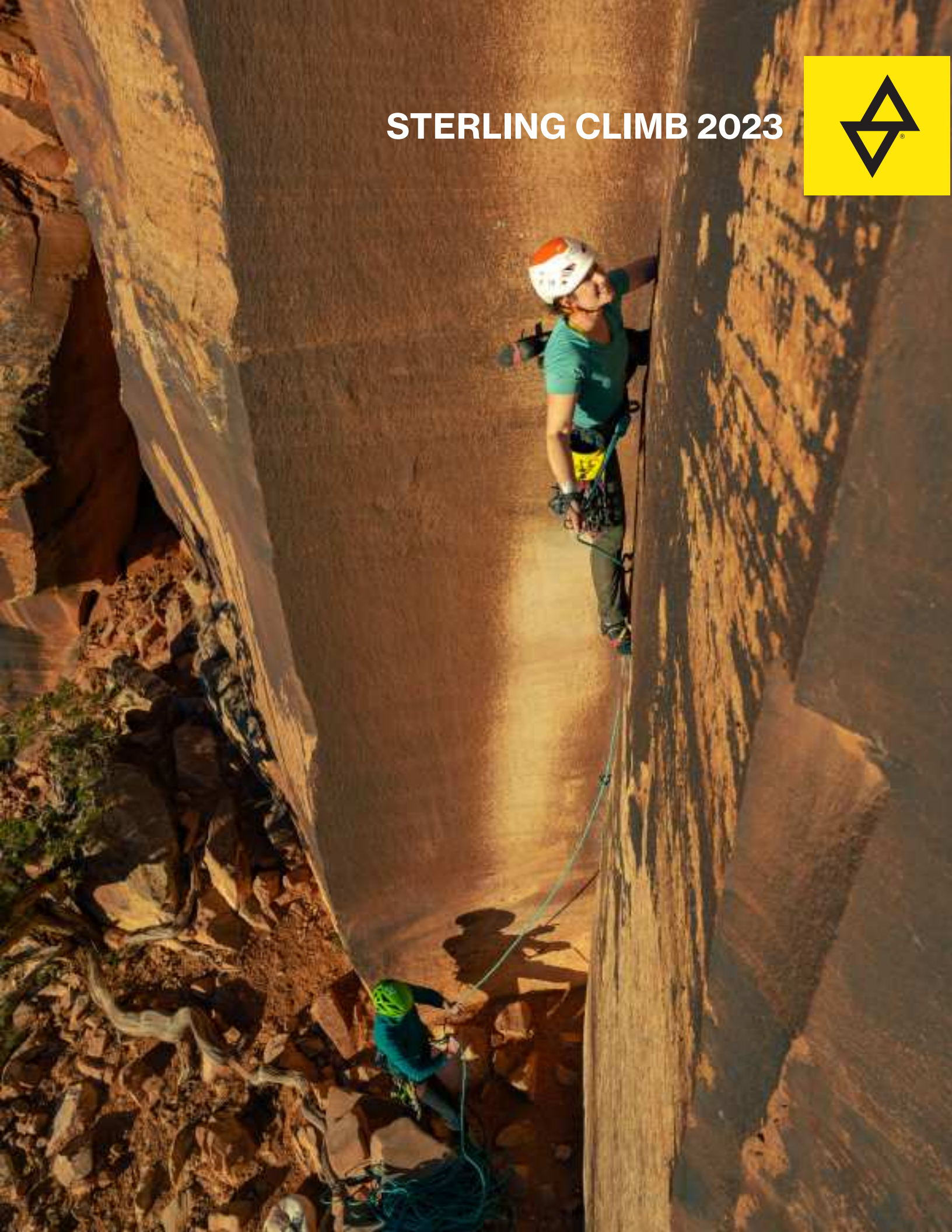
STERLING CLIMB 2023



Our Pledge is Simple

We are committed to making the absolute best life-safety rope and equipment for those who use and rely on that product, and to never compromise quality. We will never stop innovating solutions to real-world situations and we promise to deliver the best customer service and most reliable product possible. At Sterling, we are proud to make everything right here in the USA, in fact, under one roof in Biddeford, Maine. Since our beginnings in 1993, we made a commitment to be a US manufacturer, to keep all our processes in-house and, as much as possible, work with US-based partners and vendors. By designing and producing here, we can assure the best outcome, our trademark durability and quality.

Product Quality & Customer Service

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

Contact Sterling

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26 Morin Street
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climb@sterlingrope.com

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| @SterlingRope
| SterlingRope
#SterlingRope

Cover image is Mo Beck and Anna Pfaff climbing on a Ion R 9.4 mm XEROS rope in Indian Creek, Utah.



Ivo Beck climbing on the Quest 9.6 mm in Huntington Canyon, UT/ Photo Credit: Will Saunders + Well Good Productions

Sterling 2023

4 XEROS Technology

6 Dynamic Ropes

10 Gym & Rope Courses

12 Canyoneering / Taglines

15 Static Ropes

17 Systems
- 17 AZTEK™ Elite
- 18 Pocket Hauler™
- 18 Mini-Hauler

19 Cordage & Webbing
- 19 Accessory Cords
- 19 GloCords™, Packaged Cords and High-Tenacity Cords
- 20 Sewn Cord
- 21 Webbing
- 22 Sewn Webbing

23 Hardware
- 23 Pulleys, ATS™ and PermaDraw
- 23 Rope Care
- 24 Carabiners

25 Bags

26 Carbon Neutrality

28 Rope Reycling Program

30 Technical Specs

A revolution in dry rope: Introducing Xeros technology

XEROS technology is a whole new way to manufacture UIAA Certified dry rope that's more effective, wear resistant, better for the environment, and lower cost – and only available from Sterling.

Wet rope is weaker rope. The numbers don't lie: Rope loses 20% to 40% of its strength when wet. And that can happen if you're caught in a downpour, climbing an icy pitch, or even just dealing with prolonged exposure to high humidity.

The solution? Dry rope.

But it's not a perfect solution. Traditional dry ropes are made "dry" with an exterior coating that keeps water out. That coating can wear (leaving the rope vulnerable to water), the finish can feel tacky (so it picks up dirt), and the process to coat the rope is labor-intensive – increasing cost and waste.

We wanted to do better. So we went back to the drawing board for what a dry rope could be – and uncovered a whole new way to make dry rope.

Stay strong in the wet

XEROS technology creates a dry rope with next-level performance – and without a sticky, vulnerable-to-wear outer coating. Because of the process, both the core and sheath are protected with XEROS, which reduces performance issues related to sheath slippage. All for a minimal price increase over traditional non-dry rope.

Try it for yourself with these ropes that use XEROS technology and are ready for anything.

- Dyad 7.7 mm
- Duetto 8.4 mm
- Nano 8.9 mm
- Aero 9.2 mm
- Ion R 9.4 mm
- Quest 9.6 mm
- Velocity 9.8 mm
- T-10 10.0 mm

This is XEROS technology

We spent the past three years working closely with our bluesign®-certified nylon yarn supplier in an exclusive partnership that let us develop an entirely new way to create dry rope.

What we've created is not a coating applied to the rope, or a separate liquid bath treatment. It's a new step in the manufacturing process of individual nylon fibers, before they're even twisted into yarn, that makes each fiber water resistant. When we make dry rope using these fibers, the result is a product that blows traditional dry rope out of the water.

And that's not the only thing that makes XEROS technology a breakthrough.

Along with being PFOA and PFAS long-chain free, like all Sterling ropes, the XEROS technology process:

- Reduces waste
- Reduces energy use
- Reduces labor

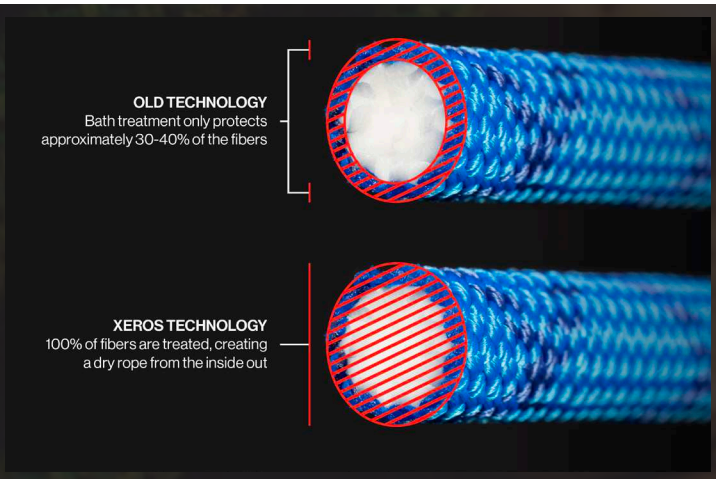
XEROS

"I had the opportunity to test the first generation of Sterling's new XEROS, and I've had my hands on every test version since. Hands on and hands down there is no comparison with other dry-treated ropes, even Sterlings' previous DryXP. Every now and then, few and far between, new innovation changes the game. Sterling's XEROS is one of these game-changing innovations."

—Angela Hawse, Sterling Athlete, IFMGA Mountain Guide and President of AMGA

In other words, this new process is better for the environment. And best of all, climbing rope with XEROS technology costs significantly less than rope made with traditional dry treatments. That's right – now you can have a rope that's really ready for anything.

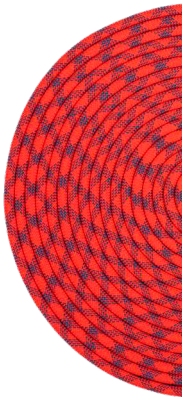
#SterlingSolid #SterlingXEROS #readyforanything



Dynamic Ropes

XEROS
UIAA Dry certified built with Sterling XEROS technology.

Superior Protection for the Minimalist Climber



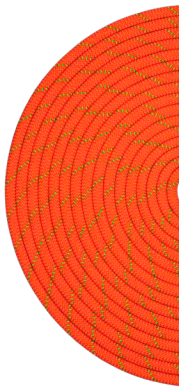
Dyad™ 7.7 mm NEW XEROS

Weight (g/m): 38
Sheath (%): 34
Length: 30, 40, 60, 70 m

The Dyad 7.7 brings together the decades of experience from the Sterling team to bring to life a lightweight UIAA double/twin rated with the legendary durability the brand is known for. Go all day without breaking your back. Confidence never felt so light.

UIAA 101 / EN 892

Two is better than one



Duetto™ 8.4 mm XEROS

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

Ideal for long, wandering routes, run-outs, ice climbs or sketchy trad leads. The smooth, high-twist sheath and unique core allow the Duetto to be durable and easy to handle while reducing drag through gear and over rock.

UIAA 101 / EN 892

Triple-Rated Redpoint Master



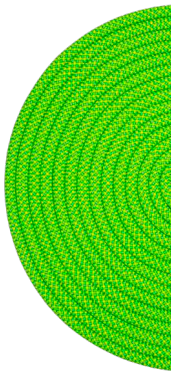
Nano™ 8.9 mm NEW XEROS

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

When you are ready to push your sport or trad climbing to the limit, the Nano 8.9 mm is the tool to take along. This UIAA triple rated rope gives you unsurpassed performance per gram when you're going for the send.

UIAA 101 / EN 892

Skinny cord with a burly sheath



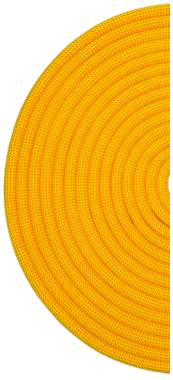
Aero™ 9.2 mm XEROS

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

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

UIAA 101 / EN 892

Firm hand, easy to clip



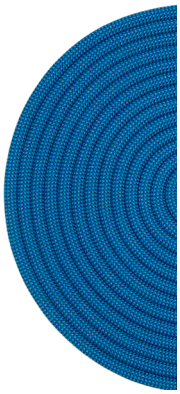
Ion R™ 9.4 mm XEROS

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

A guide favorite, the Ion R 9.4 mm offers durability in a perfect, mid-range size that is notable for its firm, tactile feel that is easy to clip and works well with a multitude of gear.

UIAA 101 / EN 892

Balance of Weight and Durability



Quest™ 9.6 mm XEROS

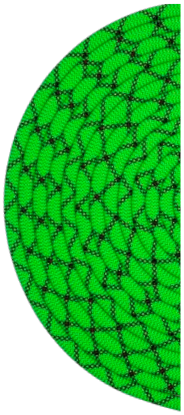
Weight (g/m): 60.1
Sheath (%): 34
Length: 40, 50, 60, 70, 80 m

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

UIAA 101 / EN 892

XEROS
UIAA Dry certified built with
Sterling XEROS technology.

Perfect project rope with a soft catch



Velocity™ 9.8 mm XEROS

Weight (g/m): 62
Sheath (%): 35
Length: 40, 50, 60, 70, 80 m

Our flagship and all-rounder for use in virtually any condition, the Velocity has a near-perfect balance of characteristics for a wide variety of climbing styles and conditions. The Velocity delivers a soft catch- perfect for a project rope.
UIAA 101 / EN 892

Versatile, Best Value



VR9™ 9.8 mm

Weight (g/m): 62
Sheath (%): 35
Length: 40, 50, 60, 70 m

The 9.8 mm is a single dynamic rope for price-conscious climbers not looking to sacrifice quality. The VR9 gives you a lighter weight option for multi-pitch routes.
UIAA 101 / EN 892

For gnarly expeditions or top-rope laps



T-10™ 10.0 mm XEROS

Weight (g/m): 65
Sheath (%): 35
Length: 60, 70 m

Drawing its design from big wall climbers, the T-10 is built to last and stand up to the wear and tear of multi-pitch adventures.
UIAA 101 / EN 892



Anna Pfaff Cimbing on the Nano 8.9 XEROS in Moab UT. Photo by Well Good Media.

UIAA Dynamic Rope Certifications
Single ① *Half* ½ *Twin* ⓪⓪

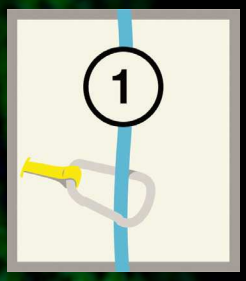
XEROS = Dry-treated ropes that exceed the UIAA Water Repellent standard of 5%water absorption.

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

UIAA Dynamic Rope Certifications

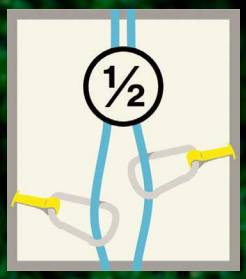
All of Sterling's dynamic ropes are UIAA Certified as Single, Twin, and/or Half Ropes and are designated as such by using the following symbols.

Nano and Aero (pg 4) are triple-certified ropes.



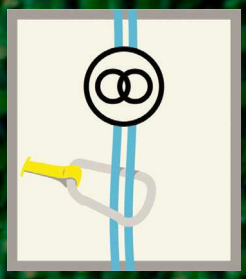
A single rope is the sole rope you use while you climb; clipping all gear to the one rope.

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



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

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



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

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

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

A higher fall rating does not equal a better rope.

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

Sterling builds ropes for real-world performance, not to achieve the highest numbers on a test. Our ropes are designed to offer optimal handling, catch and durability all while meeting UIAA standards.

When assessing a rope for retirement and replacement, follow the rope care guidelines that came with your rope.

For additional info, visit SterlingRope.com.

What is Send Ready Coil?



Look for this icon

SEND READY COIL

You'll know your rope is send ready by the shape of its finished coil.

Send Ready Coil is our new process for hanking a new rope that's ready-to-climb, straight from the factory. No uncoiling and flaking necessary!

What makes it different than our current lineup?

Sterling's old factory coil looks good on the shelf, but it's not ready for climbing. The current new ropes, require specific uncoiling processes to avoid kinks and twists in a new rope. The Send Ready Coil ropes will be climb ready, no excessive flaking or running through devices before climbing.

What products will be Send Ready coiled?

All Sterling dynamic ropes are Send Ready coiled.

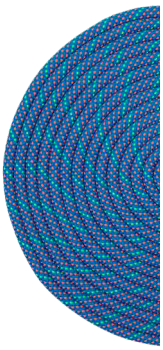
How will folks know whether the rope is Send Ready Coil?

Send Ready Coils look like a backpack coil. Look for the icon on your Sterling packaging.

Gym & Rope Courses

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

Slimmer Durable Top Rope



ReVO™ 9.8 mm

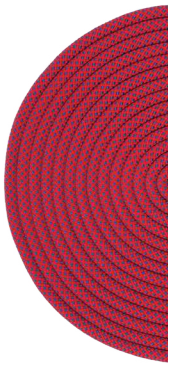
Weight (g/m): 61.2
Length: 30, 40, 200 m

The 9.8 mm Gym ReVO is a low-elongation rope for top-rope use only. The smaller diameter provides less resistance around a belay bar anchor making belaying smoother, especially with lighter-weight partners. Utilizing the ReVO's unique braided core construction, the new ReVO minimizes sheath slippage and will maintain consistent performance after extended use on the gym wall.

EN 1891: Type A

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

Ideal Top Rope



ReVO™ 10.1 mm

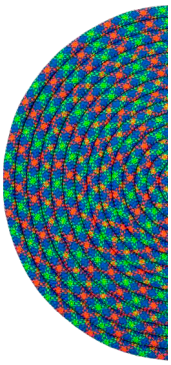
Weight (g/m): 65
Length: 30, 40, 200 m

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

EN 1981: Type A

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

Low Profile Lead Rope



Sprint™ 9.9 mm

Weight (g/m): 65 ①
Static Elongation (%): 8.0
Length: 30, 40, 50, 200 m

The Sprint 9.9 mm gym rope is ultra-durable and designed to stand up to the demands of lead climbing in busy gyms. With a desirable sub-10 mm diameter and firmer feel, it's easier to handle and clip for all lead climbing abilities while providing exceptional longevity for commercial gym operations.

UIAA 101 / EN 892

Supple Lead Rope



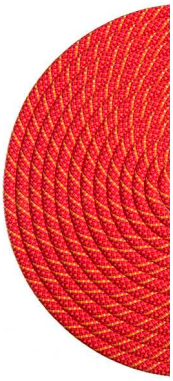
Slim Gym™ 10.1 mm

Weight (g/m): 63 ①
Static Elongation (%): 8.5
Length: 30, 40, 50, 200 m

The Slim Gym is perfect for testing your indoor lead skills with a comfortable 10.1 mm diameter and supple feel. This time-tested favorite has proven to be a wise choice for gyms that want a 10 mm lead rope with unmatched performance.

UIAA 101 / EN 892

Great Handling, Low Elongation



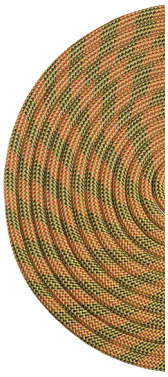
Phenom™ 10.3 mm

Weight (g/m): 67 ①
Static Elongation (%): 6.5
Length: 30, 40, 50, 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

Thick Diameter, Extreme Durability



Big Gym™ 10.7 mm

Weight (g/m): 70 ①
Static Elongation (%): 9.0
Length: 200 m

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

UIAA 101

UIAA Dynamic Rope Certifications
Single ① *Half* ½ *Twin* ⓪⓪

Ara Morton climbing on the Sprint 9.9 mm lead rope at Salt Pump Climbing Gym in Scarborough, ME. Photo: Sasha Leland + Sparks and Fuel



Baby Dill Bag

A chalk bag built for function with attention to details. Zipper pocket to stash essentials, elastic brush holder, a plush fleece-lined main pocket, and secure cord-lock closure.

Also sold in packs of 6



PermaDraw

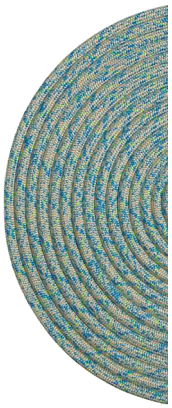
Length: 13"

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


STERLING

Canyoneering

Mystery potholes. Sharp rocks. Lengthy rappels. High-volume waterfalls. Extended floats. These are but a few of the attractions and obstacles of canyoneering. Unique environmental challenges require specialty ropes dedicated to this pursuit. Our line of canyon ropes has been improved by extensive in-use testing.



Super Lightweight, Packable

CanyonLux™ 8.0 mm

Weight (g/m): 41.2

MBS Rating (lb): 5,440

Elongation at 300 lb (%): 3.3

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

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



Durable Sheath, Non-Absorbent Core

C-IV™ 9.0 mm

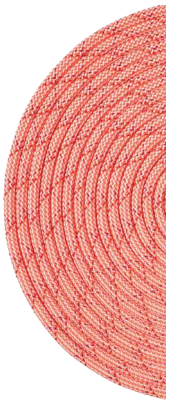
Weight (g/m): 46.9

MBS Rating (lb): 4,653

Elongation at 300 lb (%): 2.0

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

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



Best Value

CanyonPrime™ 8.5 mm

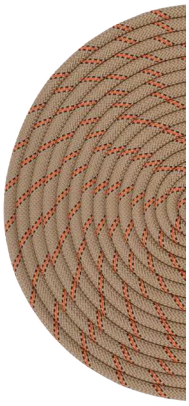
Weight (g/m): 56.4

MBS Rating (lb): 3,821

Elongation at 300 lb (%): 1.7

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

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



Thickest Diameter, Strong Nylon Core

CanyonTech™ 9.5 mm

Weight (g/m): 63

MBS Rating (lb): 6,744

Elongation at 300 lb (%): 3.4

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

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

EN 1891: Type B

Tag Lines

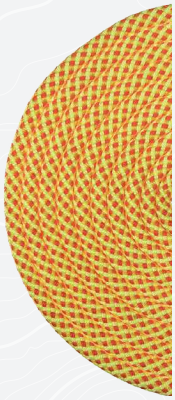
Also called ‘pull cords’ or ‘rap lines,’ our small and lightweight Tag Lines come in three diameters and are most often used for doubling with a single rope to make long, full-length rappels. Proper Tag Line setup can be immensely helpful to technical climbers, but should only be attempted by climbers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



6 mm TRC™

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

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



7 mm TAG™

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

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

EN 564



8 mm TAG™

MBS: 3,574 lb
Weight: 44 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

SterlingRope.com | 2023 14

How to choose the right static rope.

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

Jugging (aka ascending): Almost any static rope can be used as a jugging line. If the rope is going to be fixed on vertical terrain, a low-elongation (stretch) rope, such as HTP, 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. Look to our 3/8" WorkPro or SuperStatic2 for a skinnier choice.

Rescue: Small teams needing to be light and fast and conducting single pick-off rescues may use skinnier ropes, such as our 3/8" HTP, combine with a 3/8" or 7/16" SuperStatic belay line.

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, such as HTP, WorkPro and Superstatic. SafetyPro can also be used, but has more stretch.

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

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

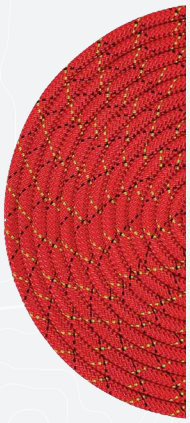
GOOD This rope is a **good** choice to use for this application.

OK The rope is OK to use for this application.

NR Not recommended for the application.

Static Ropes

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



3/8" WorkPro™ (10 mm)

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

Versatile static line that's ideal for rappelling, hauling, and jugging. WorkPro can be used for any application requiring a rugged, strong and durable low stretch rope.

EN 1891: Type A
NFPA 1983: Technical

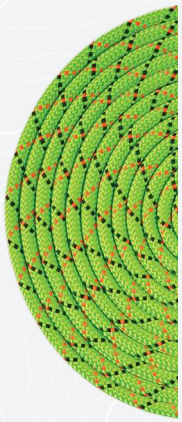


1/2" WorkPro™ (12.5 mm)

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

Balance of strength and handling suited for rescue scenarios. WorkPro can be used for any application requiring a rugged, strong and durable low stretch rope.

EN 1891: Type A
NFPA 1983: General



7/16" WorkPro™ (11 mm)

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

Features the abrasion resistance of HTP™ with a soft hand and energy absorption of a nylon rope. Designed for use in fixed line, hauling, jugging, rappelling, and anchors.

EN 1891: Type A
NFPA 1983: Technical

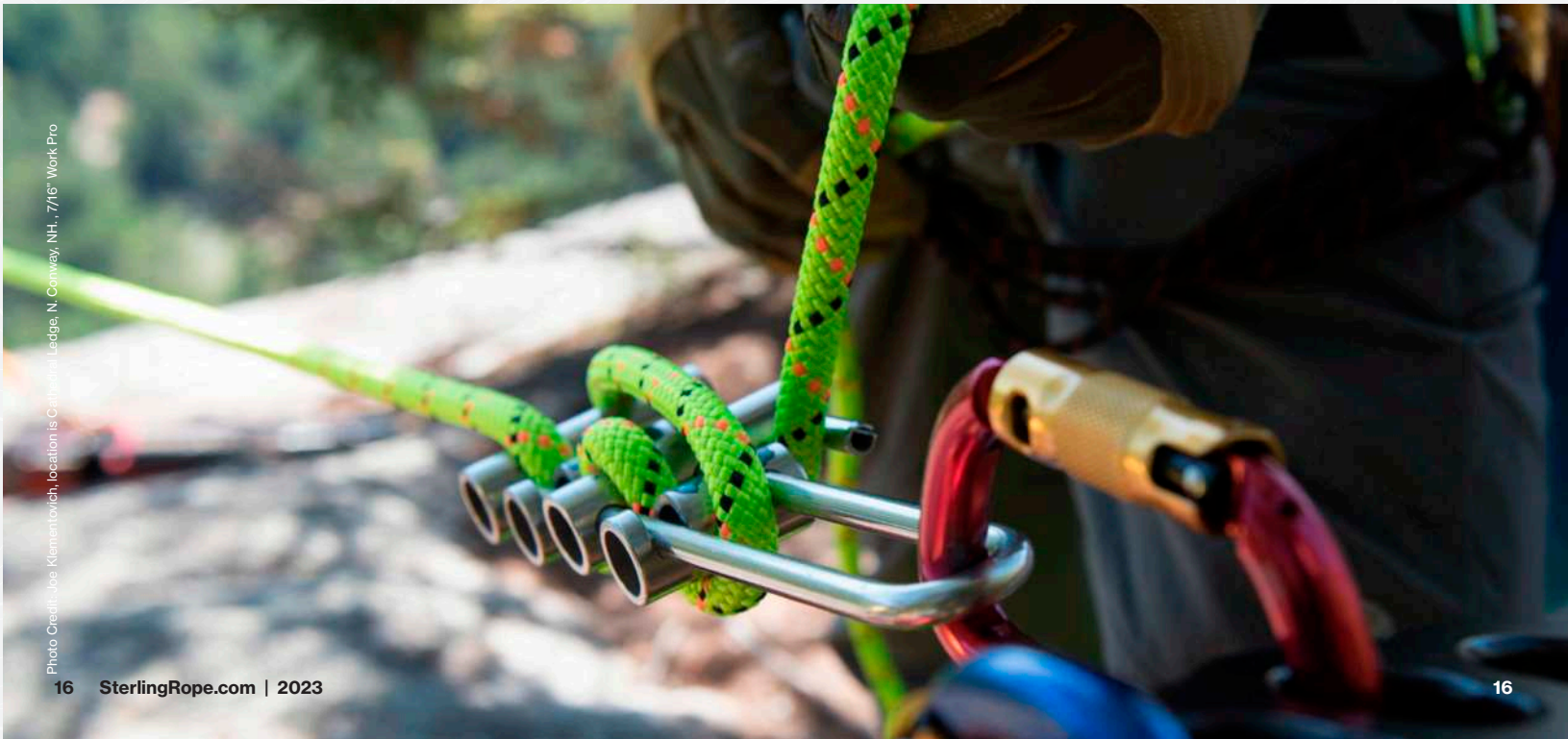
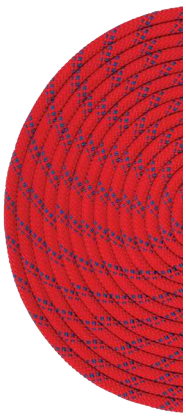


Photo Credit: Joe Klementovich, location is Cannon at Ledge, N. Conway, NH. 7/16" Work Pro

16

Compatible

Our 100% nylon rope features a high denier, durable sheath and more cores to create long-lasting ropes with a supple feel. SuperStatic2™ ropes are designed specifically to maintain maximum strength while maintaining flexibility for easily handling and seamless integration with hardware and gear.

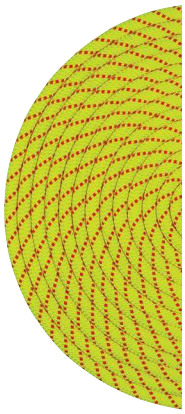


3/8" SuperStatic2™ (9.5 mm)

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

Lightweight technical rescue and rappel rope. Use SuperStatic2 for belay lines, mountain rescue and hauling.

NFPA 1983: Technical



7/16" SuperStatic2™ (11 mm)

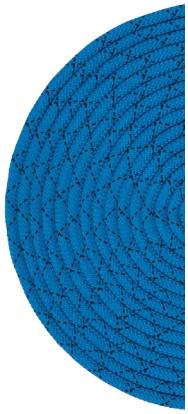
MBS: 6,519 lb
Elongation at 300 lb: 3.2%
46, 61, 92, 183, 200 m

A do-it-all static rope that can withstand heavy abuse. Use SuperStatic2 for belay lines, mountain rescue and hauling.

NFPA 1983: Technical

All-Weather

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

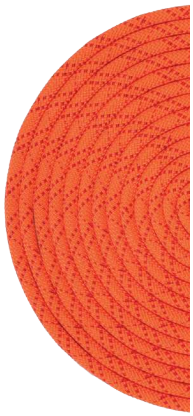


9 mm HTP™

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

For heavy rigging and low-stretch applications. HTP are great ropes to use when setting up high lines, Tyrolean's or hauling. Use when strength and low to no stretch are critical.

NFPA 1983: Technical



3/8" HTP™ (10 mm)

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

Very low elongation for haul systems. HTP are great ropes to use when setting up high lines, Tyrolean's or hauling. Use when strength and low to no stretch are critical.

NFPA 1983: Technical



7/16" HTP™ (11 mm)

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

High strength and low elongation in a lightweight package. HTP are great ropes to use when setting up high lines, Tyrolean's or hauling. Use when strength and low to no stretch are critical.

NFPA 1983: Technical

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

Weight: 3.8 lb / MBS: 6,295 lb (NFPA - General version)

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

Kit includes:

(1) AZTEK Omni Block Swivel Pulleys (2 in kit)
MBS: 8,093 lb, EN 12278

(2) 50' of 8 mm Edge Restraint with Sewn Eye
MBS: 3,147 lb

(3) 6 mm Sewn Ratchet Prusiks (2 in kit)

(4) SafeD™ Carabiner (3 in kit) MBS: 6,295 lb

(5) 8 mm Steel Screwlink

(6) 6 mm Travel Restraint

(7) AZTEK Carrying bag

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





Photo Credit: Joe Klementovich, location is Cathedral Ledge, N. Conway, NH. AZTEK Elite

Systems



Pocket Hauler™

4:1 or 5:1 Mechanical Advantage Kit

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

Kit includes:

(1) SR Mini-Double pulleys (2 in kit) Machined aluminum pulleys are prusik-minding and provide efficient mechanical advantage. MBS: 4,946 lb, EN 12278

(2) 50' of 8 mm cord with sewn eye

(3) Hawk™ autolock carabiners (2 in kit) Asymmetrical D-shaped carabiner made from high-quality aluminum. MBS: 6,295 lb

(4) 6 mm sewn ratchet prusik

(5) 8 mm Screwlink

(6) Carrying bag Dual compartment for separating the pulley system and Edge Restraint cord.



Mini-Hauler

1 m (3.3 ft) length
MBS: 1,142 lb

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

Kit includes:

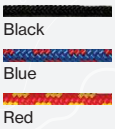
(1) HaulerBiners (2 in kit)

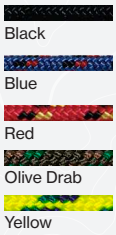
(2) 6 mm cord

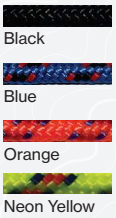
(3) Mesh Sleeve

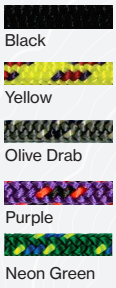
Accessory Cords

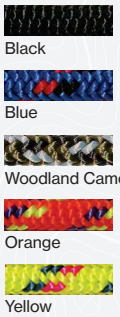
Our smaller, multi-use cords have come to be well-respected and sought-after in their own right. Accessory cords are designed and produced with the same construction methods and high-quality yarns as our ropes. Many cords come in a variety of pre-cut lengths or spools for additional convenience.

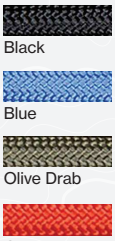
1.5 mm

Black
Blue
Red

2 mm

Black
Blue
Red
Olive Drab
Yellow

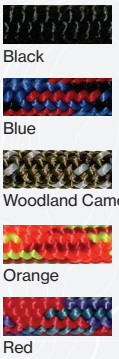
2.75 mm

Black
Blue
Orange
Neon Yellow

3 mm

Black
Yellow
Olive Drab
Purple
Neon Green

4 mm

Black
Blue
Woodland Camo
Orange
Yellow

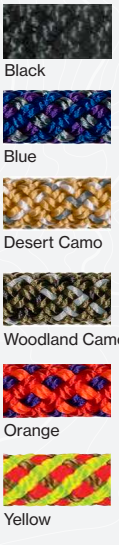
550 Paracord

Black
Blue
Olive Drab
Orange

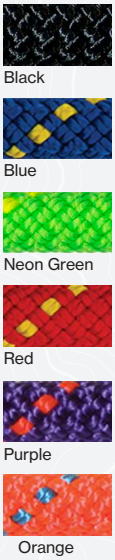
5-8 mm certified to EN 564

5 mm

Black
Blue
Woodland Camo
Orange
Red

6 mm

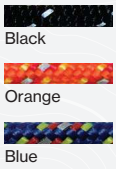
Black
Blue
Desert Camo
Orange
Red
Yellow
Neon Green

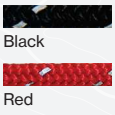
7 mm

Black
Blue
Desert Camo
Woodland Camo
Orange
Yellow

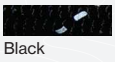
8 mm

Black
Blue
Neon Green
Red
Purple
Orange

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

Black
Orange
Blue

3 mm

Black
Red

4 mm

Black

5 mm

Black
Orange

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.

High-Tenacity Cord Name/Diameter	MBS (lb)	(kN)	CE EN 564	Fibers (sheath/core)
5.4 mm V-TX Cord™	3,372	15.0	No	Polyester/HMPE
5.9 mm PowerCord™	4,384	19.5	Yes	Nylon/Technora™
6 mm XTec™	4,721	21.0	No	100% Technora
6 mm TRC™	3,484	15.5	No	Technora/Nylon
6.8 mm TVac™	3,619	16.1	No	Technora/Nylon

Sewn Cord





HollowBlock2™

MBS: 3,147 lb
13.5, 19" lengths

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



AutoBlocks™

MBS: 2,810 lb
13.5" length

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



Purcell™

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

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



Phenom™ Dynamic
Lanyard



SafetyPro™
Lanyard



SafetyPro™
Y-Knot Lanyard

Lanyards

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

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



8 mm Bound Loop Prusik™

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

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

Webbing

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

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
300' spool

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

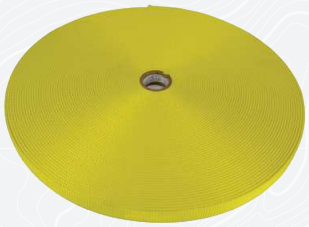
Black
Neon Yellow
Purple
Tan
Green
Red
Blue
Silver
Orange

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
Neon Yellow
Purple
Olive Drab
Green
Red
Blue
Coyote Brown
Orange



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



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

Sewn Webbing

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



Nylon Slings

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

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

EN 566

11/16"

Silver
Blue
Red
Neon Green
Black

1" Tubular

Black
Neon Yellow
Green
Red
Blue
Purple
Orange

1" Flat

Yellow



Dyneema Slings

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

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

10 mm

Yellow/White

12 mm

Blue
Orange
Black



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

EN 795 B

Blue
Neon Green
Black
Red



Pro Chain Reactor

Neon Green

Hardware

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



PermaDraw

Length: 13"

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



ATS™ Device

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

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

Steel ATS™ Device

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

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

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 Wash

Proper care extends the life expectancy of a rope and cleaning is a major component of care. Our biodegradable technical wash comes in .83 fl oz packages, which clean one rope. Available in a box of 20.

Carabiners



Falcon™/Falcon Talon™ Carabiner

Small pear-shaped

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



Eagle™ Carabiner

Large pear-shaped

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



Osprey™ Carabiner

Oval-shaped

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



Hawk™ Carabiner

Asymmetric D-shaped

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



SafeD™ Carabiner

Asymmetric D-shaped

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



Steel Carabiner

Asymmetric D-shaped

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

Screwlock



Autolock



Most carabiners are available in either autolock or screwlock closures.

Bags



The Wonderwall NEW

This 33L is a top-loading roll-top duffel that gives trad and sport climbers access to gear and various packing options, making it probably the most versatile crag pack in the world. The wide mouth front zipper opening allows fast and easy access to all of your gear.



The Bartleby NEW

This 28L fits all the essentials in a streamlined carry, blending modern design with style and utility. Zips open and lies flat to feature separate laptop and shoe compartments. Lightweight yet durable fabric make it an indispensable pack for gym climbers who need to combine work and play.



Pickle Bucket Climb Tote

The climber's bucket bag designed for the gym with bonus features to get you to the crag or farmer's market.



Baby Dill Chalk Bag

A chalk bag built for function with attention to details. Zipper pocket to stash essentials, elastic brush holder, a plush fleece-lined main pocket, and secure cord-lock closure. Sold as single bags or packs of 6.



Rope Bags NEW

Made with abrasion resistant 1600D poly, reinforced carry straps and an internal liner, these heavy duty bags feature comfortable shoulder straps, a WLL of 90 lbs, a clear document pocket, an information patch on bottom, a rope tie off inside as well as a drainage hole in the bottom of the bag.

Size	Volume (L)	Rope Capacity (ft)
Small (yellow)	17	200' (of 3/8" dia.)
Medium (blue)	31	300' (of 3/8" dia.)
Large (red)	45	600' (of 3/8" dia.)

Sterling Achieves Carbon Neutrality

> ***Through a partnership with the Arbor Day Foundation, we have achieved carbon neutrality through offsetting 100% of carbon emissions in 2021 with the purchase of qualifying carbon credits.***

We're Climate Neutral Certified through Climate Neutral, a non-profit organization that is dedicated to working toward carbon neutrality by measuring and offsetting companies' carbon emissions, while working to reduce their future carbon footprint.

Early in 2020, our parent company, Vertical Supply Group (VSG), embarked on a plan to develop an Environmental and Social Governance (ESG) plan. We worked with a 3rd party agency to perform a comprehensive audit of VSG's overall carbon footprint. They took into account our operations, travel, heating, cooling, vehicle usage and more.

Following this analysis, VSG sought a partnership with an organization that was aligned with our mission of environmental sustainability. Through a partnership with the Arbor Day Foundation, we have achieved carbon neutrality through offsetting 100% of carbon emissions in 2021 with the purchase of qualifying carbon credits. To further our commitment, we have partnered with Arbor Day Foundation in a multi-year relationship to help us become a more sustainable company both internally and externally.

Renewable Energy

Our rope manufacturing facility runs on 100% renewable energy.

100% Carbon Neutral

We measured and offset 100% of our carbon emissions through purchasing carbon offsets with Climate Neutral and Arbor Day Foundation.

Rope Recycling Program

We're the longest running dynamic rope recycling program in the country where we take back any dynamic rope – whether or not it's a Sterling.

Waste and Material Management

95% of fibers get made into finished products and our Nylon supplier is bluesign certified to which they adhere to the highest levels of chemical and toxicity management.

Learn more about Sterling's many sustainability initiatives at the following link: SterlingRope.com/Sustainability

Sterling Rope Recycling Program

Now it's easier than ever to recycle your old climbing rope.

In 2008, we initiated the first dynamic rope recycling program in the country, where we take back old, used dynamic ropes- whether they are ours or made elsewhere. We work with local artists or recycling partners to give these ropes new life.

How Do I Recycle My Dynamic Rope?

1. Coil your rope in a butterfly coil or something similar (bound with a strap is OK, too).

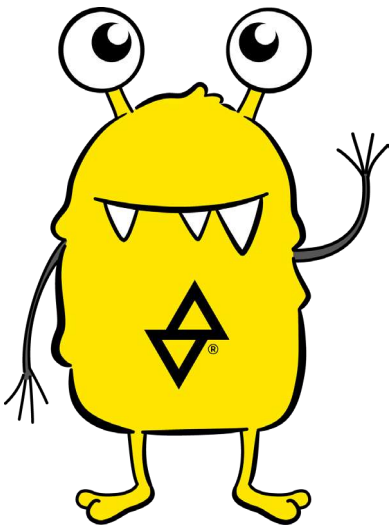
2. Bring your coiled rope to one of our participating drop off locations across the country. Just look for the Sterling Rope Monster box.

To learn more about our rope recycling program along with access to a full list of recycle locations, please visit sterlingrope.com/recycle.

You can also simply send your retired rope to the address below:
STERLING ROPE COMPANY, INC.
ROPE RECYCLING PROGRAM
26 MORIN STREET
BIDDEFORD, ME 04005-4413



Hi! I'm Recyclo.
I'm working in partnership with Sterling to preserve our outdoor spaces. Help be a part of our rope recycling story by dropping off your used rope to one of my drop-off locations.







Learn more about Sterling's rope recycling program at the following link:

SterlingRope.com/Recycle

Technical Specs

Symbols

UIAA Dynamic Rope Certifications
Single ① *Half* ½ *Twin* ⓪⓪

XEROS = *Dry-treated ropes that exceed the UIAA Water Repellent standard of 5%water absorption.*

Dynamic Ropes

Dyad™ 7.7 mm ① XEROS NEW

Length: 30, 40, 60, 70 m


Orange


Blue

UIAA Falls
6/17

Dynamic Elongation (%)
29/25

Impact Force (kN)
6.3/9.7

Weight (g/m)
39

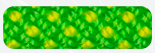
Static Elongation (%)
5.4/3.3

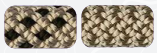
Sheath (%)
36

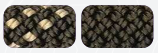
Aero™ 9.2 mm ①½⓪⓪ XEROS

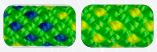
Length: 40, 60, 70, 80 m


Blue


Green


Bicolor Tan


Bicolor Olive Drab


Bicolor Green

UIAA Falls
7/21/>20

Dynamic Elongation (%)
30.2/28.9/23.6

Impact Force (kN)
8.8/8.6/10.1

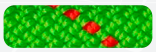
Weight (g/m)
56

Static Elongation (%)
7.5/6.6/6.1

Sheath (%)
41

Duetto™ 8.4 mm ½⓪⓪ XEROS

Length: 30, 40, 60, 70 m


Green


Orange

UIAA Falls
6/16

Dynamic Elongation (%)
30.7/28.7

Impact Force (kN)
6.2/9.3

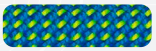
Weight (g/m)
45

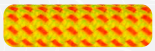
Static Elongation (%)
11.2/6.3

Sheath (%)
40

Ion R™ 9.4 mm ① XEROS

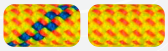
Length: 40, 60, 70, 80 m


Blue


Yellow


Olive Drab


Bicolor Olive Drab


Bicolor Yellow

UIAA Falls
5

Dynamic Elongation (%)
33.1

Impact Force (kN)
8.7

Weight (g/m)
57

Static Elongation (%)
7.2

Sheath (%)
39

Nano™ 8.9 mm ①½⓪⓪ XEROS NEW

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


Orange


Blue


Bicolor Orange

UIAA Falls
6/16/>20

Dynamic Elongation (%)
33.1/27.6/25.3

Impact Force (kN)
8.5/6.6/10.4

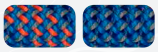
Weight (g/m)
52

Static Elongation (%)
7/7/3.6

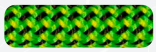
Sheath (%)
29

Quest™ 9.6 mm ① XEROS

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


Bicolor Blue


Blue


Green

UIAA Falls
8

Dynamic Elongation (%)
29.4

Impact Force (kN)
9.1

Weight (g/m)
61

Static Elongation (%)
7.7

Sheath (%)
34

Dynamic Ropes

Velocity™ 9.8 mm ① XEROS Length: 40, 50, 60, 70, 80 m



Bicolor Green | Green | Blue | Olive Drab

Also available inBicolor Tan

UIAA Falls 6	**Dynamic Elongation (%)** 28.8	**Impact Force (kN)** 8.6
Weight (g/m) 62	**Static Elongation (%)** 8.8	**Sheath (%)** 35

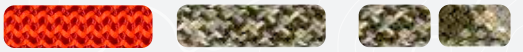
VR9™ 9.8 mm ① Length: 40, 50, 60, 70 m



Orange | Green

UIAA Falls 6	**Dynamic Elongation (%)** 28.8	**Impact Force (kN)** 8.6
Weight (g/m) 62	**Static Elongation (%)** 8.8	**Sheath (%)** 35

T-10™ 10.0 mm ① XEROS Length: 60, 70 m

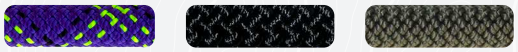


Red | Digi Camo | Bi-Pattern Digi Camo

Also available in Bicolor-Org Digi Camo

UIAA Falls 6	**Dynamic Elongation (%)** 30.0	**Impact Force (kN)** 9
Weight (g/m) 65	**Static Elongation (%)** 8.0	**Sheath (%)** 35

Mega™ 11.2 mm ① Length: 50, 60, 200 m



Purple | Black | Olive Drab

UIAA Falls 9	**Dynamic Elongation (%)** 31.8	**Impact Force (kN)** 8.7
Weight (g/m) 79	**Static Elongation (%)** 9.4	**Sheath (%)** 37

UIAA WATER REPELLENT

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

XEROS technology is a whole new way to manufacture UIAA Certified dry rope that's more effective, wear resistant, better for the environment, and more cost effective – and only available from Sterling.

XEROS = *Dry-treated ropes that exceed the UIAA Water Repellent standard of 5%water absorption.*

Canyon Ropes

CanyonLux™ 8.0 mm — Length: 30, 46, 61, 92, 200 m


Green


Blue

Diameter (mm) 8.0
MBS Rating (lb) 5,440
Elongation at 300 lb (%) 3.3
Weight (g/m) 41.2
MBS Rating (kN) 24.2
Sheath Slippage (%) 0.0

C-IV™ 9.0 mm — Length: 30, 46, 61, 92, 200 m


Green


Orange

Diameter (mm) 9.0
MBS Rating (lb) 4,653
Elongation at 300 lb (%) 2.0
Weight (g/m) 46.9
MBS Rating (kN) 20.7

CanyonPrime™ 8.5 mm — Length: 30, 46, 61, 92, 200 m


Orange


Blue

Diameter (mm) 8.5
MBS Rating (lb) 3,821
Elongation at 300 lb (%) 1.7
Weight (g/m) 56.4
MBS Rating (kN) 17.0
Sheath Slippage (%) 0.4

CanyonTech™ 9.5 mm — Length: 30, 46, 61, 92, 200 m

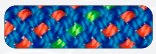

Green


Orange

Diameter (mm) 9.5
MBS Rating (lb) 6,744
Elongation at 300 lb (%) 3.4
Weight (g/m) 63.0
MBS Rating (kN) 30
Sheath Slippage (%) 0.0

Gym Ropes

ReVO™ 9.8 mm (THIS IS A SEMI-STATIC ROPE) — Length: 30, 40, 200 m


Blue


Orange

Elongation at 300lbs (%) 4.1
Impact Force (kN) 5.1
MBS Rating (lb) 5395
Weight (g/m) 61.2
Sheath Slippage -0.1
MBS Rating (kN) 24

ReVO™ 10.1 mm (THIS IS A SEMI-STATIC ROPE) — Length: 30, 40, 200 m

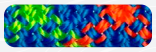

Blue


Red


Yellow

Weight (g/m) 65
Impact Force (kN @ FF .3) 4.7
MBS Rating (kN) 25.6
Elong. (50 kg to 150 kg) (%) 4.0
MBS Rating (lb) 5,754
Sheath Slippage (%) 0.0

Sprint™ 9.9 mm ① — Length: 30, 40, 50, 200 m


Blue

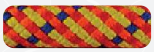

Orange

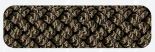
UIAA Falls 8
Dynamic Elongation (%) 30
Impact Force (kN) 9.0
Weight (g/m) 65
Static Elongation (%) 8.0
Sheath (%) 35

Phenom™ 10.3 mm ① — Length: 30, 40, 50, 200 m


Blue

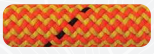

Red

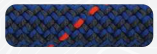

Yellow

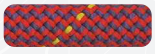

Olive Drab

UIAA Falls 11
Dynamic Elongation (%) 30.6
Impact Force (kN) 9.0
Weight (g/m) 67
Static Elongation (%) 6.5
Sheath (%) 39

Slim Gym™ 10.1 mm ① — Length: 30, 40, 50, 200 m

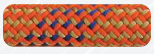

Orange

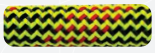

Blue


Red

UIAA Falls 6
Dynamic Elongation (%) 35.3
Impact Force (kN) 8.9
Weight (g/m) 63
Static Elongation (%) 8.5
Sheath (%) 42

Big Gym™ 10.7 mm ① — Length: 200 m


Orange


Yellow

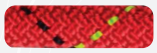

Purple

UIAA Falls 8
Dynamic Elongation (%) 36.1
Impact Force (kN) 8.6
Weight (g/m) 70
Static Elongation (%) 9.0
Sheath (%) 38

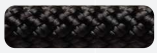
Static Ropes

3/8" WorkPro™

Length: 46, 61, 92, 200 m


Red


White


Black

Diameter (mm)
10.0

MBS Rating (lb)
6,519

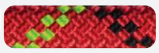
Elongation at 300 lb (%)
3.5

Weight (lb/100')
4.5

MBS Rating (kN)
29.0

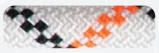
1/2" WorkPro

Length: 46, 61, 92, 200 m


Red


Blue


Neon Green


White


Black

Diameter (mm)
12.5

MBS Rating (lb)
10,116

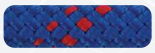
Elongation at 300 lb (%)
2.5

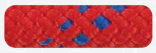
Weight (lb/100')
7.2

MBS Rating (kN)
45.0

3/8" SuperStatic2™

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


Blue


Red


Olive Drab


Black

Diameter (mm)
9.5

MBS Rating (lb)
4,945

Elongation at 300 lb (%)
3.3

Weight (lb/100')
4.2

MBS Rating (kN)
22.0

1/2" SuperStatic2

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

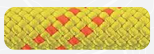

Blue


Red


Orange


Black


White


Yellow

Diameter (mm)
12.5

MBS Rating (lb)
9,239

Elongation at 300 lb (%)
1.5

Weight (lb/100')
6.8

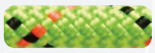
MBS Rating (kN)
41.1

7/16" WorkPro

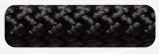
Length: 46, 61, 92, 200 m


Red


Blue


Neon Green


White


Black

Diameter (mm)
11.0

MBS Rating (lb)
8,092

Elongation at 300 lb (%)
3.5

Weight (lb/100')
5.6

MBS Rating (kN)
36.0

7/16" SuperStatic2

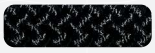
Length: 46, 61, 92, 183, 200 m


Blue


Red


White


Orange


Black

Diameter (mm)
11.0

MBS Rating (lb)
6,519

Elongation at 300 lb (%)
3.2

Weight (lb/100')
5.5

MBS Rating (kN)
29.0

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

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

Static Ropes

9 mm HTP™

Length: 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

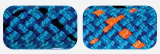
Elongation at 300 lb (%)
1.6

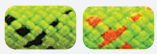
Weight (lb/100')
4.3

MBS Rating (kN)
20.0

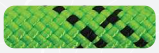
3/8" HTP

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


Bicolor Blue


Bicolor Neon Green


Blue


Neon Green


Olive Drab


Orange


Red


Black


White

Diameter (mm)
10.0

MBS Rating (lb)
5,979

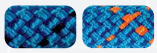
Elongation at 300 lb (%)
1.4

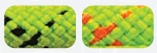
Weight (lb/100')
5.3

MBS Rating (kN)
26.6

7/16" HTP

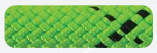
Length: 150, 165, 200, 300, 600, 660' | 46, 50, 61, 92, 183, 200 m

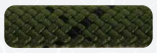

Bicolor Blue


Bicolor Neon Green


Blue

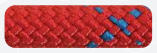

Black


Neon Green


Olive Drab


Orange


Yellow


Red


White

Diameter (mm)
11.0

MBS Rating (lb)
6,856

Elongation at 300 lb (%)
1.9

Weight (lb/100')
6.5

MBS Rating (kN)
30.5

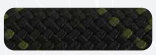
1/2" HTP

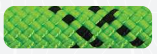
Length: 150, 165, 200, 300, 600, 660' | 46, 50, 61, 92, 183, 200, 366 m


Blue


Red


Orange


Black


Neon Green


Yellow


White

Diameter (mm)
12.5

MBS Rating (lb)
9,081

Elongation at 300 lb (%)
1.0

Weight (lb/100')
8.0

MBS Rating (kN)
40.4

5/8" HTP

Length: 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 (%)
1.6

Weight (lb/100')
12.5

MBS Rating (kN)
57.8

Static Ropes

9 mm SafetyPro™

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


White


Black


Red

Elongation at 300 lb (%)
1.9

Sheath Slippage (%)
0.0

MBS Rating (lb)
4,271

Weight (lb/100')
3.4

Impact Force (kN @ FF .3)
4.4

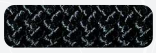
MBS Rating (kN)
19.0

10.5 mm SafetyPro

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


Blue


Red


Black


White

Elongation at 300 lb (%)
2.8

Sheath Slippage (%)
0.0

MBS Rating (lb)
6,114

Weight (lb/100')
4.7

Impact Force (kN @ FF .3)
5.8

MBS Rating (kN)
27.2

10 mm SafetyPro

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


Blue


Red


Black


White

Elongation at 300 lb (%)
4.5

Sheath Slippage (%)
0.0

MBS Rating (lb)
5,575

Weight (lb/100')
4.2

Impact Force (kN @ FF .3)
5.9

MBS Rating (kN)
24.8

11 mm SafetyPro

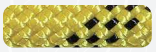
Length: 150, 200, 300, 600, 660' | 50, 61, 92, 183, 200 m


Blue


Red


Black


White


Yellow

Elongation at 300 lb (%)
3.3

Sheath Slippage (%)
0.0

MBS Rating (lb)
7,306

Weight (lb/100')
5.1

Impact Force (kN @ FF .3)
5.9

MBS Rating (kN)
32.5

Water Rescue Ropes

WaterLine™

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


3/8" (Red + Yellow Tracer)


3/8" (Yellow + Red Tracer)


5/16" (Yellow + Blue Tracer)


7/16" (Red + Yellow Tracer)


1/2" (Yellow + Red Tracer)


1/2" (Red/Yellow)

5/16" Waterline Specs

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

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

7/16" Waterline Specs

Diameter (mm)
11.0

MBS Rating (lb)
4,271

Elongation at 300 lb (%)
2.6

Weight (lb/100')
4.3

MBS Rating (kN)
19.0

1/2" Waterline Specs

Diameter (mm)
12.5

MBS Rating (lb)
5,754

Elongation at 300 lb (%)
1.8

Weight (lb/100')
5.2

MBS Rating (kN)
25.6

GrabLine™

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


Yellow + Orange

3/8" GrabLine Specs

Diameter (mm)
9.5

MBS Rating (lb)
3,282

Elongation at 300 lb (%)
4.2

Weight (lb/100')
3.1

MBS Rating (kN)
14.6

UltraLine™

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


1/4" (Yellow + Blue Tracer)


3/8" (Yellow + Red Tracer)

1/4" UltraLine Specs

Diameter (mm)
6.5

MBS Rating (lb)
2,495

Elongation at 300 lb (%)
1.4

Weight (lb/100')
1.3

MBS Rating (kN)
11.1

3/8" UltraLine Specs

Diameter (mm)
9.5

MBS Rating (lb)
5,237

Elongation at 300 lb (%)
1.2

Weight (lb/100')
2.6

MBS Rating (kN)
23.3

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

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

Cordage

High-Tenacity Cord

Name/Diameter	MBS (lb)	(kN)	CE EN 564	Fibers (sheath/core)
5.4 mm V-TX Cord™	3,372	15.0	No	Polyester/HMPE
5.9 mm PowerCord™	4,384	19.5	Yes	Nylon/Technora™
6 mm XTec™	4,721	21.0	No	100% Technora
6 mm TRC™	3,484	15.5	No	Technora/Nylon
6.8 mm TVac™	3,619	16.1	No	Technora/Nylon

Lanyards

Name	MBS (lb)	(kN)
Marathon™ Lanyard	3,822	17
SafetyPro™ Lanyard	5,170	23
Y-Knot™ Lanyard	5,170	23

Accessory Cord (including GloCords™)

Name/ Diameter	MBS (lb)	(kN)	CE EN 564
1.5 mm	118	0.5	No
2 mm	225	1.0	No
2.75 mm	270	1.2	No
3 mm	472	2.1	No
4 mm	876	3.9	No
5 mm	1,146	5.1	Yes
6 mm	1,843	8.2	Yes
7 mm	2,765	12.3	Yes
8 mm Prusik	3,574	15.9	Yes
9 mm	3,102	13.8	No
Paracord	550	2.4	No

Tag Lines

Name/Diameter	MBS (lb)	Static Elong. (%)	Weight (g/m)	Fibers (sheath/core)
6 mm TRC	3,484	1.7	27.6	Nylon/Technora
7 mm TAG™	2,765	3.5	31.9	Nylon/Nylon
8 mm TAG™	3,574	2.3	44.0	Nylon/Nylon

Sewn Cord

Name/Diameter	MBS (lb)	(kN)
Purcell™	2,810	12.5
HollowBlock2™	3,147	14.0
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

Name	Major Axis (kN)	Minor Axis (kN)	Open Gate (kN)	Gate Size (mm)	NFPA 1983	CE EN 12275
ASD w/ Pin*	30	16	9	15	Yes	No
Eagle™ AL	25	7	7	27	No	No
Eagle SL	25	7	7	27	No	No
Falcon™ AL	25	7	7	23	No	No
Falcon ALT	25	7	7	23	No	No
Falcon SL	25	7	7	24	No	No
Falcon SLT	25	7	7	24	No	No
Hawk™ AL	28	7	7	23	No	No
Hawk SL	28	7	7	24	No	No
Osprey™ AL	23	7	6	22	No	No
Osprey SL	23	7	6	22	No	No
SR Steel AL**	45	16	18	30	Yes	No
SR Steel SL	45	15	18	32	Yes	No
SafeD™ TL	28	11	9	25	Yes	No
SafeD AL	28	11	9	25	Yes	No
SR NLD™	29	10	9	27	No	No

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

Pulleys

Name	End-to-End MBS (kN)	Sheave MBS (kN)	Max Diameter (mm)	NFPA 1983	CE EN 12278
AZTEK™ Omni Block	36	9	8	No	Yes

Descent Control & Rigging

Name	MBS (kN)	NFPA 1983	CE
ATS™ Device	23	No	No
SR R8™	22	No	No
Steel ATS™	23	No	No

Webbing

Sewn Webbing

Name/Diameter	MBS (lb)	(kN)
11/16" Daisy Chain	2,922	13.0
Chain Reactor™	3,147	14.0
VariQuick™	5,170	23.0
3/4" ZipLink	5,170	23.0
1" 9800 Rabbit Runner	8,093	36.0

Webbing

Name/Diameter	MBS (lb)	(kN)
11/16" Tubular	3,000	13.3
1" Mil-Spec Tubular	4,000	17.8
1" Tech Tape Tubular	4,000	17.8
1" Type 18 Flat	6,000	26.7
1" Type 9800 Flat	9,800	43.6
2" Polyester Webbing (ABS)	4,618	20.5

Sewn Slings

Name	MBS (lb)	(kN)	Lengths Available (in)
10 mm Dyneema sling	5,170	23	24, 48
12 mm Dyneema sling	5,170	23	10, 24, 30, 48
11/16" Nylon sling	5,170	23	12, 24, 30, 48
1" Tubular nylon sling	5,170	23	12, 24, 36, 48
1" Flat nylon sling	11,240	50	48, 72, 96, 120

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

Sterling is a certified ISO 9001 company

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

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

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

ISO 9001 certification through SGS Yarsley.

CE 0598

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

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- Rocktoberfest
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