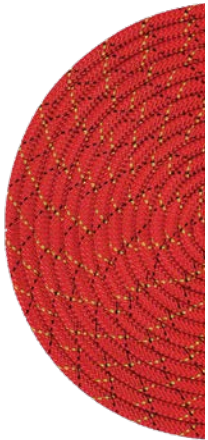
NR Not recommended for the application.

*For SafetyPro specifications, see page 33.

WorkPro™ Series

OUR NEWEST STATIC ROPE IS THE ULTIMATE WORKHORSE.

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.



NEW 3/8" WorkPro

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

Versatile static line that's ideal for rappelling, hauling, and jugging.

Pending: EN 1891: Type A
NFPA 1983: Technical



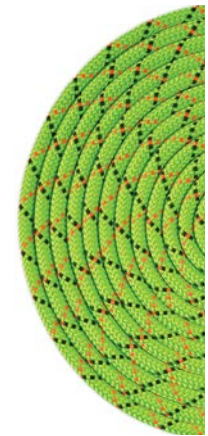
Red



White



Black



NEW 7/16" WorkPro

MBS: 8,092 lb
Elongation at 300 lb: 3.0%
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



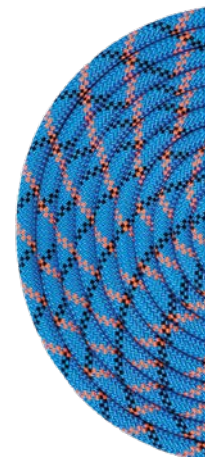
Neon Green



White



Black



NEW 1/2" WorkPro

MBS: 10,565 lb
Elongation at 300 lb: 3.2%
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

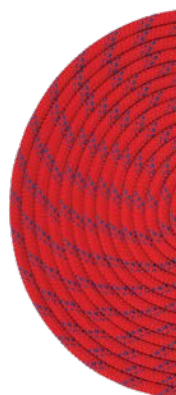


Black

SuperStatic2™ Series

EASY TO HANDLE AND INTEGRATE WITH GEAR.

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: 5,170 lb
Elongation at 300 lb: 3.6%
46, 61, 92, 183, 200 m

Lightweight technical rescue and rappel rope.

NFPA 1983: Technical



Blue



Red



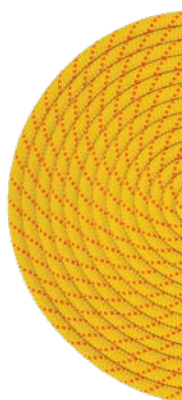
Olive Drab



White



Black



7/16" SuperStatic2

MBS: 6,519 lb
Elongation at 300 lb: 3.9%
46, 61, 92, 183, 200 m

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

NFPA 1983: Technical



Blue



Red



Orange



White



Yellow



Black



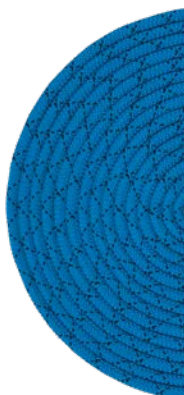
 Tamara Hastie | Pete Traylor  5/16" HTP™

SuperStatic2 ropes are also available in 1/2" and 5/8" versions.
See full specifications on page 33.

HTP™ Series

ULTRA-LOW STRETCH, ALL-WEATHER CAPABILITY.

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.



5/16" HTP

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

High strength and low elongation
in a lightweight package.



White



Blue



Neon Green



Black



3/8" HTP

MBS: 5,979 lb
Elongation at 300 lb: 1.4%
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



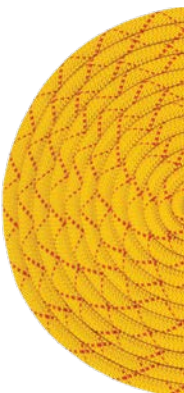
Red



White



Black



7/16" HTP

MBS: 6,856 lb
Elongation at 300 lb: 2.5%
46, 50, 61, 92, 183, 200 m

For heavy rigging and low-
stretch applications.

NFPA 1983: Technical



Bicolor Blue



Bicolor Neon Green



Blue



Neon Green



Olive Drab



Orange



Red



White



Yellow



Black

HTP ropes are also available in 1/2" and 5/8" versions.
See full specifications on page 34.

Gym Ropes

Our gym and adventure ropes are not simply re-badged versions of pre-existing products: each has been designed and built specifically for the unique conditions of gyms and adventure courses. As a result of this ground-up approach, Sterling gym and adventure ropes are unmatched in performance, reliability, and longevity.

The Official Gym Rope of:



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

Gym ReVO™

10.1 mm

30, 40, 100, 200 m

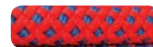
THIS IS A SEMI-STATIC ROPE FOR TOP-ROPE USE ONLY

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



Blue



Red



Yellow

Gym Phenom™

10.3 mm ①

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



Slim Gym™

10.1 mm ①
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



Big Gym™

10.7 mm ①
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
EN 892



Orange



Yellow



Black

Gym Holds

In addition to our full suite of gym ropes, we now offer equipment to outfit the walls, including Sterling-branded holds in a variety of shapes and colors as well as our large-profile volume.



NEW 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 yellow, grey, blue, and purple colorways.



NEW 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.

Cordage

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



Will Gadd, Sterling Team Athlete on the HollowBlock

I use these for all sorts of things in my personal climbing, film rigging work, and guiding. They make a great backup for rappelling, work well with a pulley for crevasse rescue or industrial tension applications that need to be high strength and non-damaging to the load lines, just great tools for all sorts of situations. I had one on my harness when I climbed Niagara, as I always do, it's a sort of 'get out of jail' card for a lot of situations. Plus they weigh nothing and last a really long time.

SterlingRope.com/team/176-will-gadd

Sewn Cords

Sterling led the way in sewn cord technology by introducing the original US-made sewn prusik nearly a decade ago. Our state-of-the-art, in-house technical sewing facility produces the most innovative, reliable and functional sewn cordage items available. As with all Sterling products, each has been developed to perform optimally in often unpredictable real-world conditions.

HollowBlock™

MBS: 3,147 lb
13.5, 19" lengths



Used as a friction hitch or autoblock and able to grab onto rope efficiently when used as a rappel backup on ropes 7 mm or larger. Our 6.8 mm HollowBlock's gripping ability comes from its hollow braid cord construction composed of strong, durable aramid fibers.



Chad Kelsey



Purcells™

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.



Lanyards

0.6, 0.8, 1 m lengths

Available in static and dynamic options, our marathon, SafetyPro and Y-Knot lanyards allow for climbing past intermediate anchor points while remaining attached to an anchor system.

NEW with keeper



8 mm Bound Loop Prusik™

MBS: 4,496 lb
16" and 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™

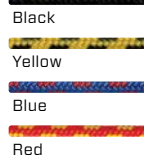
MBS: 2,810 lb
13.5" length

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 knot.

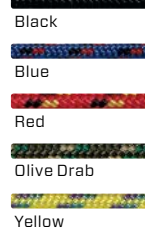
Accessory Cords

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.

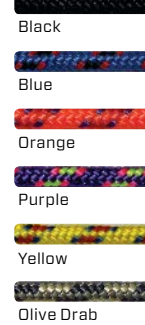
1.5 mm



2 mm



2.75 mm

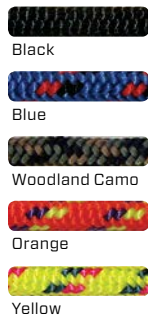


3 mm

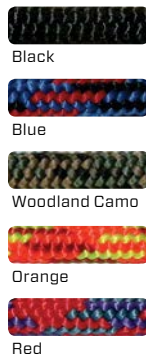


5-8 mm certified to EN 564

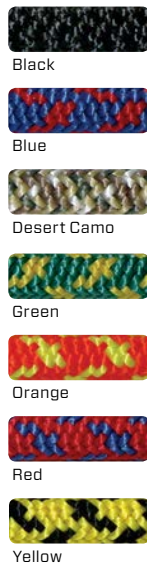
4 mm



5 mm



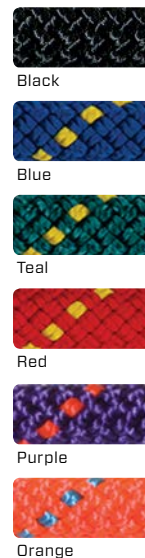
6 mm



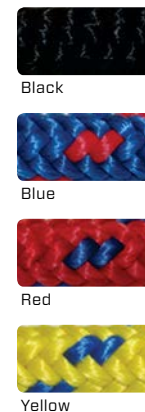
7 mm



8 mm



9 mm



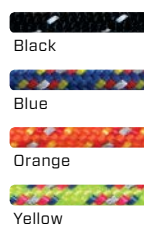
550 Paracord



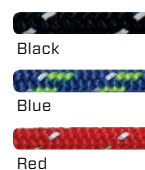
GloCords™

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.

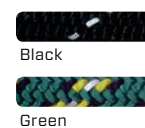
2.75 mm



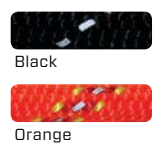
3 mm



4 mm



5 mm



Tag Lines

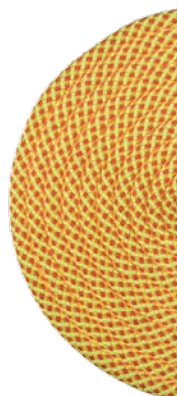
Also called ‘pull cords’ or ‘rap lines,’ our small and lightweight Tag Lines come in three diameters and are most often used for doubling with a single rope to make long, full-length rappels. Proper Tag Line setup can be immensely helpful to technical climbers, but should only be attempted by climbers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

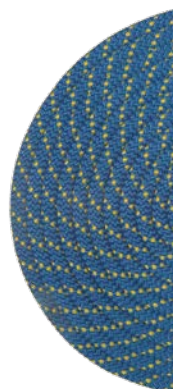


7 mm TAG™

MBS: 2,788 lb
Weight: 33 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: 3,506 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

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 page 36.



Packaged Cords



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

Webbing

Quality webbing can be a major asset in the vertical world, and Sterling's webbing has been trusted by climbers for decades. We continue to invest in improving our in-house sewing facility, which has allowed us to introduce many innovative sewn webbing products for a wide range of conditions and applications.

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.



Black



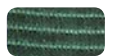
Red



Purple



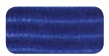
Coyote Brown



Green



Neon Yellow



Blue



Olive Drab



Orange

Bulk Webbing

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

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

11/16" Tubular

MBS: 3,000 lb
300' spool

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



Silver



Blue



Red



Neon Green



Black

1" TechTape™ Tubular

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

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



Black



Neon Yellow



Red



Blue



Purple



Tan



Silver



Orange



Green

Sewn Webbing

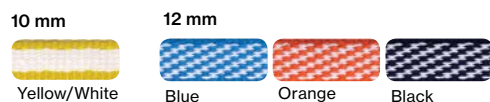


Dyneema® Slings

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

Dyneema 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.

EN 566



Nylon Slings

MBS 1" Flat: 11,240 lb
MBS 1" Tubular and 11/16": 5,170 lb

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.

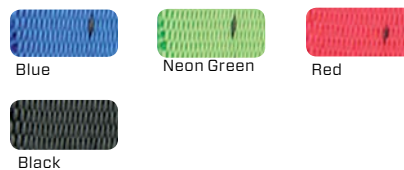
EN 566



Chain Reactor

MBS: 5,418 lb (basket), 2,810 lb (girth/choke),
3,147 lb (end-to-end)
11/16" Nylon Webbing
41, 61.5" lengths
3 versions (Regular, Long and Pro)

Most frequently used for personal anchor connections and extending rappel devices, 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.



The Chain Reactor for Climbing Applications

The Chain Reactor makes up-to-down transitions and technical descents seamless and secure. Multiple bar-tacked loops make adjustments simple, decreasing the possibility of shock loading an anchor.

Read the full article by Sterling Team Athlete and IFMGA/AMGA Licensed Mountain Guide Angela Hawse: SterlingRope.com/climb

Hardware

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



Pulleys



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.



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.

EN 12278



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.

EN 12275



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.

EN 12275



Osprey™ Carabiner

Oval-shaped

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

EN 12275



Hawk™ Carabiner

Asymmetric D-shaped

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

EN 12275



SafeD™ Carabiner

Asymmetric D-shaped

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

NFPA 1983: Technical



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.

NFPA 1983
EN 12275 (autolock only)

Systems

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



AZTEK™ Elite

Multi-directional 4:1 or 5:1 Mechanical Advantage System

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:

- 50' of 8 mm Edge Restraint with sewn eye
- 6 mm Travel Restraint
- (2) 6 mm Ratchet Prusiks
- (2) Omni-Block Pulleys
- (3) SafeD™ twistlock carabiners
- Steel Screwlink
- AZTEK Bag

NFPA 1983: General
(excluding 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:

- 50' of 8 mm cord with sewn eye
- (2) SR Mini Double Pulleys
- (2) Hawk™ Auto-locking carabiners
- 6 mm Sewn Ratchet Prusik
- Steel Screwlink
- AZTEK Bag

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:

- 15.5 m of 6 mm TRC™ Cord w/ sewn eye
- (2) Pico™ Double Pulleys
- (2) Osprey™ Oval Screwlock carabiners
- 48" 12 mm Dyneema Sling
- 6.8 mm HollowBlock™
- 8.5" 5 mm TRC™ Prusik
- Pico Crevasse Bag



How to Build a Snow Anchor for the Pico Crevasse Rescue Kit

by Angela Hawes, Sterling Team Athlete, Co-owner of Chicks Climbing, and IFMGA/AMGA Guide

[SterlingRope.com/team/122-angela-hawes](https://sterlingrope.com/team/122-angela-hawes)

Sterling has come up with a truly ingenious solution for crevasse rescue, ideal for alpine guides, and climbers

traveling in glaciated terrain. The Pico Crevasse Rescue Kit has advantages over traditional hauling systems, most notably it is fast. It comes pre-rigged as a 5:1 out of the bag on an independent hauling line, making the need to remember how to rig a hauling system obsolete. Ideally suited for high ratio teams with minimal excess rope to work with, it's also a great kit for ski mountaineering where shorter, skinny ropes are the norm. Research teams traveling on glaciers will also find the Pico Crevasse Kit an indispensable addition to their safety gear or system.

[Read the full article at SterlingRope.com/climb](https://sterlingrope.com/climb)



Accessories and Clothing

Clothing



Sterling Logo T-Shirts

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



Blue



Grey



Purple



Women's Blue



Back Graphic

Bouldering is Dumb T-Shirt and Tank Top

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.



Men's T-Shirt



Men's Navy Tank



Men's Green Tank



Men's Blue Tank



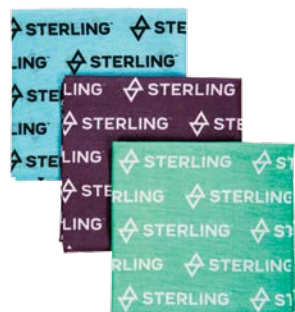
Women's Grey Tank



Women's Blue Tank



Women's Purple Tank



Sterling Brandanas



Sterling Mesh Cap



Beanies



Rope Care



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.

Bags



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.



Rope Bag with Tarp

The Sterling Climbing Rope Bag is designed to hold an 80 m dynamic rope and features a padded shoulder strap, pull tabs on each end for when you stuff it into a pack, and releasable buckles with adjustable tightening straps to keep your rope tight. Inside the bag there is a rope tarp that is held in place by Velcro and a small internal pocket to hold your keys, cell phone, etc.





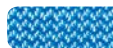






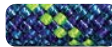




Rope Bags

Made of durable nylon, these rope bags come equipped with top handles, a grommated 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.) |



















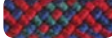


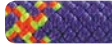


Technical Specs

Fusion™ Series

| | | | | | | | | | | | |
|--|---|---|--------------------------|---|--|---|----------------------|--|--|--|--|
| Fusion Nano IX™ 9.0 mm 1 ½ ⑩ | | | 30, 40, 50, 60, 70, 80 m | Fusion Ion R™ 9.4 mm 1 | | | 40, 50, 60, 70, 80 m | | | | |
|  |  |  | |  |  |  | | | | | |
| Bicolor Orange | Blue | Purple | | Bicolor Red | Green | Blue | | | | | |
|  |  |  | |  |  |  | | | | | |
| Bicolor Purple | Neon Green | Orange | | Bicolor Blue | Orange | Red | | | | | |
| UIAA Falls 6 >16 >20 | Dynamic Elongation (%) 33.1 27.6 25.3 | Impact Force (kN) 8.5 6.6 10.4 | | UIAA Falls 6 | Dynamic Elongation (%) 33.1 | Impact Force (kN) 8.7 | | | | | |
| Weight (g/m) 52 | Static Elongation (%) 7.0 7.0 3.6 | Sheath (%) 29 | | Weight (g/m) 57 | Static Elongation (%) 7.2 | Sheath (%) 39 | | | | | |
| Fusion Photon™ 7.8 mm ½ ⑩ | | | 30, 40, 50, 60, 70, 80 m | Sterling Fusion ropes are certified to EN 892 and UIAA 101. | | | | | | | |
|  |  | | | | | | | | | | |
| NEW Orange | NEW Purple | | | | | | | | | | |
| UIAA Falls 5 16 | Dynamic Elongation (%) 35.3 32.3 | Impact Force (kN) 5.6 8.7 | | | | | | | | | |
| Weight (g/m) 41 | Static Elongation (%) 11.7 6.5 | Sheath (%) 45 | | | | | | | | | |

Sterling Fusion ropes are certified to EN 892 and UIAA 101.





















Evolution™ Series

| | | | | | | | |
|--|---|---|----------------------|---|--|---|--------------------------|
| Evolution Aero™ 9.2 mm ① | | | 50, 60, 70, 80 m | Evolution Velocity™ 9.8 mm ① | | | 35, 40, 50, 60, 70, 80 m |
|  |  |  | |  |  |  | |
| Bicolor Blue | Neon Green | Teal | | Bicolor Neon Green | Ice Blue | Purple | |
|  |  | | | | | | |
| Tangerine | Blue | | | | | | |
| UIAA Falls 7 | Dynamic Elongation (%) 33.4 | Impact Force (kN) 8.5 | |  |  |  | |
| Weight (g/m) 56 | Static Elongation (%) 7.7 | Sheath (%) 41 | | Bicolor Silver | Neon Green | Turquoise | |
| Evolution Helix™ 9.5 mm ① | | | 40, 50, 60, 70, 80 m |  |  |  | |
|  |  |  | | Orange | Chris Sharma Edition | Olive Drab | |
| NEW Bicolor Blue | Orange | Neon Green | | UIAA Falls 6 | Dynamic Elongation (%) 26.4 | Impact Force (kN) 8.8 | |
|  |  | | | | | | |
| Bicolor Orchid | Yellow | | | | | | |
| UIAA Falls 7 | Dynamic Elongation (%) 31.9 | Impact Force (kN) 8.9 | | Weight (g/m) 62 | Static Elongation (%) 8.6 | Sheath (%) 35 | |
| Weight (g/m) 59 | Static Elongation (%) 7.2 | Sheath (%) 41 | | Evolution VR10™ 10.2 mm ① | | | |
| Evolution Duetto™ 8.4 mm ½ | | | 30, 40, 50, 60, 70 m | 60 m (blue), 70 m (red) | | | |
|  |  |  | |  |  | | |
| Neon Green | Purple | Orange | | Blue (60 M) | Red (70 M) | | |
| UIAA Falls 6 | Dynamic Elongation (%) 31.6 | Impact Force (kN) 6.5 | | UIAA Falls 8 | Dynamic Elongation (%) 31.1 | Impact Force (kN) 8.8 | |
| Weight (g/m) 45 | Static Elongation (%) 11.0 | Sheath (%) 40 | | Weight (g/m) 67 | Static Elongation (%) 7.6 | Sheath (%) 33 | |

Sterling Evolution ropes are certified to EN 892 and UIAA 101.



Marathon™ Series

| Marathon Pro™ 10.1 mm ① | | | Marathon Ultra™ 10.7 mm ① | | |
|---|--|---|---|--|---------------------------------|
| 50, 60, 70, 80 m | | | 50, 60, 70 m | | |
|  |  |  |  |  | |
| Bipattern Blue | Bipattern Digital Camo | Bipattern Orange | Blue | Orange | |
|  |  |  | UIAA Falls 8 | Dynamic Elongation (%) 36.1 | Impact Force (kN) 8.6 |
| NEW Blue | NEW Orange | Digital Camo | Weight (g/m) 70 | Static Elongation (%) 9.0 | Sheath (%) 38 |
|  |  |  | Marathon Sport™ 10.4 mm ① | | |
| NEW Green | NEW Red | Olive Drab | 50, 60, 70 m | | |
|  |  |  | Blue | Red | Olive Drab |
| UIAA Falls 6 | Dynamic Elongation (%) 35.3 | Impact Force (kN) 8.6 | UIAA Falls 7 | Dynamic Elongation (%) 29.4 | Impact Force 9.3 |
| Weight (g/m) 63 | Static Elongation (%) 8.4 | Sheath (%) 42 | Weight (g/m) 69 | Static Elongation (%) 8.4 | Sheath (%) 40 |
| Marathon Mega™ 11.2 mm ① | | | Marathon Half™ 8.8 mm ② | | |
| 50, 60, 200 m | | | 30, 40, 60, 70 m | | |
|  |  |  |  |  | |
| Orange | Purple | Black | Tan | Olive Drab | |
|  | | | UIAA Falls 9 | Dynamic Elongation (%) 32.8 | Impact Force (kN) 6.1 |
| Olive Drab | | | Weight (g/m) 48 | Static Elongation (%) 11.0 | Sheath (%) 45 |
| UIAA Falls 9 | Dynamic Elongation (%) 30.8 | Impact Force (kN) 8.7 | | | |
| Weight (g/m) 79 | Static Elongation (%) 9.4 | Sheath (%) 37 | | | |

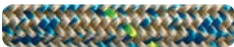







Sterling Marathon ropes are certified to EN 892 and UIAA 101.

Gym Series

| Gym ReVO™ 10.1 mm (THIS IS A SEMI-STATIC ROPE) | | | Slim Gym™ 10.1 mm ① | | |
|--|---|---|---|--|---|
| 30, 40, 100, 200 m | | | 25, 30, 100, 200 m | | |
|  |  |  |  |  |  |
| Red | Blue | Yellow | Red | Orange | Blue |
| Weight (g/m) 65 | Impact Force (kN @ FF .3) 4.7 | MBS Rating (kN) 25.6 | UIAA Falls 6 | Dynamic Elongation (%) 35.3 | Impact Force (kN) 8.6 |
| Elong. (50 kg to 150 kg) (%) 4.0 | MBS Rating (lb) 5,754 | Sheath Slippage (%) 0.0 | Weight (g/m) 63 | Static Elongation (%) 8.4 | Sheath (%) 42 |
| Gym Phenom™ 10.3 mm ① | | | Big Gym™ 10.7 mm ① | | |
| 30, 40, 100, 200 m | | | 25, 30, 100, 200 m | | |
|  |  |  |  |  |  |
| Yellow | Blue | Red | Black | Orange | Yellow |
| UIAA Falls 11 | Dynamic Elongation (%) 30.6 | Impact Force (kN) 9.0 | UIAA Falls 8 | Dynamic Elongation (%) 36.1 | Impact Force (kN) 8.6 |
| Weight (g/m) 67 | Static Elongation (%) 6.5 | Sheath (%) 39 | Weight (g/m) 70 | Static Elongation (%) 9.0 | Sheath (%) 38 |














Gym ReVO is certified to EN 1891: Type A
Sterling Gym Phenom, Slim Gym, and Big Gym ropes are certified to EN 892 and UIAA 101.

Canyoneering Ropes

| CanyonLux™ | | | C-IV™ | | |
|--|---|--|--|---|---|
| 30, 46, 61, 92, 200 m | | | 30, 46, 61, 92, 200 m | | |
|  |  | |  |  | |
| Blue | Green | | Neon Green | Orange | |
| Diameter (mm) 8.0 | MBS Rating (lb) 5,440 | Elongation at 300 lb (%) 3.3 | Diameter (mm) 9.0 | MBS Rating (lb) 4,653 | Elongation at 300 lb (%) 2.0 |
| Weight (g/m) 41.2 | MBS Rating (kN) 24.2 | Sheath Slippage (mm) 0.0 | Weight (g/m) 46.9 | MBS Rating (kN) 20.7 | |
| CanyonTech™ | | | NEW CanyonPrime™ | | |
| 30, 46, 61, 92, 200 m | | | 30, 46, 61, 92, 200 m | | |
|  |  | |  |  | |
| Neon Green | Orange | | Orange | Blue | |
| Diameter (mm) 9.5 | MBS Rating (lb) 6,744 | Elongation at 300 lb (%) 3.9 | Diameter (mm) 8.5 | MBS Rating (lb) 3,821 | Elongation at 300 lb (%) 1.65 |
| Weight (g/m) 63.0 | MBS Rating (kN) 30 | | Weight (g/m) 56.4 | MBS Rating (kN) 17.0 | |

Sterling CanyonTech is pending EN 1891 Type B certification.

WorkPro™






















| NEW 3/8" WorkPro | | | NEW 7/16" WorkPro | | |
|--|---|---|--|---|---|
| 150, 200, 300, 660' 46, 61, 92, 200 m | | | 150, 200, 300, 660' 46, 61, 92, 200 m | | |
|  |  |  |  |  |  |
| Red | White | Black | Red | Blue | Neon Green |
| Diameter (mm) 10.0 | MBS Rating (lb) 6,519 | Elongation at 300 lb (%) 3.5 |  |  | |
| Weight (lb/100') 4.5 | MBS Rating (kN) 29.0 | | White | Black | |
| | | | Diameter (mm) 11.0 | MBS Rating (lb) 8,092 | Elongation at 300 lb (%) 3.0 |
| | | | Weight (lb/100') 5.6 | MBS Rating (kN) 36.0 | |
| NEW 1/2" WorkPro | | | | | |
| 150, 200, 300, 660' 46, 61, 92, 200 m | | | | | |
|  |  |  | | | |
| Red | Blue | Neon Green | | | |
|  |  | | | | |
| White | Black | | | | |
| Diameter (mm) 12.5 | MBS Rating (lb) 10,565 | Elongation at 300 lb (%) 3.2 | | | |
| Weight (lb/100') 7.4 | MBS Rating (kN) 47.0 | | | | |

Sterling WorkPro ropes are certified to **EN 1891: Type A** and **NFPA 1983**

7/16" **Technical**
1/2" **General**

Sterling 3/8" WorkPro is pending EN 1891 and NFPA 1983 certification


















SuperStatic2™

| 3/8" SuperStatic2 | | | 7/16" SuperStatic2 | | |
|--|---|---|--|---|---|
| 150, 200, 300, 600, 660' 46, 61, 92, 183, 200 m | | | 150, 200, 300, 600, 660' 46, 61, 92, 183, 200 m | | |
|  |  |  |  |  |  |
| Blue | Red | Olive Drab | Blue | Red | Orange |
|  |  | |  |  |  |
| White | Black | | White | Yellow | Black |
| Diameter (mm) 9.5 | MBS Rating (lb) 5,170 | Elongation at 300 lb (%) 3.6 | Diameter (mm) 11.0 | MBS Rating (lb) 6,519 | Elongation at 300 lb (%) 3.9 |
| Weight (lb/100') 4.2 | MBS Rating (kN) 23.0 | | Weight (lb/100') 5.5 | MBS Rating (kN) 29.0 | |
| 1/2" SuperStatic2 | | | 5/8" SuperStatic2 | | |
| 150, 200, 300, 600, 660' 46, 61, 92, 183, 200 m | | | 150, 200, 300, 600, 660' 46, 61, 92, 183, 200 m | | |
|  |  |  |  |  |  |
| Blue | Red | Orange | Blue | Red | White |
|  |  |  |  | | |
| White | Yellow | Black | Black | | |
| Diameter (mm) 12.5 | MBS Rating (lb) 9,284 | Elongation at 300 lb (%) 2.0 | Diameter (mm) 16.0 | MBS Rating (lb) 12,364 | Elongation at 300 lb (%) 2.0 |
| Weight (lb/100') 6.8 | MBS Rating (kN) 41.3 | | Weight (lb/100') 10.7 | MBS Rating (kN) 55.0 | |

Sterling SuperStatic2 ropes are certified to **NFPA 1983**

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

SafetyPro™ (100% nylon static rope)

| 9 mm SafetyPro | | | 10 mm SafetyPro | | |
|--|---|---|--|---|---|
| 165, 200, 300, 600, 660' 50, 61, 92, 183, 200 m | | | 150, 200, 300, 600, 660' 50, 61, 92, 183, 200 m | | |
|  |  |  |  |  |  |
| Blue | Black | Red | Blue | Red | Black |
|  | | |  | | |
| White | | | White | | |
| Elongation at 300 lb (%) 1.9 | Sheath Slippage (%) 0.0 | MBS Rating (lb) 4,271 | Elongation at 300 lb (%) 4.5 | Sheath Slippage (%) 0.3 | MBS Rating (lb) 5,575 |
| Weight (lb/100') 3.4 | Impact Force (kN @ FF .3) 4.2 | MBS Rating (kN) 19.0 | Weight (lb/100') 4.2 | Impact Force (kN @ FF .3) 5.5 | MBS Rating (kN) 24.8 |
| 10.5 mm SafetyPro | | | 11 mm SafetyPro | | |
| 150, 200, 300, 600, 660' 50, 61, 92, 183, 200 m | | | 150, 200, 300, 600, 660' 50, 61, 92, 183, 200 m | | |
|  |  |  |  |  |  |
| Blue | Red | Black | Blue | Red | Black |
|  | | |  |  | |
| White | | | White | Yellow | |
| Elongation at 300 lb (%) 2.8 | Sheath Slippage (%) 0.8 | MBS Rating (lb) 6,114 | Elongation at 300 lb (%) 3.3 | Sheath Slippage (%) 0.6 | MBS Rating (lb) 7,306 |
| Weight (lb/100') 4.7 | Impact Force (kN @ FF .3) 5.5 | MBS Rating (kN) 27.2 | Weight (lb/100') 5.1 | Impact Force (kN @ FF .3) 5.8 | MBS Rating (kN) 32.5 |





Sterling SafetyPro ropes are certified to **EN 1891**

9 mm **Type B**
10, 10.5, 11 mm **Type A**

HTP™









5/16" HTP

150, 200, 300, 600, 660' | 46, 61, 92, 183, 200 m

| | | |
|--|---|---|
|  |  |  |
| White | Blue | Neon Green |
|  | | |
| Black | | |
| Diameter (mm) 9.0 | MBS Rating (lb) 4,496 | Elongation at 300 lb (%) 1.6 |
| Weight (lb/100') 4.3 | MBS Rating (kN) 20.0 | |

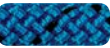

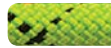



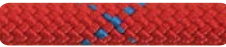



3/8" HTP

150, 200, 300, 600, 660' | 46, 61, 92, 183, 200 m

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






7/16" HTP

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

| | | |
|--|---|---|
|  |  |  |
| Bicolor Blue | Bicolor Neon Green | Blue |
|  |  |  |
| Neon Green | Olive Drab | Orange |
|  |  |  |
| Red | White | Yellow |
|  | | |
| Black | | |
| Diameter (mm) 11.0 | MBS Rating (lb) 6,856 | Elongation at 300 lb (%) 2.5 |
| Weight (lb/100') 6.5 | MBS Rating (kN) 30.5 | |





1/2" HTP

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

| | | |
|--|---|---|
|  |  |  |
| Blue | Red | Orange |
|  |  |  |
| Neon Green | Yellow | White |
|  | | |
| Black | | |
| Diameter (mm) 12.5 | MBS Rating (lb) 9,081 | Elongation at 300 lb (%) 0.9 |
| Weight (lb/100') 8.0 | MBS Rating (kN) 40.4 | |

5/8" HTP

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













| | | |
|--|---|---|
|  |  |  |
| Blue | Orange | White |
|  | | |
| Black | | |
| Diameter (mm) 16.0 | MBS Rating (lb) 12,993 | Elongation at 300 lb (%) 1.4 |
| Weight (lb/100') 12.5 | MBS Rating (kN) 57.8 | |

Sterling HTP ropes are certified to **NFPA 1983**

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

Technical
General

Water Rescue Ropes

| WaterLine™ | | | GrabLine™ | | |
|--|---|---|--|---|--|
| 75, 150, 200, 300, 600, 660' 23, 46, 61, 92, 183, 200 m | | | 75, 300, 600, 660' 23, 92, 183, 200 m | | |
|  |  |  |  | | |
| 3/8" (Red + Yellow Tracer) | 3/8" (Yellow + Red Tracer) | 5/16" (Yellow + Blue Tracer) | Yellow + Orange | | |
|  |  |  | 3/8" GrabLine Specs | | |
| 7/16" (Red + Yellow Tracer) | 1/2" (Yellow + Red Tracer) | 1/2" (Red/Yellow) | Diameter (mm) 9.5 | MBS Rating (lb) 3,282 | Elongation at 300 lb (%) 4.2 |
| 5/16" Waterline Specs | | | Weight (lb/100') 3.1 | MBS Rating (kN) 14.6 | |
| Diameter (mm) 8.0 | MBS Rating (lb) 1,596 | Elongation at 300 lb (%) 7.0 | | | |
| Weight (lb/100') 2.1 | MBS Rating (kN) 7.1 | | | | |
| 3/8" Waterline Specs | | | UltraLine™ | | |
|  |  |  | 75, 150, 200, 300, 600, 660' 23, 46, 61, 92, 183, 200 m | | |
| Diameter (mm) 9.5 | MBS Rating (lb) 3,416 | Elongation at 300 lb (%) 4.2 |  |  | |
| Weight (lb/100') 3.3 | MBS Rating (kN) 15.2 | | 1/4" (Yellow + Blue Tracer) | 3/8" (Yellow + Red Tracer) | |
| 7/16" Waterline Specs | | | 1/4" UltraLine Specs | | |
| Diameter (mm) 11.0 | MBS Rating (lb) 4,271 | Elongation at 300 lb (%) 2.6 | Diameter (mm) 6.5 | MBS Rating (lb) 2,495 | Elongation at 300 lb (%) 1.4 |
| Weight (lb/100') 4.3 | MBS Rating (kN) 19.0 | | Weight (lb/100') 1.3 | MBS Rating (kN) 11.1 | |
| 1/2" Waterline Specs | | | 3/8" UltraLine Specs | | |
| Diameter (mm) 12.5 | MBS Rating (lb) 5,754 | Elongation at 300 lb (%) 1.8 | Diameter (mm) 9.5 | MBS Rating (lb) 5,237 | Elongation at 300 lb (%) 1.2 |
| Weight (lb/100') 5.2 | MBS Rating (kN) 25.6 | | Weight (lb/100') 2.6 | MBS Rating (kN) 23.3 | |

Sterling WaterLine and GrabLine ropes are certified to **NFPA 1983**

3/8" WaterLine
3/8" GrabLine

Throwline
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/Dyneema® | Marathon™ Lanyard | 3,822 | 17 | 1.5 mm | 118 | 0.5 | No |
| 5.9 mm PowerCord™ | 4,429 | 19.7 | 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 | 2,788 | 12.4 | 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™ | 2,788 | 3.5 | 33 | Nylon/Nylon | Hollow Block™ | 3,147 | 14.0 | | | | |
| 8 mm TAG™ | 3,506 | 2.3 | 43 | 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 | Yes | SR MSP | 17 | 8.5 | 11 | No | Yes |
| Eagle SL | 25 | 7 | 7 | 27 | No | Yes | SR MDP | 22 | 5.5 | 11 | No | Yes |
| Falcon™ AL | 25 | 7 | 7 | 23 | No | Yes | SR PMP | 36 | 18 | 13 | Yes | No |
| Falcon ALT | 25 | 7 | 7 | 23 | No | Yes | SR PMP2 | 44 | 11 | 13 | Yes | No |
| Falcon SL | 25 | 7 | 7 | 24 | No | Yes | SR Rescue Pulley | 32 | 16 | 13 | Yes | No |
| Falcon SLT | 25 | 7 | 7 | 24 | No | Yes | Pico™ Double Pulley | -- | -- | 8.5 | No | No |
| Hawk™ AL | 28 | 7 | 7 | 23 | No | Yes | Single Configuration | 20 | 10 | | | |
| Hawk SL | 28 | 7 | 7 | 24 | No | Yes | Double Configuration | 30 | 7.5 | | | |
| Osprey™ AL | 23 | 7 | 6 | 22 | No | Yes | | | | | | |
| Osprey SL | 23 | 7 | 6 | 22 | No | Yes | | | | | | |
| SR Steel AL** | 45 | 16 | 18 | 30 | Yes | No | | | | | | |
| SR Steel SL | 45 | 15 | 18 | 32 | Yes | Yes | | | | | | |
| 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 | | | | | | |

*Meets ANSI Z359.12 (2009)

**SR Steel AL also meets ANSI Z359.12

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

Webbing

| Sewn Webbing | | | Webbing | | | Sewn Slings | | | | | |
|-----------------------|----------|------|----------------------------|----------|------|------------------------|----------|------|------------------------|-----------|--|
| Name/Diameter | MBS (lb) | (kN) | Name/Diameter | MBS (lb) | (kN) | Name | MBS (lb) | (kN) | Lengths Available (in) | CE EN 566 | |
| 11/16" Daisy Chain | 2,922 | 13.0 | 11/16" Tubular | 3,000 | 13.3 | 10 mm Dyneema® sling | 5,170 | 23 | 24, 48 | Yes | |
| Chain Reactor™ | 3,147 | 14.0 | 1" Mil-Spec Tubular | 4,000 | 17.8 | 12 mm Dyneema sling | 5,170 | 23 | 10, 24, 30, 48 | Yes | |
| VariQuick™ | 5,170 | 23.0 | 1" Tech Tape Tubular | 4,000 | 17.8 | 11/16" Nylon sling | 5,170 | 23 | 12, 24, 30, 48 | Yes | |
| MaineStay™ | 5,170 | 23.0 | 1" Type 18 Flat | 6,000 | 26.7 | 1" Tubular nylon sling | 5,170 | 23 | 12, 24, 36, 48 | Yes | |
| 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 | No | |
| 1" 9800 Rabbit Runner | 8,093 | 36.0 | 2" Polyester Webbing (ABS) | 4,618 | 26.7 | | | | | | |





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.

Safe Working Load (SWL) is the designated maximum working load for a piece of equipment or system based off a predetermined safety margin and the equipment's minimum breaking strength. Agencies and/or users should establish their own SWL guidelines for individual components and for rigged systems.

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 0120

Warning

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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We are proud to sponsor these exceptional organizations, each a leader in their respective area. They have a track record for developing methodologies and policies that have become the standard in their field. We've worked with these groups year after year because we feel so strongly that the work they accomplish matters profoundly.

- Access Fund
- American Alpine Club
- American Mountain Guides Association
- Chicks Climbing
- Climbing Wall Association
- Mountain Rescue Association
- The Nature Conservancy
- Outdoor Foundation
- Paradox Sports
- The SharmaFund
- Teens To Trails

In addition to working with world-class organizations, Sterling sponsors regional and national events around the globe:

- Bozeman Ice Fest
- Climb Smart
- Craggin' Classics
- Melloblocco
- Michigan Ice Fest
- Mt. Washington Ice Fest
- Ouray Ice Fest
- Reel Rock Film Tour
- Rock N Rave
- Rocktoberfest
- (Not) Work Week
- Triple Crown Bouldering Series
- Yosemite Facelift



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Our Commitment to You

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