



# **Climb** 2017

#### Sterling Climb 2017

#### 2 Real-World Testing

- 4 Dynamic Ropes
  - 4 Fusion<sup>™</sup> Series
  - 6 Evolution<sup>™</sup> Series
  - 8 Marathon<sup>™</sup> Series

#### 10 Canyon Ropes

#### 12 Static Ropes

- 13 HTP™
- 14 SuperStatic2™
- 14 SafetyPro™

#### 16 Gym Series

#### 18 Cordage

- 18 Tag Lines
- 19 Sewn Cords
- 20 Accessory Cords
- 21 GloCords™
- 21 Packaged Cords
- 21 High Tenacity Cords

#### 22 Webbing

- 22 Sewn Webbing
- 23 Bulk Webbing

24 Hardware

- 26 Kits & Bags
  - 27 Kits 28 Bags
- 29 Technical Specs



### **Real-World** Testing

In-house testing is only part of the equation; we need to know how a rope will perform in real-world conditions. The knowledge, insight and feedback we receive from our team members and in-field testers are an invaluable part of our product development process. As outdoor adventures become more extreme, Sterling's products are constantly redesigned and updated to meet the most challenging conditions.



"The CanyonLux prototype performed nicely, but I'm glad to see that what we learned on our test trip was incorporated into the final rope design.



Sara's experience as a caver was valuable to have during our canyoneering test trip. It gave us the chance to speak in plain terms to an engineer with similar experiences, and it was great to know that my feedback would affect the design of the finished product. The prototype ropes we sampled were smooth and easy to pull down, but were difficult to see in water. In the finished product, Sara incorporated brightly colored polyester blended into the Technora™ sheath, which really helped with visibility. As a bonus the added polyester reduced water absorption in those wet canyons, which means a lighter rope, wet or dry. This makes it great for exploration and projects as well as established routes.



"Our gym is big with many tall walls. And it's busy, so we see a lot of traffic and our gear gets some serious stress."

Maren Olson Assistant Director of Earth Treks Climbing Gym, Golden, CO

We love Sterling's dynamic ropes but wanted something that would work for top roping in our gym. The static ropes we were using had some sheath slippage and didn't work as smoothly as we'd like through belay devices. Sterling came through and developed the Gym ReVO and we were one of the first to test out the prototypes. On average, we keep ropes on the wall 3-9 months, depending on traffic, but the ReVO prototypes have been up almost 2 years! We have our customers asking us to put the ReVO on all our routes. They don't get squishy at belay, or stiff on the climber's side and run much more smoothly through gear due to the fact we aren't seeing sheath slippage.



"I can ask their thoughts on the rope and see evidence as to what they do or don't like about it right there in the canyon."

#### Sara Fleetwood Sterling Product Engineer

I've been an avid climber and caver for some time, but this level of canyoneering was new to me. I got to experience conditions firsthand and see how advanced canyoneers and guides use and abuse their gear. I also got to evaluate some of their used ropes to see how they've held up over long-term use.

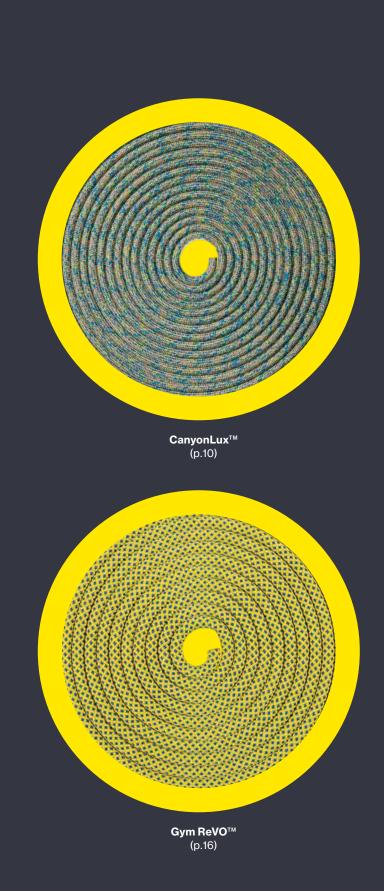
There's immense value in designing a rope having experienced the real world situations it will encounter versus doing in-office research and reacting to adjectives on a design brief. In my mind, it was the key difference between creating another good canyon rope and creating something truly special, which is what the CanyonLux has become.



"We got to see the results of our prototype ropes set up in a gym, used by real climbers on a long-term basis."

#### Katie Wood Sterling Product Engineer

Based on in-field research, listening to our customers and seeing the effects of gym conditions on equipment over a long-term basis, we started working on a better solution for the taller walls in today's gyms: something with low elongation, that's durable and with zero sheath slippage. In the end we came up with the ReVO. It's a unique double braid design that incorporates some of the handling qualities and gear compatibility of our dynamic ropes with the low elongation and abrasion resistance of our static lines. We also certified the ReVO to EN1891 Type A, which means our European gyms can use it, too.



# Sterling Solid

### Design, R&D, Made-in-USA

In an era of outsourcing, we've made an enduring commitment to US-made quality. Every Sterling rope is designed, tested and produced under one roof in Biddeford, ME. This gives us the ability to quickly devise, build and test new and improved product, which means that we make higher quality and better performing ropes.



### **Dynamic** Ropes

Our current generation of dynamic ropes is the culmination of two decades of the world's best climbers testing our ropes in real-world conditions and providing us with brutally honest feedback. We wouldn't have it any other way. It has pushed us to constantly develop new technologies that improve how ropes handle and perform. Every Sterling dynamic rope has been designed, tested and constructed purposefully for a specific set of conditions and challenges climbers face.

#### **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.



Full Specs and colors on p.29



#### Fusion Nano IX<sup>™</sup>

9.0 mm (1 1/2) 🕲 30, 40, 50, 60, 70, 80 M DryCoat™ only 8 colors

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.

EN 892

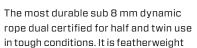


#### Fusion Ion R<sup>™</sup>

9.4 mm 🛈 40\*, 50\*, 60, 70, 80 M DryCoat optional 7 colors

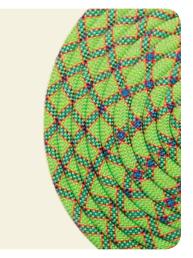
The latest, improved version of one of our most sought-after ropes offers durability in a perfect, mid-range size. The Ion R is notable for its firm, tactile feel that's easy to clip.





#### 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 are available in five distinct models.



#### **Evolution Velocity**<sup>™</sup>

9.8 mm (1 35\*, 50, 60, 70, 80 M DryCoat™ optional 9 colors

Our flagship and quintessential all-rounder for use in virtually any condition, the Velocity is a nearperfect balance of characteristics for a wide variety of climbing styles and conditions. That's why it's rated as a Best Buy by *OutdoorGearLab*.

EN 892

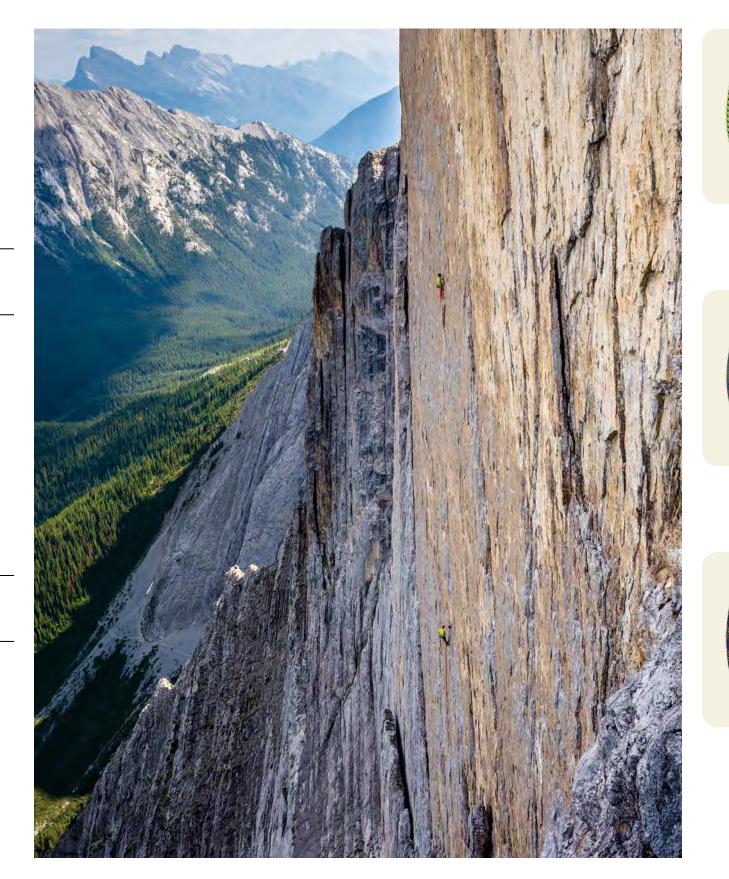


#### **Evolution Helix**<sup>™</sup>

9.5 mm 🛈 40\*, 50\*, 60, 70, 80 M DryCoat optional 5 colors

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.

EN 892





#### **Evolution Aero**<sup>™</sup>

9.2 mm 🛈 50, 60, 70, 80 M DryCoat optional 5 colors

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.

EN 892



#### **Evolution VR10**<sup>™</sup>

10.2 mm 🛈 60 (blue), 70 (red) M 2 colors

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

EN 892



#### **Evolution Duetto**<sup>™</sup>

8.4 mm 🕲 30†, 40†, 50, 60, 70 M DryCoat optional 3 colors

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.

#### **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, multi-pitch climbs and beginner adventurers.





#### Marathon Pro<sup>™</sup>

10.1 mm 🛈 50‡, 60, 70, 80 M DryCoat™ optional 9 colors

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.

EN 892



#### Marathon Sport<sup>™</sup>

10.4 mm 🛈 50, 60, 70 M DryCoat optional 3 colors

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

EN 892



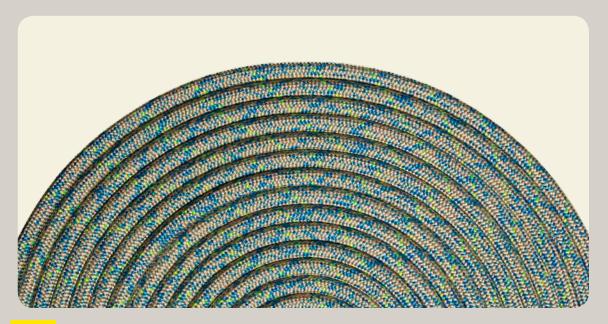
#### Marathon Ultra<sup>™</sup>

10.7 mm 🛈 50\*, 60, 70, M DryCoat optional 2 colors

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.

### **Canyon** Ropes

Mystery potholes. Slots. Lengthy rappels. Highvolume 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 informed by extensive in-use testing.



#### **NEW** CanyonLux<sup>™</sup>

8.0 mm 30, 46, 61, 92, 200 M 2 colors

#### What happens when you send

rope engineers on a weeks-long canyoneering trip? They come back and design the world's most advanced canyon rope. The new CanyonLux cleverly answers everything the canyoneering community has been asking for.

See our new Canyon Bag (p.28)

Made from 4 distinct fiber types, and coming in at a light and compact 8 mm diameter, CanyonLux is engineered and built to meet the needs of advanced canyoneering. A blended Technora<sup>®</sup>/polyester sheath provides a perfect balance of water and abrasion resistance and features a unique and highly visible color pattern. A revolutionary dual core is made from light and flexible polypropylene surrounded by a layer of massively strong, braided Spectra<sup>®</sup> material. This design keeps the rope small and light, reduces sheath slippage to a bare minimum and provides maximum strength. All of this makes the new CanyonLux the best handling and most packable canyon rope currently available.

Full Specs and colors on p.33

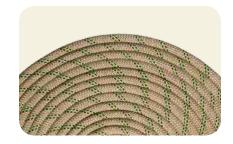




#### C-IV™

9.0 mm 30, 46, 61, 92, 200 M 2 colors

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



#### CanyonTech™

9.5 mm 30, 46, 61, 92, 200 M 2 colors

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

Pending EN 1891 Type B

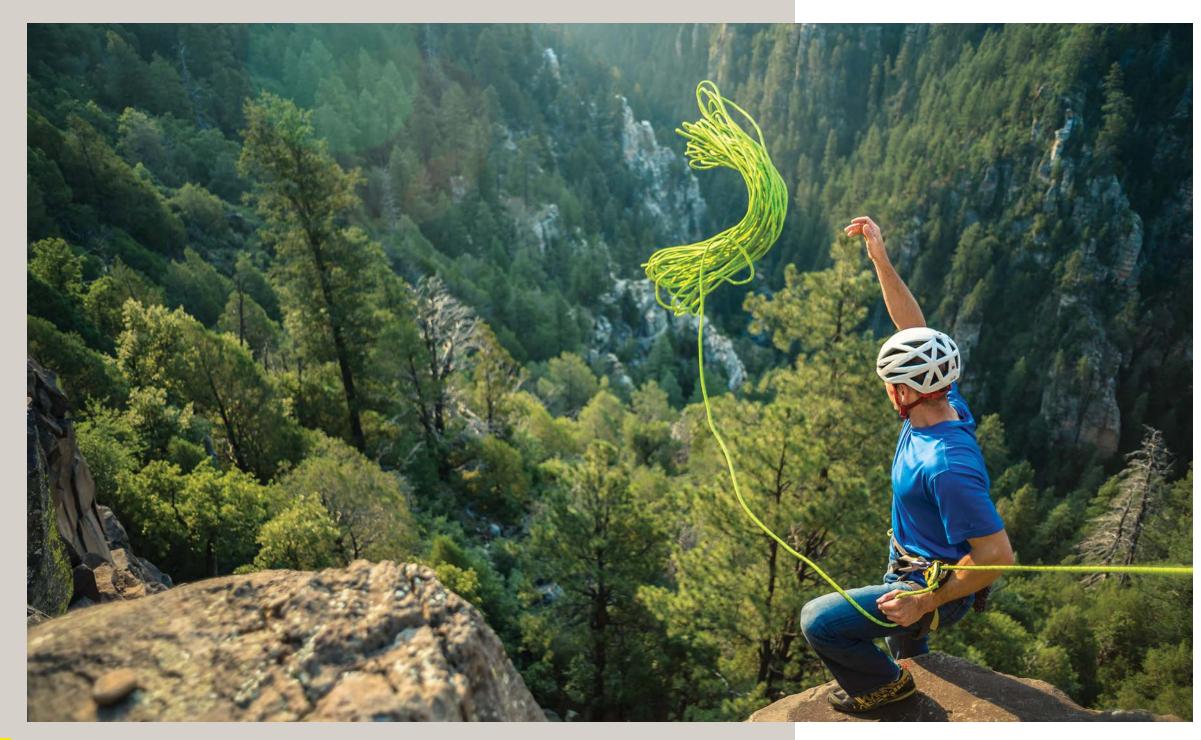
## **Static** Ropes

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

Static Rope //

#### 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.





Full Specs and colors on p.31



#### 9 mm HTP

MBS: 5,170 lbs 46, 61, 92, 183, 200 M 4 colors

High strength and low elongation in lightweight package.

NFPA 1983 - Escape

#### 3/8" HTP

MBS: 5,979 lbs 46, 61, 92, 183, 200 M 9 colors

Very low elongation for haul systems.

NFPA 1983 - Technical

#### 7/16" HTP

MBS: 6,856 lbs 46, 61, 92, 183, 200 M 10 colors

For heavy rigging and low stretch applications.

NFPA 1983 - Technical

#### HTP is also available in packaged lengths from 10-35 M.

### SuperStatic2<sup>™</sup>

#### Full Specs and colors on p.32

#### 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.

SuperStatic 2 is also available in packaged lengths from 10-35 M.

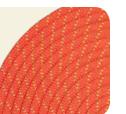


### 3/8" SuperStatic2

MBS: 5,170 lbs 46, 61, 92, 183, 200 M 6 colors

Lightweight technical rescue & rappel rope.

NFPA 1983- Technical



#### 7/16" SuperStatic2

MBS: 6,519 lbs 46, 61, 92, 183, 200 M 6 colors

A do-it-all static rope that can withstand heavy abuse. NFPA 1983 - Technical

Full Specs and colors on p.32

### **SafetyPro**<sup>™</sup>

An ideal balance of strength, elongation and handling

Constructed to achieve a near-perfect balance between high strength, low elongation, and solid abrasion resistance, SafetyPro lines run smoothly through gear and offer excellent knotability in many varied applications.



#### 9 mm SafetyPro

MBS: 4,271 lbs 50, 61, 92, 183, 200 M 4 colors
For light duty rigging and lightweight access.
EN 1891 - Type B



MBS: 5,575 lbs 50, 61, 92, 183, 200 M 4 colors Ideal for rappel and top rope belays. EN 1891 - Type A

10 mm SafetyPro



#### 10.5 mm SafetyPro

MBS: 6,114 lbs 50, 61, 92, 183, 200 M 4 colors

Designed as a technical work and rescue rope. EN 1891 - Type A

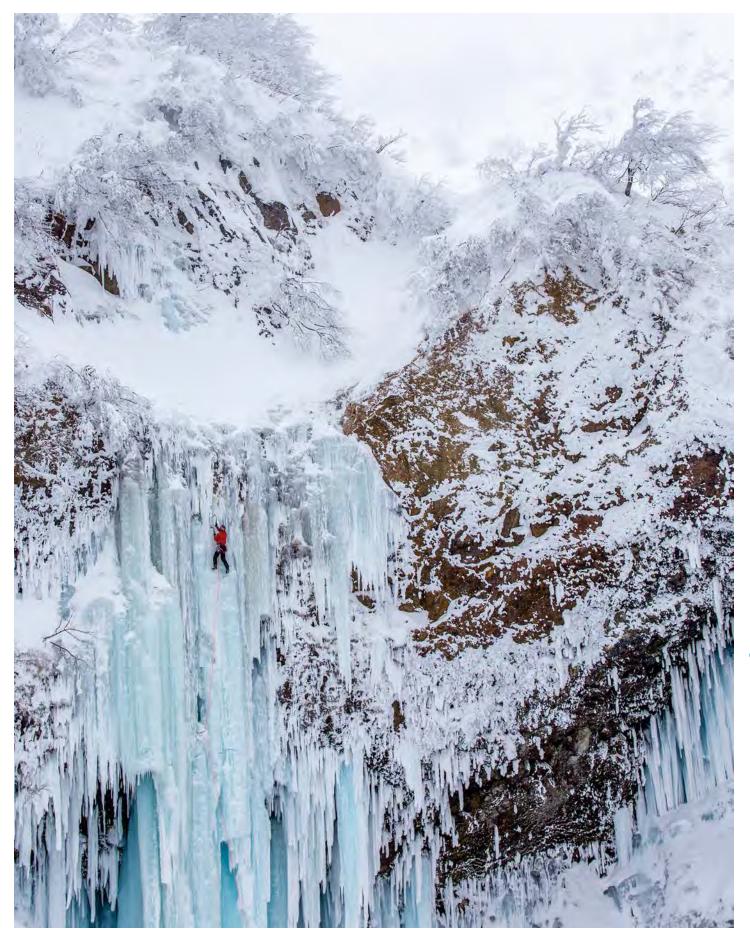


#### 11 mm SafetyPro

MBS: 7,306 lbs 50, 61, 92, 183, 200 M 5 colors

Ideal for work and rope access applications.

EN 1891 - Type A



### **Gym** Series

Our gym and adventure products 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 products are unmatched in performance, reliability and longevity.



#### Gym ReVO<sup>™</sup>

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



#### Gym Phenom<sup>™</sup>

10.3 mm 🛈 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.

EN 892

#### Slim Gym<sup>™</sup>

10.1 mm 🛈 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. EN 892

#### Big Gym<sup>™</sup>

10.7 mm 🛈 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.



### 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.

### **Tag Lines**

#### **Technical gear** for expert climbers

Also called 'pull cords' or 'rap lines,' our small and lightweight Tag Lines come in three diameters and is 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<sup>™</sup>

#### MBS: 3,484 lbs 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.

Cordage Full Specs and colors on p.34

#### 7 mm TAG<sup>™</sup>

MBS: 2,788 lbs 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. A unique nylon sheath; with added durability, and core give the 7 mm TAG a fine balance of overall strength and predictable elongation.

EN 564





At only 43 g/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

10 . 10 .

1.24.24

Quela.

Secon

\*\*\*\*\*\*\*

### Sewn Cords

Sterling led the way in sewn cord technology by introducing the original US-made sewn prusik nearly a decade ago. Our stateof-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.

Lanyards

0.6, 0.8, 1 M lengths

3 versions available

to an anchor system.

Available in static and dynamic

and Y-Knot lanyards allow for

options, our Marathon, SafetyPro

climbing past intermediate anchor

points while remaining attached



#### **HollowBlock**<sup>™</sup>

MBS: 3,147 lbs 13.5, 19" lengths

Used as a friction hitch or auto block 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.

#### Purcells™

MBS: 2,810 lbs 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.

Climb 2017 Cordage



#### **AutoBlocks**<sup>™</sup>

MBS: 2,810 lbs 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.



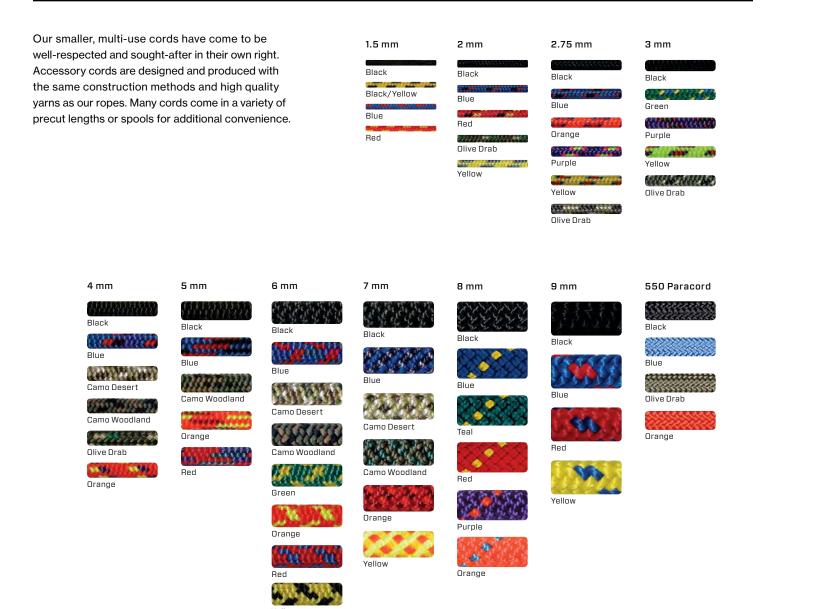


#### 8 mm Bound Loop Prusik<sup>™</sup>

MBS: 2,810 lbs 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.

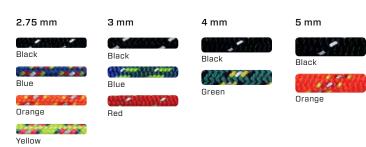
### **Accessory Cords**





### GloCords™

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



### **High Tenacity Cords**

Some situations require high strength from a small diameter cord. Sterling developed our High Tenacity Cord line to answer these requirements. Each of these specialty cords features a unique construction utilizing a different set of materials, each tuned for a given set of conditions and recommended uses.

### 5.4 mm V-TX<sup>™</sup> Cord

MBS: 3,370 lbs 50, 100, 200 M

Made with a Dyneema® core and polyester sheath, the V-TX is a small diameter, low-stretch cord that is inherently water and UV resistant.

### **Packaged Cord**

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





#### 5.9 mm PowerCord™

MBS: 4,429 lbs 50, 100, 200 M 3 colors

A nylon sheath surrounds a high-strength braided Technora® core, which gives the PowerCord massive strength in a small diameter for many applications.

### Webbing

Quality webbing can be a major asset in the vertical world, and Sterling's webbing has been a trusted product for 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.

### **Sewn Webbing**



#### **Chain Reactor**<sup>™</sup>

11/16" Nylon Webbing 41, 61.5" lengths 3 versions (regular, long and pro) 4 colors

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.

Pending EN 795B



#### **Dyneema® Slings**

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

Swatches 10 mm





12 mm



#### Nylon Slings

11/16" Tubular, 1" Tubular, 1" Flat

Colors: various

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

## 12", 24", 36", 48"

Full Specs and colors on p.34

Our Nylon slings are

### **Bulk Webbing**

#### **NEW** 2" Polyester Webbing

#### MBS: 6,000 lbs 300' spool



Our new 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.

#### Nylon

#### 11/16" Tubular

MBS: 3,000 lbs 300' spool



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



Green

Black

1" Mil-Spec Tubular

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

The standard in 1" tubular nylon

webbing is favored for its versatility

and use in slings, anchor systems,

webbing offers exceptional abrasion

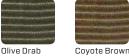
resistance and excellent knotability.

and hasty harnesses. Sterling's

# Black

Yellow

Green Orange









MBS: 6,000 // 9,800 lbs 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 6000 lb MBS, and the 9800 has a 9800 lb break strength. Great for high strength runners, slacklines and anchors. Also available in sewn slings and runners.







#### 1" TechTape<sup>™</sup> Tubular

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



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



11

11

11

Yellow

Green

Silver













Orange



----

----

-----



### Hardware

Whether it's a descent control device, carabiner or a pulley, our hardware is designed to improve real-world functionality and offer greater strength and longevity.



#### Full Specs and colors on p.35

#### All hardware is made in U.S.A.

#### **Essential Gear**

#### **ATS<sup>™</sup> Device**

Compatible w/ ropes 7.5 mm-11.2 mm 2 colors

A lightweight and versatile tool for rappel and belay. The curved frame allows the ATS to be positioned so that the top wear bar can alternately increase or decrease friction, accommodating a wider range of ropes for single or double rope rappelling techniques. The four hyper horns allow universal loading of the brake line to add friction mid-descent. The functional and patented design of the ATS allows your rope to be installed into the device without removing the ATS from the harness or anchor. The grommet insert keeps the device oriented correctly and helps prevent cross-loading of your carabiner.



#### Mini Pulleys<sup>™</sup>

Single or Double versions available Compatible w/ ropes 8.5-11.0 mm 2 colors

Strong and lightweight, the aluminum Mini Pulleys have a prusik-minding design and are easy to set up in a variety of configurations. See Pocket Hauler on page 27.

EN 12278



#### Pico™ **Double Pulley**

3.3 oz Compatible w/ ropes up to 8.5 mm 2 colors

pabilities for reliable performance in

all conditions. A balanced side plate

design allows for single pulley use.

Made from high quality machined aluminum and roughly the size of a golf ball, the Pico features sealed ball bearings and prusik-minding ca-

EN 12275

2 colors

Falcon<sup>™</sup>/Falcon<sup>™</sup>

**Talon Carabiner** 

Small pear-shaped





Hawk™ Carabiner

Oval-shaped 2 colors Key lock, multipurpose design Asymmetrical D-Shaped 2 colors Key lock, multipurpose design

EN 12275

Safe-D<sup>™</sup> Carabiner

Asymmetrical D-Shaped Removable, threaded, captive eye pin Twist-lock or Autolock

NFPA 1983 - Technical







#### Eagle™ Carabiner

A compact pear-shaped carabiner suitable for multiple uses. The wire gate captive-eye feature ("Talon" option) clutches the belay loop to reduce the risk of cross-loading.

Large pear-shaped 2 colors

A large profile and user-friendly pear shape make the Eagle a go-to carabiner for virtually any usage in climbing applications. The Eagle's design resists snagging on gear or rope, and the gate has a solid, linear action with secure closure.

EN 12275





Steel Carabiner

Forged steel alloy Asymmetrical D-Shaped MBS: 45 kN (major axis)

NFPA 1983 - General





Screwlock

Autolock

\*Most carabiners are available in either Autolock or Screwlock closures.

### Kits & Bags



#### **Pico<sup>™</sup> Crevasse Rescue Kit**

4:1 Mechanical Advantage Kit

This 4:1 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

**Kits** 



#### Aztek<sup>™</sup> Elite

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

A compact, multi-functional rescue kit, this portable mechanical advantage system, which 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
- AZTEK Bag
- (2) 6 mm Ratchet Prusiks
- (2) Omni-Block Pulleys
- (3) Safe-D twistlock carabiners

NFPA 1983 - General (excluding carabiners)

Pocket Hauler<sup>™</sup>

#### 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™ Autolocking carabiners
- 6 mm Sewn Ratchet Prusik
- Steel Screwlink



#### Blitz<sup>™</sup> Bag

Designed for the toughest canyoneering expeditions and made from ultra durable materials, the Blitz Bag is a floatable yet sturdy bag designed to hold up to 250' of 9.5 mm canyon rope. An inventive stand-up and stay-open feature allows for rapid repacking.



#### 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 w/ Tarp

The Sterling climbing rope bag is designed to hold a 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.



Size

Small

Large

Medium

Volume (L)

17

31

45

Rope Capacity (Ft)

200 (of 3/8" dia.)

200 (of 1/2" dia.)

400 (of 1/2" dia.)

#### 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 on the medium and large sizes.

Size (Color) from left to right: Small (Yellow), Medium (Orange), Large (Red).

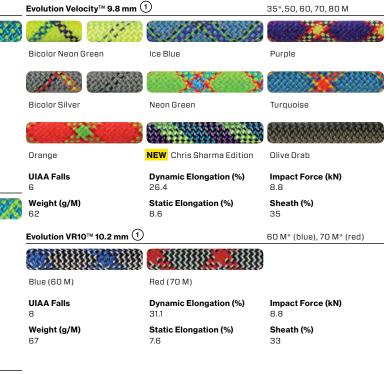
### Dynamic Rope //

#### **Fusion<sup>™</sup> Series**

Fusion Nano IX™ 9	0.0 mm 1 1/2 00	(30, 40, 50, 60, 70, 80 M
Sec. C		
Bicolor Orange	Blue	Purple
Bicolor Purple	Neon Green	Orange
Olive Drab	NEW Red	
<b>UIAA Falls</b> 6   >16   >20	<b>Dynamic Elongation (%)</b> 33.1   27.6   25.3	Impact Force (kN) 8.5   6.6   10.4
<b>Weight (g/M)</b> 52	<b>Static Elongation (%)</b> 7.0   7.0   3.6	<b>Sheath (%)</b> 29
usion Photon™ 7.	8 mm 1/2 @	(30, 40, 50, 60, 70, 80 M
NEW Orange	Purple	Yellow
UIAA Falls 5   16	Dynamic Elongation (%) 35.3   32.3	Impact Force (kN) 5.6   8.7
Weight (g/M) 41	Static Elongation (%)	<b>Sheath (%)</b> 45
Evolution™	Series	
Evolution Aero™ 9	.2 mm (1)	50*, 60, 70, 80 M
Evolution Aero™ 9	.2 mm (1)	50*, 60, 70, 80 M
Evolution Aero™ 9	.2 mm (1)	50°, 60, 70, 80 M
		3
		3
Bicolor Blue	NEW Neon Green	Teal
Bicolor Blue	NEW Neon Green	Teal
Tangerine UIAA Falls 7 Weight (g/M)	NEW Neon Green Blue Dynamic Elongation (%) 33.4 Static Elongation (%) 7.7	Teal Impact Force (kN) 8.5 Sheath (%)
Bicolor Blue Bicolor Blue Tangerine UIAA Falls 7 Weight (g/M) 56	NEW Neon Green Blue Dynamic Elongation (%) 33.4 Static Elongation (%) 7.7	Teal Impact Force (kN) 8.5 Sheath (%) 41
Bicolor Blue Tangerine UIAA Falls 7 Weight (g/M) 56 Evolution Helix <sup>TM</sup> 9	NEW Neon Green Blue Dynamic Elongation (%) 33.4 Static Elongation (%) 7.7	Teal Impact Force (kN) 8.5 Sheath (%) 41
Bicolor Blue Tangerine UIAA Falls 7 Weight (g/M) 56	NEW Neon Green Blue Dynamic Elongation (%) 33.4 Static Elongation (%) 7.7	Teal Impact Force (kN) 8.5 Sheath (%) 41 40*, 50*, 60, 70, 80 M
Bicolor Blue Tangerine UIAA Falls 7 Weight (g/M) 56 Evolution Helix <sup>TM</sup> 9	NEW Neon Green Blue Dynamic Elongation (%) 33.4 Static Elongation (%) 7.7	Teal Impact Force (kN) 8.5 Sheath (%) 41 40*, 50*, 60, 70, 80 M
Bicolor Blue Tangerine UIAA Falls 7 Weight (g/M) 56 Evolution Helix™ 9 NEW Yellow Bicolor Orchid UIAA Falls	NEW Neon Green Blue Dynamic Elongation (%) 33.4 Static Elongation (%) 7.7 5 mm (1) Crange NEW Bicolor Blue Dynamic Elongation (%)	Teal Impact Force (kN) 8.5 Sheath (%) 41 40°, 50°, 60, 70, 80 M Neon Green Impact Force (kN)
Bicolor Blue Tangerine UIAA Falls 7 Weight (g/M) 56 Evolution Helix <sup>™</sup> 9 NEW Yellow Bicolor Orchid	NEW Neon Green Blue Dynamic Elongation (%) 33.4 Static Elongation (%) 7.7 0.5 mm () Orange Orange	Teal Impact Force (kN) 8.5 Sheath (%) 41 40°, 50°, 60, 70, 80 M Neon Green
Bicolor Blue Tangerine UIAA Falls 7 Weight (g/M) 56 Evolution Helix <sup>™</sup> 9 NEW Yellow Bicolor Orchid UIAA Falls 7 Weight (g/M) 59	NEW Neon Green Blue Dynamic Elongation (%) 33.4 Static Elongation (%) 7.7 0.5 mm (1) Orange NEW Bicolor Blue Dynamic Elongation (%) 31.9 Static Elongation (%) 7.2	Teal Teal Impact Force (kN) 8.5 Sheath (%) 41 40°, 50°, 60, 70, 80 M Neon Green Neon Green Impact Force (kN) 8.9 Sheath (%)
Bicolor Blue Tangerine UIAA Falls 7 Weight (g/M) 56 Evolution Helix <sup>™</sup> 9 NEW Yellow Bicolor Orchid UIAA Falls 7 Weight (g/M) 59	NEW Neon Green Blue Dynamic Elongation (%) 33.4 Static Elongation (%) 7.7 0.5 mm (1) Orange NEW Bicolor Blue Dynamic Elongation (%) 31.9 Static Elongation (%) 7.2	Impact Force (kN)         8.5         Sheath (%)         41         40*, 50*, 60, 70, 80 M         Neon Green         Impact Force (kN)         8.9         Sheath (%)         41
Bicolor Blue Tangerine UIAA Falls 7 Weight (g/M) 56 Evolution Helix <sup>™</sup> 9 NEW Yellow Bicolor Orchid UIAA Falls 7 Weight (g/M) 59	NEW Neon Green Blue Dynamic Elongation (%) 33.4 Static Elongation (%) 7.7 0.5 mm (1) Orange NEW Bicolor Blue Dynamic Elongation (%) 31.9 Static Elongation (%) 7.2	Impact Force (kN)         8.5         Sheath (%)         41         40*, 50*, 60, 70, 80 M         Neon Green         Impact Force (kN)         8.9         Sheath (%)         41
Bicolor Blue Tangerine UIAA Falls 7 Weight (g/M) 56 Evolution Helix™ 9 NEW Yellow Bicolor Orchid UIAA Falls 7 Weight (g/M) 59 Evolution Duetto™	NEW Neon Green Blue Dynamic Elongation (%) 33.4 Static Elongation (%) 7.7 Orange NEW Bicolor Blue Dynamic Elongation (%) 31.9 Static Elongation (%) 7.2	Teal Impact Force (kN) 8.5 Sheath (%) 41 40*, 50*, 60, 70, 80 M Neon Green Impact Force (kN) 8.9 Sheath (%) 41 30*, 40*, 50, 60, 70 M

## **Technical** Specs







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

Marathon <sup>™</sup> Series			Gym Series			
Marathon Pro™ 10.1 mm ①		50‡, 60, 70, 80 M	Gym ReVO™ 10.1 mm (THIS IS	A SEMI-STATIC	ROPE)	30, 40, 100, 200 M
<b></b>		100 B		2000	200	******
Bipattern Blue	Bipattern Digital Camo	Bipattern Orange	Red	Blue		NEW Yellow
862268622	all a bar all a		<b>Weight (g/M)</b> 65	Impact Force (# 4.7	(N @ FF .3)	<b>MBS Rating (kN)</b> 25.6
Blue	Orange	Digital Camo	<b>Elong. (50 kg to 150 kg) (%)</b> 4.0	MBS Rating (Ibs 5,754	s)	<b>Sheath Slippage (%)</b> 0.0
68911,689	Sec. States		Gym Phenom™ 10.3 mm ①	ŗ		30, 40, 100, 200 M
Green	NEW Red	Olive Drab				
UIAA Falls 6	Dynamic Elongation (%) 35.3	Impact Force (kN) 8.6	Yellow	Blue		NEW Red
Weight (g/M) 63	Static Elongation (%) 8.4	<b>Sheath (%)</b> 42	<b>UIAA Falls</b> 11	<b>Dynamic Elong</b> 30.6	ation (%)	Impact Force (kN) 9.0
 Marathon Sport™ 10.4 mm ①		50, 60, 70 M	<b>Weight (g/M)</b> 67	Static Elongation 6.5	on (%)	<b>Sheath (%)</b> 39
			Slim Gym™ 10.1 mm ①			25, 30, 100, 200 M
Blue	Red	Olive Drab	Sector Contraction			
<b>UIAA Falls</b> 7	<b>Dynamic Elongation (%)</b> 29.4	Impact Force 9.3	Red	Orange		Blue
Weight (g/M) 69	Static Elongation (%)	Sheath (%) 40	<b>UIAA Falls</b> 6	Dynamic Elong 35.3	ation (%)	Impact Force (kN) 8.6
arathon Ultra™ 10.7 mm ①		50*, 60, 70 M	<b>Weight (g/M)</b> 63	Static Elongation 8.4	on (%)	<b>Sheath (%)</b> 42
	the states of		Big Gym™ 10.7 mm ①			25, 30, 100, 200 M
Blue	Orange					
UIAA Falls 8	<b>Dynamic Elongation (%)</b> 36.1	Impact Force (kN) 8.6	Black	Orange		NEW Yellow
<b>Weight (g/M)</b> 70	Static Elongation (%) 9.0	<b>Sheath (%)</b> 38	<b>UIAA Falls</b> 8	Dynamic Elong 36.1	ation (%)	Impact Force (kN) 8.6
Marathon Mega™ 11.2 mm ①	)	50*, 60, 200* M	<b>Weight (g/M)</b> 70	Static Elongatio 9.0	on (%)	<b>Sheath (%)</b> 38
		8333333333				
Orange	Purple	Black			Gym ReVO is	certified to EN 1891 Type A
Olive Drab						Phenom, Slim Gym, ropes are certified to JIAA 101.
UIAA Falls 9	<b>Dynamic Elongation (%)</b> 30.8	Impact Force (kN) 8.7				
9 Weight (g/M) 79	Static Elongation (%) 9.4	8.7 Sheath (%) 37				
Marathon Half™ 8.8 mm 🖄		30†, 40†, 60, 70 M				
CAN WILLY						
Tan	Olive Drab					
UIAA Falls 9	<b>Dynamic Elongation (%)</b> 32.8	Impact Force (kN) 6.1				
<b>Weight (g/M)</b> 48	Static Elongation (%)	<b>Sheath (%)</b> 45				

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

Blue MBS Rating (Ibs) 5,170 MBS Rating (kN) 22	46, 61, 92, 183, 200 M White Elongation at 300 lbs (%) 0.8 SWL (10:1) (lbs) 517 46, 61, 92, 183, 200 M
MBS Rating (Ibs) 5,170 MBS Rating (kN)	Elongation at 300 lbs (%) 0.8 SWL (10:1) (lbs) 517
MBS Rating (Ibs) 5,170 MBS Rating (kN)	Elongation at 300 lbs (%) 0.8 SWL (10:1) (lbs) 517
5,170 MBS Rating (kN)	0.8 <b>SWL (10:1) (Ibs)</b> 517
5,170 MBS Rating (kN)	0.8 <b>SWL (10:1) (Ibs)</b> 517
5,170 MBS Rating (kN)	0.8 <b>SWL (10:1) (Ibs)</b> 517
MBS Rating (kN)	<b>SWL (10:1) (lbs)</b> 517
	46, 61, 92, 183, 200 M
	46, 61, 92, 183, 200 M
	and Francis
Blue	Orange
anii <b>s</b> aan	
Neon Green	Red
Yellow	Bicolor Neon Green
MBS Rating (Ibs)	Elongation at 300 lbs (%) 2.3
<b>MBS Rating (kN)</b> 30.5	<b>SWL (10:1) (lbs)</b> 686
	46, 50, 61, 92, 183, 200 M
	Neon Green Yellow MBS Rating (lbs) 6,856 MBS Rating (kN)

Orange

White STATISTICS PROVIDED IN

Black

**ABS Rating (lbs/kN)** 14,361/63.9 **Diameter (mm)** 16.0 **Weight (Ibs/100')** 12.5

Elongation at 10% MBS (%) 5.2 **SWL (10:1 lbs)** 1,299

Blue

Elongation at 300 lbs (%)
1.4

```
Climb 2017 Technical Specs
```

200 M	HTP 3/8"			46, 61, 92, 183, 200 M
		maria	12.22.23	anna anna
	Black	Red		Neon Green
			20033	and the providence
	White	Olive Drab		Blue
00 lbs (%)			1.	The strenge
	Bicolor Neon Green	Bicolor Blue		Orange
	<b>Diameter (mm)</b> 10.0	MBS Rating (Ibs 5,979	5)	Elongation at 300 lbs (%)
	<b>Weight (g/M )</b> 78.9	MBS Rating (kN 26.6	1)	<b>SWL (10:1) (lbs)</b> 598
200 M	HTP 1/2"			46, 50, 61, 92, 183, 200, 366 M
		Accesse		en the
	Black	Blue		Orange
	and the second		(* ) (* )	and the second
	White	Neon Green		Red
1.10	e inter			
een	Yellow			
	Diameter (mm) 12.5	MBS Rating (Ibs 9,081	5)	<b>Elongation at 300 lbs (%)</b> 0.9
	<b>Weight (g/M)</b> 119	MBS Rating (kN 40.4	1)	<b>SWL (10:1) (lbs)</b> 908
00 lbs (%)				
			Sterling HTP ( certified to <b>N</b>	
83, 200 M			9 mm 3/8", 7/16" 1/2", 5/8"	Escape Technical General

#### SuperStatic2<sup>™</sup>

uperStatic2 3/8"		46, 61, 92, 183, 200 M	SuperStatic2 7/16"			46, 61, 92, 183, 200 M
		1. Tele		(*•) *•		E. S. S.
Black	Blue	Red	Black	Orange		Red
			· · · · ·			
White	Olive Drab	_	White	Blue		Yellow
<b>Diameter (mm)</b> 9.5	MBS Rating (lbs) 5,170	Elongation at 300 lbs (%) 3.6	Diameter (mm) 11	MBS Rating (Ib 6,519	es)	Elongation at 300 lbs (%) 3.9
<b>Weight (g/M)</b> 62.5	MBS Rating (kN) 23.0	<b>SWL (10:1) (lbs)</b> 517	<b>Weight (g/M)</b> 81.8	<b>MBS Rating (kl</b> 29.0	N)	<b>SWL (10:1) (lbs.)</b> 650
uperStatic2 1/2"		46, 61, 92, 183, 200 M				
<u> </u>						
Black	Orange	Red			Sterling Supe	erStatic2 ropes are certified 3
					3/8", 7/16"	Technical
White	Blue	Yellow			1/2"	General
<b>Diameter (mm)</b> 2.5	<b>MBS Rating (lbs)</b> 9,284	Elongation at 300 lbs (%) 2.0				
Weight (g/M)	MBS Rating (kN)	SWL (10:1) (lbs)				

#### **SafetyPro**™

SafetyPro 9 mm		50, 61, 183, 200 M	SafetyPro 10 mm		50, 61, 183, 200 M
	E S			EE EE EE EE	
Black	Blue		Black	Blue	
<i>5</i>	S - 5			SAN SAN	
White	Red		White	Red	
<b>Weight (g/M)</b> 51.0	Sheath Slippage (%) 0.0	MBS Rating (lbs) 4,271	<b>Weight (g/M)</b> 62.5	<b>Sheath Slippage (%)</b> 0.3	<b>MBS Rating (lbs)</b> 5,575
<b>Elong. (50 kg to 150 kg) (%)</b> 3.4	Impact Force (kN @ FF .3) 4.2	<b>MBS Rating (kN)</b> 19.0	<b>Elong. (50 kg to 150 kg) (%)</b> 3.2	<b>Impact Force (kN @ FF .3)</b> 5.5	MBS Rating (kN) 24.8
SafetyPro 10.5 mm		50, 61, 183, 200 M	SafetyPro 11 mm		50, 61, 183, 200 M
					M1.
Black	Blue		Black	Blue	Yellow
S			······································		
White	Red		White	Red	
<b>Weight (g/M)</b> 70.4	<b>Sheath Slippage (%)</b> 0.8	MBS Rating (lbs) 6,114	<b>Weight (g/M)</b> 76.6	<b>Sheath Slippage (%)</b> 0.6	<b>MBS Rating (Ibs)</b> 7,306
<b>Elong. (50 kg to 150 kg) (%)</b> 3.5	Impact Force (kN @ FF .3) 5.5	MBS Rating (kN) 27.2	<b>Elong. (50 kg to 150 kg) (%)</b> 3.0	Impact Force (kN @ FF .3) 5.8	<b>MBS Rating (kN)</b> 32.5

Sterling SafetyPro ropes are certified to EN 1891.

#### **Canyoneering Ropes**

NEW CanyonLux™		30, 46, 61, 92, 200 M	C-IV™		30, 46, 61, 92, 200 M
		e*	333. A.D		52
NEW Blue	<b>NEW</b> Green		Neon Green	Orange	
<b>Diameter (mm)</b> 8.0	MBS Rating (lbs) 5,440	Elongation at 300 lbs (%) 3.3	<b>Diameter (mm)</b> 9.0	<b>MBS Rating (Ibs)</b> 4,653	Elongation at 300 lbs (% 2.0
<b>Weight (g/M)</b> 41.2	<b>MBS Rating (kN)</b> 24.2	<b>Sheath Slippage (mm)</b> 0.0	<b>Weight (g/M)</b> 47.6	MBS Rating (kN) 20.7	<b>SWL (10:1) (lbs)</b> 465
CanyonTech™		30, 46, 61, 92, 200 M	_		
**:					CanyonTech is pending EN 1891 certification.
Neon Green	Orange				
<b>Diameter (mm)</b> 9.5	<b>MBS Rating (Ibs)</b> 6,744	Elongation at 300 lbs (%) 3.9			
<b>Weight (g/M)</b> 63.0	MBS Rating (kN) 30	<b>SWL (10:1) (lbs)</b> 674			

#### Water Rescue Ropes

	pes				
Waterline™		23, 46, 61, 92, 183, 200 M	Grabline™		23, 92, 183, 200 M
		Salas & Silas	1222222		
3/8" (Red + yellow tracer)	3/8" (Yellow + red tracer)	5/16" (Yellow + blue tracer)	Yellow		
	S. S. SARSING	********	3/8" Specs		
7/16" (Red + yellow tracer)	1/2" (Yellow + red tracer)	1/2" (Red/Yellow)	<b>Diameter (mm)</b> 9.5	<b>MBS Rating (lbs)</b> 3,282	Elongation at 300 lbs (% 4.2
3/8" Specs			Weight (g/M) 46.1	MBS Rating (kN) 14.6	NFPA 1983 Yes
<b>Diameter (mm)</b> 9.5	MBS Rating (Ibs) 3,416	Elongation at 300 lbs (%) 4.2			
<b>Weight (g/M)</b> 49.1	MBS Rating (kN) 15.2	NFPA 1983 Yes			
5/16" Specs			UltraLine™		23, 46, 61, 92, 183, 200 M
<b>Diameter (mm)</b> 8.0	<b>MBS Rating (Ibs)</b> 1,596	Elongation at 300 lbs (%) 7.0	A second	44 444	
<b>Weight (g/M)</b> 31.2	MBS Rating (kN) 7.1	<b>SWL (10:1) (lbs)</b> 159	1/4" (Yellow + blue tracer)	3/8" (Yellow + red tracer)	
7/16" Specs			1/4" Specs		
<b>Diameter (mm)</b> 11.0	<b>MBS Rating (lbs)</b> 4,406	Elongation at 300 lbs (%) 2.6	Diameter (mm) 6.5	<b>MBS Rating (lbs)</b> 2,495	Elongation at 300 lbs (%) 1.4
Weight (g/M) 64	<b>MBS Rating (kN)</b> 19.6	<b>SWL (10:1) (lbs)</b> 440	<b>Weight (g/M)</b> 19.3	MBS Rating (kN) 11.1	<b>SWL (10:1) (lbs)</b> 249
1/2" Specs			3/8" Specs		
<b>Diameter (mm)</b> 12.5	MBS Rating (lbs) 5,754	Elongation at 300 lbs (%) 1.8	<b>Diameter (mm)</b> 9.5	<b>MBS Rating (lbs)</b> 5,237	Elongation at 300 lbs (%) 1.2
<b>Weight (g/M)</b> 77.4	<b>MBS Rating (kN)</b> 25.6	<b>SWL (10:1) (lbs)</b> 575	<b>Weight (g/M)</b> 38.7	<b>MBS Rating (kN)</b> 23.3	<b>SWL (10:1) (lbs)</b> 523

#### Cordage // Specs

High Tenacity Cord			564		Accessory Core (including GloC			4	Lanyards		
Name/Diameter	(Ibs)	(kN)	CE EN 564	Fibers (sheath/core)	Name/ Diameter	MBS (lbs)	(kN)	CE EN 564	Name	(Ibs)	(kN)
5.4 mm V-TX Cord™	3,370	15.0	No	Polyester/Dyneema®	1.5 mm	118	0.5	No	Marathon™ Lanyard	3,822	17
5.9 mm PowerCord™	4,429	19.7	Yes	Nylon/Technora™	2 mm	225	1.0	No	SafetyPro <sup>™</sup> Lanyard	5,170	2
6 mm XTEC™	4,721	21.0	No	100% Technora	2.75 mm	270	1.2	No	Y Knot™ Lanyard	5,170	2
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	1,169	5.2	Yes			
					6 mm	1,978	8.8	Yes			
					7 mm	2,788	12.4	Yes			
					8 mm Prusik	3,462	15.4	Yes	ROPE	WASH	
					9 mm	3,102	13.8	No	Car	01	
					Paracord	550	2.4	No	CLE	AN I IS	À
Tag Lines			<u>.</u>		Sewn Cord				C	2	
Name/Diameter	MBS (Ibs)		Elong. (%)	Fibers (sheath/core)	Name/ Diameter		MBS (lbs)	(kN)	120	9	
6 mm TRC	3,484		1.7	Nylon/Technora	Purcell™		2,810	12.5			
7 mm TAG™	2,788		3.5	Nylon/Nylon	Hollow Block™		3,147	14.0		6	54
8 mm TAG™	3,506		2.3	Nylon/Nylon	6 mm AutoBloc	k™	2,810	12.5			-
					7 mm Sewn Cor	delette	3,822	17.0			
					8 mm Bound Lo	op Prusik	5,418	24.1		ood Rope V ains 20 pac	

#### Sewn Webbing // Specs



Sewn Webbing

Sewn Slings

Name/Diameter	MBS (Ibs)	(kN)	Name/Diameter	MBS (Ibs)	(kN)	Name	MBS (Ibs)	(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	6,000	26.7					

Webbing

#### Hardware // Specs

Carabiners	Major Axis (kN)	Minor Axis (kN)	Open Gate (kN)	NFPA 1983	CE EN 12275	Pulleys
Name	Maj (kN	Min (kN	d N S	NFI	E C	Name
ANSI Carabiner*	30	16	9	Yes	No	AZTEK
Eagle™ AL	25	7	7	No	Yes	SR MSP
Eagle SL	25	7	7	No	Yes	SR MDP
Falcon™ AL	25	7	7	No	Yes	SR PMP
Falcon ALT	25	7	7	No	Yes	SR PMP
Falcon SL	25	7	7	No	Yes	SR Reso
Falcon SLT	25	7	7	No	Yes	Pico™ D
Hawk™ AL	28	7	7	No	Yes	Single (
Hawk SL	28	7	7	No	Yes	Double
Osprey <sup>™</sup> AL	23	7	6	No	Yes	
Osprey SL	23	7	6	No	Yes	
SR Steel AL**	45	16	18	Yes	No	Descent
SR Steel SL	45	15	18	Yes	No	& Riggir
Safe-D™ TL	28	11	9	Yes	No	
Safe-D AL	28	11	9	Yes	No	Name
SR NLD™	29	10	9	No	No	ATS™ D
Quicksteel™	25	9	7	No	No	SR Swiv
* ANSI Carabiner mee	ets ANSI Z	2359.12	(2009)	)		SR R8™

\* ANSI Carabiner meets ANSI Z359.12 (2009) \*\*SR Steel AL also meets ANSI Z359.12

Green

Green/Gold

Steel

(Talon option)

Black

Black

Hawk<sup>™</sup> Carabiner

Steel

SR R8™

Black/Gold

**B** 

SR Rescue

Gold

Autolock

Pulley

Silver/Gold

SR PMP

Black

Eagle<sup>™</sup> Carabiner

Twistlock

Black

M

ATS<sup>™</sup> Device

Black

Falcon/Falcon

Talon<sup>™</sup> Carabiner

Gold

QuickSteel Safe-D<sup>™</sup> Carabiner ANSI Steel Carabiner Carabiner Carabiner

NLD™ Carabiner

End-to-End MBS (kN)	Sheave MBS (kN)	Max Diameter (mm)	NFPA 1983	CE EN 12278
	-	-		

ZTEK™ Omni Block	36	9	8	No	Yes
RMSP	17	8.5	11	No	Yes
RMDP	22	5.5	11	No	Yes
R PMP	36	18	13	Yes	No
R PMP2	44	11	13	Yes	No
R Rescue Pulley	32	16	13	Yes	No
ico™ Double Pulley			8.5	No	No
Single Configuration	20	10			
Double Configuration	30	7.5			

nt Control ing	MBS (kN)	NFPA 1983	CE	_
Device	23	No	No	
vel	36	Yes	No	
м	22	No	No	





SR Swivel











AZTEK<sup>™</sup> Omni Blocks

Blue

SR PMP2







Pico<sup>™</sup> Double Pulley

Osprey<sup>™</sup> Carabiner

Black





Sterling Rope is a certified ISO 9001 company.

Sterling Rope is a certified ISO 9001 company and all of our certified products must pass third-party testing to the standards we identify. Sterling also maintains a rigorous in-house testing program. All minimum break strength (MBS) numbers listed here are from a 3-Sigma MBS test results or are listed at the corresponding standard's minimum requirement—we do not list average breaking strengths. 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 www.sterlingrope.com

### €€ 0120

Products listed with EN certification are 3rd party certified through SGS Yardly. (Notified body 0120) 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.

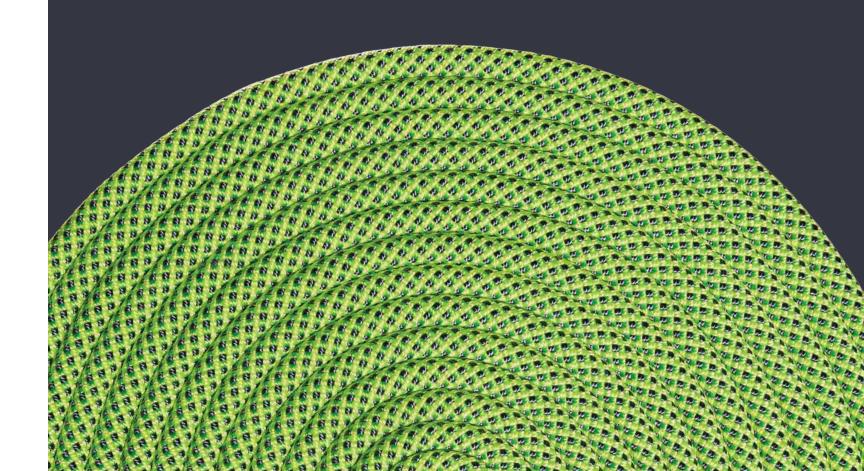
- Access Fund
- American Alpine Club
- American Mountain Guides Association
- Mountain Rescue Association
- Climbing Wall Association
- The Nature Conservancy
- Paradox Sports
- The SharmaFund
- Teens To Trails
- Chicks Climbing

#### TRADEMARKS

Twaron and Technora are registered trademarks of Teijin Ltd. Spectra® is a registered trademark of Honeywell. Dyneema is a registered trademark of DSM Dyneema B.V. Sterling Rope Company, Inc. trademarks include: DryCore, DryCoat, Fusion: Nano, Ion, Ion2, IonR, Photon, Evolution: VR10, Velocity, Helix, Aero, Duetto, Marathon: Mega, Ultra, Sport, Pro, Half, SuperStatic2, HTP, SafetyPro, CanyonTech, C-IV, Chain Reactor, CanyonLux, Blitz, ATS, Aztek Elite, Pocket Hauler, Hollow Block, Y-Knot, RIT Eyes, RIT Eye-to-Eye, VariQuick, QuickSteel, ZipLink, MaineStay, SafetyGlo, WaterLine, GrabLine, UltraLine, PowerCord, XTec, TRC, TVAC, Slim Gym, Gym ReVO, Big Gym, Gym Phenom, Rock Gym, Wicked Good Rope Wash, GloCord, Pico and V-TX.

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

Bozeman Ice Fest Climb Smart 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



#### 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.



Sterling Rope Company, Inc.

26 Morin Street Biddeford, ME 04005-4413 U.S.A.

sterlingrope.com

+001 (207) 282-2550 climb@sterlingrope.com

#### **No Hassle Policy**

We guarantee our ropes 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 and technical work exposes ropes to abrasion, fatigue, sunlight, 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 ropes and gear. Sterling reserves the right to inspect your product 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.

Climb 2017 Part #CATCLIMB © 2016, Sterling Rope Company, Inc.