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The immutable forces that drive us.

Climbers are a bold and tenacious bunch. They’re prime examples of human willfulness—possessing a powerful drive to triumph over obstacles, embrace struggle and achieve all but impossible goals.

We got into this business over 20 years ago because we understand and share this drive. It runs deep in us. While the climber may be driven to climb the wall, tackle the crag, or pioneer the first ascent, we’re driven by the compulsion to build ropes and gear that help meet these demanding environments with confidence.
WE ARE STERLING.

WE ARE CLIMBERS, ADVENTURERS, ENGINEERS AND ENTREPRENEURS.
WE DESIGN AND PRODUCE THE WORLD’S FINEST ROPES, HARDWARE AND GEAR.
WE ENABLE CLIMBERS TO SAFELY CONFRONT DIVERSE, CHALLENGING CONDITIONS AS THEY EXERT THE STRENGTH OF HUMAN WILL OVER THE UNRELENTING PULL OF GRAVITY.

STERLING™
Dynamic Ropes

Fusion™ Series

Our dynamic ropes are optimized for climbing disciplines and are engineered and manufactured with preferred elongation properties for a soft catch. We offer three series of dynamic ropes: each is made to exacting standards and each possesses a distinct set of characteristics that match a wide array of climbing styles and environments.

The Fusion series is the preferred choice of advanced climbers and Sterling Team members. Our Fusion ropes are designed to perform at the highest level—pure and simple.
Fusion Photon™

Our lightest, thinnest, dual-certified half and twin rope, the 7.8 mm Photon gives new meaning to the saying, less is more. The Photon is coveted because of its combination of ideal features—durable, supreme handling and featherweight construction. Intended for climbers embarking on ice, mixed, glacier and trad climbs. Pair the Photon with any of our certified single ropes, on routes with long rappels for an extra layer of insurance. EN 892 CE 0120

Colors | Yellow | also in red and purple.

Lengths | 30, 40, 50, 60, 70, 80 M /+ / DryCoat in all lengths.

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Fusion Nano IX™

Our original Nano was a perennial team favorite; the default sport climbing rope for performance climbers. Certified as a single, half, and twin rope the new Nano IX is lean, mean and versatile: perfect for sport routes, ice, or mixed conditions. EN 892 CE 0120

Colors | Blue | also in bicolor orange, bicolor purple, neon green, orange and purple.

Lengths | 30, 40, 50, 60, 70, 80 M /+ / DryCoat in all lengths.

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Fusion Ion R™

In this, our latest version of the renowned Ion dynamic rope, we retained the signature characteristics climbers always raved about: the comfortable handling sheath and the ideal 9.4 mm diameter. But to enhance its performance profile, we radically updated the core construction. We like to call it a crossover artist within our Fusion series—it performs well across multiple climbing disciplines without playing favorites. EN 892 CE 0120

Colors | Red | also in bicolor blue, bicolor red, blue, green and orange.

Lengths | 40, 50, 60, 70, 80 M /+ / DryCoat in 60, 70, 80 M.

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Rope Tech // Dry Treatment

Ropes can experience increased elongation and lose up to 30% of their strength when wet. Our Research and Development group has spent years developing and enhancing processes for keeping your rope dry, because ultimately, a drier rope is a safer rope.

We have developed a two-stage process to assure moisture-resistance:

DryCore™ A proprietary process that treats all of our dynamic core yarn to prevent yarn-on-yarn abrasion and moisture absorption. This is the standard construction for every dynamic rope, even non-dry treated products. We think it’s that important.

DryCoat™ An exclusive treatment that protects the rope from water absorption. This reduces weight, prevents freezing and slows down the wear on the sheath to a noticeable degree. DryCoat is the key added feature of our Dry Series Dynamic Ropes and, combined with DryCore, is the ultimate protection against performance degradation caused by moisture.
Evolution™ Series

We launched the Evolution series over 20 years ago and have continually updated it—infusing each rope in the series with the latest technology—so they retain their well-earned position as the gold-standard dynamic ropes that adapt to whatever the climbing style or conditions call for.
**Evolution Aero™**

With 9.2 mm diameter, the Aero is the lightest rope in the Evolution Series. Aero balances a durable, tough sheath with a new lighter weight core construction. The result is a sending rope with softer handling that’s ideal for sport, mixed and ice climbing applications. EN 892  € 0120

Colors  Bicolor Blue | also in blue, red, tangerine and teal.
Lengths  50, 60, 70, 80 M /+ DryCoat in all lengths.

**Evolution Helix™**

Small but mighty: With a new sheath and bantam weight core construction, the Helix is our skinny workhorse. Blending the right features—the ease of the 9.5-mm diameter rope, durable and light with low impact force—the Helix is ideal for high-end sport, trad and mixed climbing. EN 892  € 0120

Colors  Orange | also in bicolor orchid, neon green and orchid.
Lengths  40, 50, 60, 70, 80 M /+ DryCoat in all lengths.

**Evolution Velocity™**

Versatile and varied, the Velocity is our quintessential all-arounder. Suited for both rock and ice, the Velocity is the flagship of our lineup: lightweight, durable, long-lasting and easy to handle. A favorite among world-renowned athletes like Chris Sharma for working routes, the Velocity is a must-have for kitting out any crag pack. EN 892  € 0120

Colors  Ice Blue | also in bicolor silver, bicolor neon green, sharma, neon green, purple, orange and turquoise.
Lengths  35, 50, 60, 70, 80 M /+ DryCoat in all lengths except 35 M.

**Evolution VR10™**

Just getting into the sport or steadily moving through the ranks? The VR10’s durable construction, beefy core and 10.2 mm diameter make this rope not only an easy choice but also an incredible value. Ideal for anyone from entry-level climbers, occasional climbers or weekend warriors. EN 892  € 0120

Colors  Red | also in blue.
Lengths  60 M (blue), 70 M (red)

**Evolution Duetto™**

Ideal for long, wandering routes, run-outs, ice climbs or sketchy trad leads. A mid-range half rope for your go-to climbing quiver, the Duetto’s 8.4 mm diameter is neither fat nor frighteningly skinny; 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. EN 892  € 0120

Colors  Neon Green | also in orange and purple.
Lengths  30, 40, 50, 60, 70, 80 M /+ DryCoat in 30, 35, 40, 50, 60, 70, 80 M.
Marathon™ Series

The Marathon Series is designed to outlast other ropes in extreme conditions: Big walls, multi-pitch climbs, remote first ascents—all these types of climbs require something extra.
Marathon Pro™ 10.1 mm

The thinnest Marathon rope, the Pro is no less a workhorse than its larger brethren. Drawing its design from the demands of professional guides, the Pro’s burly, long-lasting exterior is specifically designed to stand up to wear and tear of rigorous climbing. Well built but not overbuilt, it will put you at ease when working your demanding project. The Pro exemplifies what a modern day climbing rope should be: a work rope and redpoint rope. EN 892  € 0120

Colors  Fire | also in blue, bipattern blue, bipattern digital camo, bipattern orange, green, digital camo and orange.
Lengths  50, 60, 70, 80 M  /+  DryCoat in all lengths.  //  Bipattern Pro only available in 60, 70, 80 M.

Marathon Sport™ 10.4 mm

The Sport’s unique core and durable Marathon sheath is why Sonnie Trotter picked this 10.4 mm rope for The Prophet, a bold, run-out, 600 meter El Cap behemoth. Able to handle the hard abuse of big wall climbing—with run-outs, big falls and demanding maneuvers, the Sport’s toughness gives you the confidence for the biggest, boldest sends. EN 892  € 0120

Colors  Blue | also in red.
Lengths  50, 60, 70 M  /+  DryCoat in all lengths.

Marathon Ultra™ 10.7 mm

Ideal for heavy-duty institutional use, like outdoor climbing programs or challenge courses, the 10.7 mm Ultra’s durable construction and thick diameter can endure repeated, continual use. The highly abrasion-resistant sheath and sturdy construction of the Ultra has an ideal diameter for novice belayers. EN 892  € 0120

Colors  Orange | also in blue.
Lengths  50, 60, 70 M  /+  DryCoat in all lengths.

Marathon Mega™ 11.2 mm

At a massive 11.2 mm diameter, the Mega lives up to its name. The incredible durability and abrasion resistance of the Mega is ideal for military and industrial dynamic rope use. When weight isn’t a factor, the Mega is your big, burly, Herculean rope. EN 892  € 0120

Colors  Purple | also in black and orange.
Lengths  50, 60, 200 M  /+  DryCoat in 50 and 60 M.

Marathon Half™ 8.8 mm

Taking the versatility of a half rope with the heft and brawn of the signature Marathon sheaths, the Half 8.8 is ideal for alpine guides because of its versatility and serious abrasion-resistant construction. This mid-range half rope also conveniently comes in 30 and 40-meter lengths for alpine tours, where short rappels will reach the freshest white. EN 892  € 0120

Colors  Blue | also in tan and orange.
Lengths  30, 40, 60, 70 M  /+  DryCoat in all lengths.
Gym Series

Our gym series ropes are each designed for a specific type of use in high traffic, abusive environs such as indoor gyms as well as outdoor ropes and challenge courses. We offer a range of diameters and specifications for virtually any setup requirement.
**Gym ReVO™**

The Gym ReVO rope is a low-elongation rope designed for high-volume use in climbing gyms as a top-rope belay. It is 100% nylon with an innovative double-braid core that utilizes Sterling’s Thermodynamic Balancing process. This provides the perfect amount of energy absorption and durability needed for the taller walls in today’s gyms. CE Certification to EN1891 Type A. € 0120

Colors  Red | also in blue.
Lengths  30, 40, 100, 200 M.

**Gym Phenom™**

The Gym Phenom was designed specifically to handle the high traffic and abuse manufactured walls can dish out. Using our higher denier sheath structure, and lower elongation performance cores, the Phenom is built to last and perform. EN 892 € 0120

Colors  Yellow | also in blue.
Lengths  25, 30, 100, 200 M.

**Slim Gym™**

The 10.1 mm Slim Gym is perfect for testing your indoor lead skills, whether it’s on a rainy afternoon or in the heart of the city. EN 892 € 0120

Colors  Blue | also in red and orange.
Lengths  25, 30, 100, 200 M.

**Rock Gym™**

The Rock Gym rope is designed specifically for the harsh environments of indoor climbing gyms. At 10.4 mm and designed with a more durable sheath construction than any other rope we offer and zero sheath slippage, this rope is sure to outlast the competition. EN 892 € 0120

Colors  Red | also in blue and green.
Lengths  25, 30, 100, 200 M.

**Big Gym™**

The largest of our gym ropes, the 10.7 mm Big Gym is the standard for gyms and climbing programs the world over. EN 892 € 0120

Colors  Blue | also in black and orange.
Lengths  25, 30, 100, 200 M.
Static Ropes

Our low-elongation static ropes are useful tools for the challenges climbers encounter. We offer three distinct families of static ropes, each with a unique construction and material set. All are available in a wide array of diameters and are optimized for a particular use or set of conditions. There is no compromise required when selecting the proper static line to suit your needs.
**HTP™**

Our HTP ropes were the first life safety ropes constructed from 100% high tenacity polyester. Offering extremely low elongation and inherent water and UV resistance, HTP ropes are highly efficient and tailor-made for haul systems, lengthy rappels, highlines, or other demanding applications. Certified NFPA 1983; 2012.

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**9 mm HTP**

The 9 mm HTP is a go-to static rope when you need high strength and low elongation in a lightweight package. The 9 mm HTP’s unique features make it ideal for anything from use in fast and light haul systems, anchors and rap lines to rigging or canyoneering.

Colors | Neon Green | also in black, blue and white.

Lengths | 46, 61, 92, 183, 200 M

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**3/8” HTP**

Occupying the 3/8” (10 mm) sweet spot, this HTP rope is substantial enough to handle a variety of tasks: from juggling to building Tyroleans for access to that far-bank cliff, it’s an all-purpose static line. **€ 0120**

Colors | Red | also in black, blue, neon green, olive drab, white, yellow, bicolor neon green and bicolor blue.

Lengths | 46, 61, 92, 183, 200 M

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**7/16” HTP**

We engineered our 7/16” HTP static rope to have the high strength and extremely low elongation needed for heavy rigging and high-tension systems. **€ 0120**

Colors | Blue | also in black, neon green, olive drab, orange, red, yellow, bicolor blue and bicolor green.

Lengths | 46, 61, 92, 183, 200 M

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**1/2” HTP**

Low elongation makes this rope the top choice for mainline, haul systems and highline use. Its strength makes it a great choice for specialized rescue applications. **€ 0120**

Colors | White | also in black, blue, neon green, olive drab, orange, red and yellow.

Lengths | 46, 61, 92, 183, 200 M

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**Rope Tech // Better Braid Technology™**

Sterling’s Better Braid Technology refers to our entire process of precision manufacturing. This process results in our renowned, stronger, longer-lasting ropes.

Our process begins with the selection and testing of fibers. We ply and twist the fibers together to our desired denier. These yarns are conditioned using our ThermoDynamic Balancing process to lock in the performance characteristics for each rope. Finally, we braid the sheath and cores into the final product. At each step the rope is hand inspected to ensure that it is without defect. We batch test at every stage of the process to ensure every product meets our exacting standards of quality and performance. This is what makes us a certified ISO 9001 company.

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specs & colors on p. 32
**SuperStatic2™**

Easy to deploy, these 100% nylon, low stretch ropes are well suited to taglines, anchors, and rappel lines. Our high denier, durable sheath results in rounder ropes that work well through gear. Certified to NFPA 1983; 2012.

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**3/8” SuperStatic2**

Whether you’re building an anchor or setting up a working or rescue system, this lightweight yet durable 10 mm static line is made with 100% nylon for incredible strength. The high denier in the durable sheath reduces stiffness and gives it a supple feel and smoother handling.

Colors  White | also in black, blue, olive drab, and red.
Lengths  46, 61, 92, 183, 200 M

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**7/16” SuperStatic2**

Made with strong 100% nylon, this 11 mm static line is durable yet supple. Easy to knot and easy to handle, our 11 mm low stretch rope is ideal for use as a heavy-duty alpine, big-wall static line or for fixing haul lines.

Colors  Blue | also in black, orange, red, white and yellow.
Lengths  46, 61, 92, 183, 200 M

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**1/2” SuperStatic2**

A technical rescue and high angle multi-use rescue rope that is perfect for mainline rescue and belay line systems. 100% nylon low stretch kernmantle, 41/59 sheath/core ratio yields best durability and great handling.

Colors  Orange | also in green, yellow, black, blue, red, white and safetyglo white.
Lengths  46, 61, 92, 183, 200 M

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**SafetyPro™**

SafetyPro™ is our static rope series designed for the demands of adventure rigging. Constructed to deliver high strength, low elongation, and solid abrasion resistance, they run smoothly through gear and offer excellent knotability. Certified EN 1891.

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**9 mm SafetyPro**

The latest addition to our SafetyPro series offers all the attributes you’ve come to expect: slim, trim, firm, but not too stiff, this new skinny static rope offers a great option for certain technical rope work.

Colors  Black | also in blue, red and white.
Lengths  50, 61, 92, 183, 200 M

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**10 mm SafetyPro**

The 10 mm SafetyPro’s strength, durability and abrasion resistance makes this low-elongation static rope ideal for rappel and tag lines, anchor systems or light rescue loads. Constructed with 100% nylon, this burly, yet lightweight, rope is easy to handle.

Colors  Blue | also in black, red and white.
Lengths  50, 61, 92, 183, 200 M

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**10.5 mm SafetyPro**

Designed as a technical work and rescue line, the SafetyPro 10.5 mm has excellent abrasion resistance and is a proven option for rappel and backup lines.

Colors  Red | also in black, blue and white.
Lengths  50, 61, 92, 183, 200 M

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**11 mm SafetyPro**

A technical work and rescue line, the heavy duty SafetyPro 11 mm offers a smooth but firm sheath that allows the rope to run easily through gear. It’s manufactured to meet the requirements of the most demanding rope access professionals.

Colors  Yellow | also in black, red, blue and white.
Lengths  50, 61, 92, 183, 200 M

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specs/colors on p. 33
Water Ropes

Whether rafting, kayaking, or performing swiftwater rescue operations, Sterling water ropes are made to a higher standard. Built using premium polypropylene, nylon and Dyneema® fibers, they exhibit high strength, excellent flotation, and remarkable durability: a Sterling hallmark. Our 3/8” WaterLine and GrabLine are certified to NFPA 1983; 2012.

**UltraLine™**

The exceptionally light and freakishly strong UltraLine rope has a braided Dyneema® core with a buoyant polypropylene sheath. This powerful yet slim combination boasts a tensile strength four times greater than economy water lines.

**Colors**  See Tech specs (varies by size).

**Lengths**  23, 46, 61, 92, 183, 200 M

**GrabLine™**

A water rope true to Sterling’s reputation for strength and durability, the GrabLine features a nylon core and a high-tenacity polypropylene sheath that holds up to use and abuse. The rope’s unique tread-like sheath increases both the buoyancy and gripping power, making it a great rope in throwbags.

**Colors**  Tan with Orange | also in tan with green.

**Lengths**  23, 61, 92, 183, 200 M

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**WaterLine™**

From recreational boating to the highly specialized needs of swift-water rescue, the demands of the environment call for a rope that stands on stable water legs. Enter the WaterLine™. This hyper-buoyant, high-strength rope comes in four different diameters to meet your specific needs. The 5/16” and 3/8” feature nylon cores with a polypropylene sheath; the 7/16” and 1/2” feature polypropylene cores with polypropylene sheath.

**Colors**  See Tech specs (varies by size).

**Lengths**  23, 46, 61, 92, 183, 200 M

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Canyoneering Ropes

Mystery potholes. Slots. Lengthy rappels. High-volume waterfalls. Extended floats. These are but a few of the attractions and challenges of canyoneering, and exactly why Sterling builds our Canyon series ropes the way we do.

**C-IV™**

Wet canyon environments have their own unique demands. These types of harsh conditions inspired the 9 mm C-IV. Built with a strong Technora® sheath and a braided polypropylene core, the C-IV is designed to be durable, abrasion-resistant and have very little water absorbency. Low stretch properties enhance its canyoneering reputation.

**Colors**  Tan with Orange | also in tan with green.

**Lengths**  30, 46, 61, 92, 200 M

**CanyonTech™**

Lightweight and sturdy, the 9.5 mm CanyonTech’s combination of a durable nylon core and rugged, abrasion-resistant Technora® sheath gives this rope stand-up power in aggressive and unforgiving canyon conditions. Durable, with great knotability and low stretch, the CanyonTech balances handling and strength for confident descents.

**Colors**  Tan with green | also in tan with orange.

**Lengths**  30, 46, 61, 92, 200 M

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spec/colors on p. 34
Hardware

Twenty years of producing the most innovative, highest quality and best performing life safety rope and cord gives us unique insight into hardware design, construction and compatibility. Using only the highest quality materials and made in the USA, our hardware is engineered and manufactured with precision to yield products with exceptional performance.
Carabiners

Note: Sterling Eagle, Falcon, Osprey, Hawk and Steel carabiners are certified CE to EN12275. The SafeD and Steel Carabiners are certified to NFPA 1983; 2012.

Eagle™
Our largest pear-shaped carabiner. Made with high-quality aluminum and a superb gate and sleeve action, the key lock nose construction keeps the carabiner from snagging on gear or the rope. Available in Screwlock or Autolock.

Osprey™
Our oval-shaped carabiner, the Osprey is made with a high-quality, durable aluminum, with smooth gate and sleeve action and key lock design. Available in Screwlock or Autolock.

Falcon™/Falcon Talon™
The Falcon comes in a compact pear shape, smaller than the Eagle. The Falcon with Talon’s wire gate captive-eye feature clutches the belay loop to reduce the risk of cross loading. Available in Screwlock or Autolock.

Hawk™
The asymmetrical D-shaped Hawk carabiner uses the same high-quality aluminum and key lock design as our Osprey, Falcon and Eagle for excellent strength and easy use. Available in Screwlock or Autolock.

Steel
Made with beefy high-strength steel, this carabiner has a key-lock design and wide gate opening. Meets the following standards: NFPA 1983 General Use, EN 12275 and ANSI standards. Available in Screwlock or Autolock.

SafeD™
The SafeD carabiner is made from lightweight aluminum and features a removable captive eye pin allowing a rope with a sewn eye to be attached to it at any time. Available in Screwlock or Autolock. Safe-D is certified to NFPA 1983; 2012.

NLD™
A D-shaped, non-locking aluminum carabiner the NLD is simple and effective piece of hardware.

specs on p. 35
Descent Control & Rigging

**SR R8™**

The Sterling R8 is made for high-angle rescue work. The R8 is larger than a standard figure 8, which helps the device dissipate heat and work more effectively with larger diameter ropes. The R8 is great for use in aerial arts rigging. NFPA 1983

**SR Swivel**

The SR Swivel eliminates line twisting when positioned between the rope and the load. The larger, round hole accepts up to three carabiners providing multiple rigging options. Made from high quality 2024 aluminum, the SR Swivel is lightweight and high strength with a 36 kN rating. High strength stainless steel axle and sealed ball bearings will keep the swivel operating smoothly for years. NFPA 1983

**ATS™ Device**

Co-designed and developed by Sterling and Alpine Training Services, the ATS (All Terrain ’Scender) is a versatile and lightweight rappel device. When properly used, the ATS offers a wide range of control for rope work. 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 heat-rated grommet insert keeps the device oriented correctly and helps prevent cross-loading of your carabiner. The ATS is truly a universal tool for any descent. **Compatible with ropes ranging from 7.5 mm-11.2 mm.**

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**Rope Tech // Thermodynamic Balancing™**

At Sterling, we have developed a proprietary heat stabilization process called Thermodynamic Balancing. Heat stabilization is important because it controls yarn shrinkage, helps the rope remain supple over time, limits sheath slippage and maintains elongation properties. This process involves carefully introducing controlled heat and pressure to the fibers and cores during the production process to ensure each rope has consistently great handling, better strength and higher performance.

specs on p. 35
AZTEK™ Omni Blocks

These specialized pulleys are built for our AZTEK System. Machined from a solid block of high strength aluminum, they are engineered to handle high loads. The swivel eye connection eliminates twisting of the rope and can accommodate up to three carabiners. Each block is a different color to ensure differentiation during operation.

Pico™ Double Pulley

At 3.3 oz and roughly the size of a golf ball, the Pico Double Pulley is a whole lot of pulley in a compact shape. Featuring sealed ball bearings for the highest possible efficiency and prusik-minding capability for progress capture, the Pico Double is compatible with ropes up to 8.5 mm in diameter.

SR Rescue Pulley

The SR Rescue Pulley is compatible with ropes up to 13 mm and works great where a simple redirect is needed. All Sterling pulleys are constructed from high-strength aluminum side plates and feature a sealed ball bearing sheave that helps keep out dirt and grit. NFPA 1983

Prusik Minding Single Pulley // Prusik Minding Double Pulley

The PMP and PMP2 are both prusik-minding pulleys, which keeps the prusik from getting sucked up into the pulley system and allowing a rescuer to tend to another task. The PMP is compatible with ropes up to 13 mm. All Sterling pulleys are constructed from high-strength aluminum side plates and feature a sealed ball bearing sheave that helps keep out dirt and grit. NFPA 1983

Mini Single Pulley // Mini Double Pulley

Our small aluminum pulleys—the MDP and MSP—are strong and lightweight, making them ideal for mini haul systems. The MSP is a single pulley and our MDP is a double rope pulley, both accept ropes up to 11 mm in diameter.

See page 27 for our kits and systems using many of these pulleys with the compatible rope or cord.

specs on p. 35
Cordage & Webbing

The unsung heroes of the vertical world, cordage and webbing are used for all manner of climbing setups and rigging systems. We offer a wide array of cordage and webbing options for nearly any requirement.
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 the high strength abrasion resistance and durable characteristics of Technora™ fibers.

5.9 mm PowerCord™

PowerCord is a 5.9 mm accessory cord with a unique braided Technora core which doubles the strength of a standard 5.9 mm accessory cord. Technora is a high-strength, yet lightweight material making PowerCord a great option for anchor building and haul lines.

Colors: Orange | also in purple and black.
Lengths: 50, 100, 200 M

6 mm TRC™

6 mm TRC is a high strength specialty cord that features a Technora sheath and a nylon core. Designed for high strength and low-elongation applications such as personal escape, rappels or haul systems. Designed for high strength and low-elongation applications such as mini haul systems.

Lengths: 50, 100, 200 M /+ Tagline in 65, 75 M.

6 mm XTEC™

6 mm XTEC is a high strength specialty cord with a Technora sheath and a nylon core. The XTEC is a small rope with high strength for use as a haul line, tag line or cordelette.

Lengths: 50, 100, 200 M

Tag Lines

A technical piece of gear for the well-seasoned climber, the Tag Line is a versatile cord with many names. Be it ‘tag line,’ ‘pull cord’ or ‘rap line,’ our small and lightweight Tag Lines come in three diameters—6 mm, 7 mm and 8 mm. Often used for doubling up with your favorite single rope to make long, full-length rappels. Intended for climbers with the proper training and safety knowledge. Tag lines are not to be used for lead climbing.

6 mm TRC

7 mm TAG™

8 mm TAG™

5.4 mm V-TX™ Cord

The 5.4 mm V-TX Cord is the ultra-lightweight addition to our High Tenacity Cord series. With a Dyneema™ core and polyester sheath, the V-TX is water and UV resistant, making it ideally suited for high tension and high exposure repetitive use.

Lengths: 50, 100, 200 M

6.8 mm TVAC™

6.8 mm TVAC is a high strength specialty cord that features a Technora sheath and core. Designed to endure high temperatures (up to 932° F) and offer maximum abrasion and cut resistance, the XTEC is the ultimate 6 mm cord.

Lengths: 50, 100 M

5.4 mm PowerCord™

5.9 mm PowerCord™

6 mm XTEC™

6.8 mm TVAC™

New

specs on p. 35
**Lanyards**

**Y-Knot™ Lanyard**
The Y-Knot Lanyards are offered as either an all twin-leg or offset lanyard using the 10.5 mm SafetyPro™. These lanyards allow for climbing past intermediate anchor points while remaining attached to the system. Available in Long (1 M), Short (65 cm), Offset (65/100 cm).

**SafetyPro™ Lanyards**
Born from the need for a lanyard in ropes courses, the SafetyPro Lanyard is made from 10.5 mm SafetyPro static rope, which allows less elongation. Available in 0.6 M, 0.8 M and 1 M lengths.

**Sewn Cords**

**Purcell**
For tricky emergency two or three-point ascending, an adjustable connection point or self-belay, our sewn 6 mm Purcell’s strength, durability and adjustability shine. Color-coded lengths provide easy identification: The chest purcell (blue) is 20,” the short (green) is 42,” and the long (orange) is 68.”

**7 mm Sewn Cordelette**
Our sewn cord products have become very popular as they eliminate bulky knots without compromising strength. Our 7 mm sewn cord products take the hassle out of tying knots. Available in 10.5’ (3.2 M).

**6 mm AutoBlock**
Ideal as a back-up while on long rappels, we constructed our AutoBlock from a durable 6 mm cord sewn into a 13.5-inch loop. The AutoBlock attaches from the harness to the brake-hand end of the rappel rope just below the rappel device and works as a prusik or Klemheist knot.

**8 mm Bound Loop Prusik**
The Bound Loop Prusik does away with bulky, time-consuming knots with its pre-sewn loop construction. Made from 8 mm sewn cord, the Bound Loop Prusik comes in various lengths to meet your specific needs. The diameter of the standing line and your prusik should follow the 60-80% diameter relationship ratio to ensure your prusik moves and grips properly. Review rescue applications and test any new cord prior to field use.

**HollowBlock™**
Able to grab onto rope efficiently when used as a prusik or Klemheist knot 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. Available in 13.5” and 19” lengths.

specs on p. 35
Accessory Cords

Our Accessory Cords incorporate thoughtful design, instead of just being an afterthought. Sterling cords perform better because we use only the highest quality yarns and we employ a higher twist level in the sheath to make them last longer, as well as look and feel better. Many of our sizes come in a variety of precut lengths or spools for additional convenience.

GloCords™

GloCords have 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. Ideal for low-light conditions, it’s great for tents, zippers, backpacks and marking trails.

specs on p. 35
Sewn Webbing

**Chain Reactor™**
The Chain Reactor offers a versatile alternative to a traditional daisy chain. Each individual loop is full strength. It is perfect for repositioning, using as a foot stirrup, or for use in anchor systems. The Pro version has a doubled girth loop, and the Long version features four additional sling loops. All versions are made with 11/16” nylon webbing. Chain Reactor and Chain Reactor Pro - 41”, Chain Reactor Long - 63”.

**Rabbit Runner**
These runners feature sewn eyes on each end for specialty rigging applications. They are designed for applications such as extending anchors and can be used in a basket or choked configuration. Rated for life-safety applications. Available in 4’, 6’, and 8’ lengths. Great for gym and aerial arts rigging.

**DogBone**
Our lightweight 10 mm Dyneema™ DogBone is both strong and abrasion resistant—an ideal combination for alpine climbing. Features a rubber grommet to hold your carabiner in place.

**MaineStay™**
The MaineStay is a simple and effective gym floor anchor solution that will accommodate belayers of various heights. Constructed with strong 1” Mil-Spec webbing, it has a girthloop on the floor end and four clipping options on the belay end. Also suitable for use in route setting.

**ZipLinks**
Because zip lines and challenge courses require a simple, effective tethering system, we created our ZipLink.™ The strong 1/2” nylon comes in 12-, 20-, and 24-inch lengths.

**QuickSteel™ & VariQuick™ Draws**
The durable construction of the VariQuick Draw gives you peace of mind. Made with durable one-inch width nylon webbing, which tapers at the loop. Our 5.5-inch quickdraw has a sewn-in rubber keeper to hold the carabiner in place and prevent flipping. Pair it with our steel carabiner w/ lanyard pin and steel screwlink, and you have the QuickSteel Gym Draw. It’s built to handle today’s larger, higher volume climbing gyms.

**Daisy Chains**
Built to be lightweight, durable, and strong, our 11/16” Daisy Chains are perfect for rigging jumars, leading aid pitches and setting up complicated belays. Reinforced for longer life and added durability. Offered in 45” 10 loop and 59” 14 loop model. **Note: Daisy chains should be used for body weight application only, not fall protection.**

**Sewn Slings**
Whether you’re extending cams on a wandering trad line or building anchors, our high-quality webbing Sewn Slings, with precisely programmed tack stitching, have versatile applications in the vertical world. Slings come in a variety of options: lightweight 10 mm and 1/2” Dyneema; 11/16” nylon for standard, durable slings; 1” tubular and flat slings for anchors.

specs on p. 35
**Bulk Webbing**

**11/16” Tubular**
Premium nylon tubular webbing features high tensile strength in a thinner web. Great for use in slings.

Silver  Blue  Black  Red  Green

**1” TechTape™**
TechTape is our premium 1” nylon webbing and features a smooth, denser weave.

Purple  Tan  Green  Blue  Silver  Black  Red  Yellow  Coyote Brown  Orange

**1” Type 18 Flat // 1” 9800 Flat**
Both the Type 18 and 9800 webbing are ultra high tensile webbing with maximum durability. Type 18 has a 6000lb MBS, and the 9800 has a 9800 lb break strength. Great for slings, high strength runners, slacklines and anchors.

Purple  Green  Orange  Black  Yellow  Blue  DigiCamo  Olive Drab  Coyote Brown  Red

**1” Mil-Spec**
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.

Purple  Green  Orange  Black  Yellow  Blue  DigiCamo  Olive Drab  Coyote Brown  Red

specs on p. 35
Bags & Accessories

Rope Bag with 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.

Rope Tarp Plus

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

Rope Bags

Made of durable nylon, these rope bags come equipped with top handles, a bottom that’s grommeted 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).

<table>
<thead>
<tr>
<th>Size</th>
<th>Volume (L)</th>
<th>Rope Capacity (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>17</td>
<td>200 (of 3/8&quot; dia.)</td>
</tr>
<tr>
<td>Medium</td>
<td>31</td>
<td>200 (of 1/2&quot; dia.)</td>
</tr>
<tr>
<td>Large</td>
<td>45</td>
<td>400 (of 1/2&quot; dia.)</td>
</tr>
</tbody>
</table>

Rope Bag with Tarp

Rope Tarp Plus

Rope Bags

Rope Wash

Sterling’s Chalk Bags come 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.

Chalk Bag

Proper care extends a rope’s life expectancy and cleaning is a major component of care. Our biodegradable technical wash is available in a pre-packaged, .83 fl. oz. shot and good enough to clean one rope.

Rope Wash
Kits & Systems

New

**Crevasse SPARK™- Small Pulley Adjustable Rescue Kit**

This little kit packs a big punch. Designed for glacier travel, this 4:1 pulley system allows for quick self-rescue or rescue of another person in the event of a fall into a crevasse. The Pico Double Pulleys weigh only 3.3 oz each and are rated for 30 kN. When mated with our 6 mm TRC cord and unique 5 mm TRC Prusik this kit provides a super-compact mechanical advantage setup.

**Pocket Hauler™**

A pocket-sized mechanical advantage system, the Pocket Hauler can create a 4:1 or 5:1 increase in force depending on the orientation. Whether you’re using the Pocket Hauler for partner/self rescue, adjustable directional, piggybacked haul systems, tensioning lines or other rigging needs, this system shines when you need extra power.

**AZTEK™ Elite**

A collaborative creation with Reed Thorne of Ropes that Rescue® in 2000, the evolution of the original AZTEK Elite System is indicative of Sterling’s integrity and innovation. 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. Transferable from person to person. Certified to NFPA 1983; 2012 for general use.

Kits are collections of Sterling products designed and assembled to perform very specific tasks and execute them smoothly and reliably every time.

**Kits & Systems**

- 50' 8 mm Edge Restraint with sewn eye
- 6 mm Travel Restraint
- AZTEK Bag
- 2 -6 mm Ratchet Prusik
- 3 -Safe-D twistlock carabiners

**New**

- 15.5 M (50') 6 mm TRC Cord
- 2 -Pico Double Pulleys
- 2 -Osprey Oval screwlock carabiners
- 48' 10 mm Dyneema® Sling
- 6.8 mm hollowblock
- 10' 5 mm TRC™ Prusik
- Crevasse SPARK Bag (not pictured)

- 5’ 8 mm cord with sewn eye
- 2 -SR Mini Double Pulleys
- 2 -Hawk Autolocking carabiners
- 6 mm Sewn Ratchet Prusik
- Steel Screwlink

- 5’ 8 mm cord with sewn eye
- 2 -SR Mini Double Pulleys
- 2 -Hawk Autolocking carabiners
- 6 mm Sewn Ratchet Prusik
- Steel Screwlink

- 5’ 8 mm cord with sewn eye
- 2 -SR Mini Double Pulleys
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- Steel Screwlink

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- 2 -Hawk Autolocking carabiners
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- Steel Screwlink

- 5’ 8 mm cord with sewn eye
- 2 -SR Mini Double Pulleys
- 2 -Hawk Autolocking carabiners
- 6 mm Sewn Ratchet Prusik
- Steel Screwlink
Use these graphs to help you decide which dynamic rope is right for your ability and application. In general, lighter, skinnier ropes are designed for the experienced climber to be used where weight, ease of clipping, and handling are the priority, and durability is not as important. Heavier, bigger ropes are designed for the rigors of institutional use, big walls, or novice climbers.

Graph dots indicate where ropes best perform.

### Sterling Dynamic Rope Comparison Graphs

<table>
<thead>
<tr>
<th>Fusion™ Series</th>
<th>Photon™</th>
<th>Nano IX™</th>
<th>Ion R™</th>
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<tbody>
<tr>
<td><strong>BEST</strong></td>
<td>ICE</td>
<td>MIXED</td>
<td>ALPINE</td>
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<td>TRAD</td>
<td>TRAD</td>
<td>TRAD</td>
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<tr>
<td><strong>FAIR</strong></td>
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<th>Duette™</th>
<th>Aero™</th>
<th>Helix™</th>
<th>Velocity™</th>
<th>VR10™</th>
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<th>Pro™</th>
<th>Sport™</th>
<th>Ultra™</th>
<th>Mega™</th>
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### Sterling Static Rope Comparison Charts

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<th>7/16&quot;</th>
<th>1/2&quot;</th>
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<td>RAPPEL</td>
<td>HAUL LINE</td>
<td>ROPE RESCUE</td>
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<td>RAPPEL</td>
<td>HAUL LINE</td>
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This chart shows which ropes are best suited for these applications. It assumes proper knowledge of the technical rope work required. Thicker lines indicate a better rope choice for that particular activity.
Sterling Fusion ropes are certified to EN 892.

### Fusion™ Series

#### Fusion Nano IX™ 9.0 mm

<table>
<thead>
<tr>
<th>Color</th>
<th>Sheath (%)</th>
<th>Weight (g/M)</th>
<th>Dynamic Elongation (%)</th>
<th>Static Elongation (%)</th>
<th>Impact Force (kN)</th>
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<td>52</td>
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<td>57</td>
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#### Fusion Ion R™ 9.4 mm

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#### Fusion Photon™ 7.8 mm

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<th>UIAA Falls</th>
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<td>35.3</td>
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## Evolution™ Series

### Evolution Aero™ 9.2 mm
- **Color Scheme:** Bicolor Blue, Tangerine, Teal, Red, Blue

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<td>7.70</td>
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### Evolution Helix™ 9.5 mm
- **Color Scheme:** Bicolor Orchid, Orange, Neon Green, Orchid

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<td>7.2</td>
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### Evolution Velocity™ 9.8 mm
- **Color Scheme:** Bicolor Neon Green, Ice Blue, Turquoise, Purple, Bicolor Silver, Neon Green, Orange, Chris Sharma Edition

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### Evolution VR10™ 10.2 mm
- **Color Scheme:** Red, Blue

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<td>7.6</td>
<td>8</td>
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### Evolution Duetto™ 8.4 mm
- **Color Scheme:** Neon Green, Purple, Orange

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<th>Sheath (%)</th>
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</thead>
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<tr>
<td>Weight (g/M)</td>
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<table>
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<th>Static Elongation (%)</th>
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<td>11.0</td>
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</table>
Marathon™ Series

Marathon Pro™ 10.1 mm
- Bipattern Blue
- Red
- Blue

- Bipattern Digital Camo
- Biopattern Orange
- Digital Camo

- Green
- Fire

Sheath (%)
- Dynamic Elongation (%)
- Impact Force (kN)
- Sheath (%)
- Dynamic Elongation (%)
- Impact Force (kN)

Marathon Sport™ 10.4 mm
- Blue
- Red

- Sheath (%)
- Dynamic Elongation (%)
- Impact Force (kN)
- Weight (g/M)
- Static Elongation (%)
- UIAA Falls

Marathon Ultra™ 10.7 mm
- Blue
- Orange

- Sheath (%)
- Dynamic Elongation (%)
- Impact Force (kN)
- Weight (g/M)
- Static Elongation (%)
- UIAA Falls

Marathon Mega™ 11.2 mm
- Orange
- Purple
- Black

- Sheath (%)
- Dynamic Elongation (%)
- Impact Force (kN)
- Weight (g/M)
- Static Elongation (%)
- UIAA Falls

Marathon Half™ 8.8 mm
- Tan
- Orange

- Olive Drab
- Blue

- Sheath (%)
- Dynamic Elongation (%)
- Impact Force (kN)
- Weight (g/M)
- Static Elongation (%)
- UIAA Falls

Gym Series

Gym ReVO™ 10.1 mm
- Red
- Blue

- Weight (g/M)
- Sheath Slippage (%)
- Impact Force (kN @ FF .3)
- MBS Rating (lbs)
- MBS Rating (kN)

Gym Phenom™ 10.3 mm
- Yellow
- Blue

- Sheath (%)
- Dynamic Elongation (%)
- Impact Force (kN)
- Weight (g/M)
- Static Elongation (%)
- UIAA Falls

Slim Gym™ 10.1 mm
- Red
- Orange
- Blue

- Sheath (%)
- Dynamic Elongation (%)
- Impact Force (kN)
- Weight (g/M)
- Static Elongation (%)
- UIAA Falls

Rock Gym™ 10.4 mm
- Red
- Green
- Blue

- Sheath (%)
- Dynamic Elongation (%)
- Impact Force (kN)
- Weight (g/M)
- Static Elongation (%)
- UIAA Falls

Big Gym™ 10.7 mm
- Black
- Orange
- Blue

- Sheath (%)
- Dynamic Elongation (%)
- Impact Force (kN)
- Weight (g/M)
- Static Elongation (%)
- UIAA Falls

Sterling Marathon ropes are certified to EN 892: CE 0120.
Sterling Gym Phenom, Slim Gym, Rock Gym and Big Gym ropes are certified to EN 892: CE 0120.

sterlingrope.com 31
Sterling HTP ropes are certified to NFPA 1983: 2012.

9 mm  Escape  Technical
3/8" 7/16"  General
1/2"
3/8", 7/16" & 1/2" are also certified to EN 1891.

### HTP™

#### HTP 9 mm

- **Black**
- **Blue**
- **White**
- **Neon Green**

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>MBS Rating (lbs)</th>
<th>Elongation at 300 lbs (%)</th>
<th>SWL (10:1) (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.0</td>
<td>5,170</td>
<td>0.8</td>
<td>517</td>
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<table>
<thead>
<tr>
<th>Weight (g/M)</th>
<th>MBS Rating (kN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>62</td>
<td>23.0</td>
</tr>
</tbody>
</table>

#### HTP 3/8"

- **Black**
- **Red**
- **Neon Green**
- **White**
- **Olive Drab**
- **Blue**

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>MBS Rating (lbs)</th>
<th>Elongation at 300 lbs (%)</th>
<th>SWL (10:1) (lbs)</th>
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</thead>
<tbody>
<tr>
<td>10.0</td>
<td>5,979</td>
<td>1.4</td>
<td>597</td>
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<table>
<thead>
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<th>Weight (g/M)</th>
<th>MBS Rating (kN)</th>
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<tr>
<td>78.9</td>
<td>26.6</td>
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#### HTP 7/16"

- **Black**
- **Blue**
- **Orange**
- **White**
- **Neon Green**
- **Red**

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>MBS Rating (lbs)</th>
<th>Elongation at 300 lbs (%)</th>
<th>SWL (10:1) (lbs)</th>
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</thead>
<tbody>
<tr>
<td>11.0</td>
<td>6,856</td>
<td>2.3</td>
<td>686</td>
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<table>
<thead>
<tr>
<th>Weight (g/M)</th>
<th>MBS Rating (kN)</th>
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</thead>
<tbody>
<tr>
<td>96.7</td>
<td>30.5</td>
</tr>
</tbody>
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#### HTP 1/2"

- **Black**
- **Blue**
- **Orange**
- **White**
- **Neon Green**
- **Red**

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>MBS Rating (lbs)</th>
<th>Elongation at 300 lbs (%)</th>
<th>SWL (10:1) (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.5</td>
<td>9,081</td>
<td>0.9</td>
<td>908</td>
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<thead>
<tr>
<th>Weight (g/M)</th>
<th>MBS Rating (kN)</th>
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</thead>
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<tr>
<td>119</td>
<td>40.4</td>
</tr>
</tbody>
</table>

### HTP 3/8” Bicolor Neon Green

#### HTP 9 mm

- **Black**
- **Blue**
- **White**
- **Neon Green**
- **Bicolor Blue**

#### HTP 3/8” Bicolor Neon Green

- **Black**
- **Red**
- **Neon Green**
- **White**
- **Olive Drab**
- **Blue**

#### HTP 7/16” Bicolor Neon Green

- **Black**
- **Blue**
- **Orange**
- **White**
- **Neon Green**
- **Red**

#### HTP 1/2” Bicolor Neon Green

- **Black**
- **Blue**
- **Orange**
- **White**
- **Neon Green**
- **Red**

### Additional Information

**HTP™**

- 9 mm  Escape  Technical
- 3/8” 7/16”  General
- 1/2"

3/8", 7/16" & 1/2" are also certified to EN 1891.
Sterling SuperStatic2 ropes are certified to NFPA 1983: 2012.

### SuperStatic2™

<table>
<thead>
<tr>
<th>SuperStatic2 3/8&quot;</th>
<th>SuperStatic2 1/2&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Black</td>
<td>Black</td>
</tr>
<tr>
<td>Orange</td>
<td>Orange</td>
</tr>
<tr>
<td>Red</td>
<td>Red</td>
</tr>
<tr>
<td>White</td>
<td>White</td>
</tr>
<tr>
<td>Blue</td>
<td>Blue</td>
</tr>
<tr>
<td>Diameter (mm)</td>
<td>MBS Rating (lbs)</td>
</tr>
<tr>
<td>9.5</td>
<td>5,170</td>
</tr>
<tr>
<td>Weight (g/M)</td>
<td>MBS Rating (kN)</td>
</tr>
<tr>
<td>62.5</td>
<td>23.0</td>
</tr>
<tr>
<td></td>
<td>Elongation at 300 lbs (%)</td>
</tr>
<tr>
<td></td>
<td>3.6</td>
</tr>
<tr>
<td></td>
<td>SWL (10:1) (lbs)</td>
</tr>
<tr>
<td></td>
<td>517</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SuperStatic2 7/16&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
</tr>
<tr>
<td>Orange</td>
</tr>
<tr>
<td>Red</td>
</tr>
<tr>
<td>White</td>
</tr>
<tr>
<td>Blue</td>
</tr>
<tr>
<td>Yellow</td>
</tr>
<tr>
<td>Diameter (mm)</td>
</tr>
<tr>
<td>11</td>
</tr>
<tr>
<td>Weight (g/M)</td>
</tr>
<tr>
<td>81.9</td>
</tr>
<tr>
<td>MBS Rating (lbs)</td>
</tr>
<tr>
<td>Elongation at 300 lbs (%)</td>
</tr>
<tr>
<td>3.9</td>
</tr>
<tr>
<td>SWL (10:1) (lbs.)</td>
</tr>
<tr>
<td>650</td>
</tr>
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### SafetyPro™

<table>
<thead>
<tr>
<th>SafetyPro 9 mm</th>
<th>SafetyPro 10 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>Black</td>
</tr>
<tr>
<td>Blue</td>
<td>Blue</td>
</tr>
<tr>
<td>White</td>
<td>White</td>
</tr>
<tr>
<td>Red</td>
<td>Red</td>
</tr>
<tr>
<td>Weight (g/M)</td>
<td>Sheath Slippage (%)</td>
</tr>
<tr>
<td>51.0</td>
<td>0.0</td>
</tr>
<tr>
<td></td>
<td>Impact Force (kN @ FF .3)</td>
</tr>
<tr>
<td></td>
<td>4.2</td>
</tr>
<tr>
<td></td>
<td>MBS Rating (lbs)</td>
</tr>
<tr>
<td></td>
<td>4,788</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SafetyPro 10.5 mm</th>
<th>SafetyPro 11 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>Black</td>
</tr>
<tr>
<td>Blue</td>
<td>Blue</td>
</tr>
<tr>
<td>White</td>
<td>White</td>
</tr>
<tr>
<td>Red</td>
<td>Red</td>
</tr>
<tr>
<td>Weight (g/M)</td>
<td>Sheath Slippage (%)</td>
</tr>
<tr>
<td>70.4</td>
<td>0.8</td>
</tr>
<tr>
<td></td>
<td>Impact Force (kN @ FF .3)</td>
</tr>
<tr>
<td></td>
<td>5.5</td>
</tr>
<tr>
<td></td>
<td>MBS Rating (lbs)</td>
</tr>
<tr>
<td></td>
<td>6,114</td>
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</table>

Sterling SafetyPro ropes are certified to EN 1891. 120
# Canyoneering Ropes

<table>
<thead>
<tr>
<th>CanyonTech™</th>
<th>C-IV™</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tan with green</strong></td>
<td><strong>Tan with orange</strong></td>
</tr>
<tr>
<td><strong>Diameter (mm)</strong>: 9.5</td>
<td><strong>Diameter (mm)</strong>: 9.0</td>
</tr>
<tr>
<td><strong>Weight (lbs/100')</strong>: 8.4</td>
<td><strong>Weight (lbs/100')</strong>: 6.4</td>
</tr>
<tr>
<td><strong>MBS Rating (lbs)</strong>: 6,092</td>
<td><strong>MBS Rating (lbs)</strong>: 4,653</td>
</tr>
<tr>
<td><strong>Elongation at 300 lbs (%)</strong>: 3.9</td>
<td><strong>Elongation at 300 lbs (%)</strong>: 4.2</td>
</tr>
<tr>
<td><strong>SWL (10:1) (lbs)</strong>: 609</td>
<td><strong>SWL (10:1) (lbs)</strong>: 465</td>
</tr>
</tbody>
</table>

# Water Ropes

<table>
<thead>
<tr>
<th>Waterline™</th>
<th>Grabline™</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3/8&quot; (Red + yellow tracer)</strong></td>
<td><strong>3/8&quot; (Yellow)</strong></td>
</tr>
<tr>
<td><strong>7/16&quot; (Red + yellow tracer)</strong></td>
<td><strong>1/2&quot; (Yellow + red tracer)</strong></td>
</tr>
<tr>
<td><strong>Diameter (mm)</strong>: 12.5</td>
<td><strong>Diameter (mm)</strong>: 9.5</td>
</tr>
<tr>
<td><strong>Weight (g/M)</strong>: 7.1</td>
<td><strong>Weight (g/M)</strong>: 46.1</td>
</tr>
<tr>
<td><strong>MBS Rating (lbs)</strong>: 5,754</td>
<td><strong>MBS Rating (lbs)</strong>: 2,495</td>
</tr>
<tr>
<td><strong>MBS Rating (lbs)</strong>: 14.6</td>
<td><strong>MBS Rating (lbs)</strong>: 6.5</td>
</tr>
<tr>
<td><strong>Elongation at 300lbs (%)</strong>: 1.4</td>
<td><strong>Elongation at 300lbs (%)</strong>: 1.2</td>
</tr>
<tr>
<td><strong>NFPA 1983; 2012</strong>: Yes</td>
<td><strong>NFPA 1983; 2012</strong>: Yes</td>
</tr>
<tr>
<td><strong>3/8&quot; Specs</strong></td>
<td><strong>3/8&quot; Specs</strong></td>
</tr>
<tr>
<td><strong>Diameter (mm)</strong>: 9.5</td>
<td><strong>Diameter (mm)</strong>: 9.5</td>
</tr>
<tr>
<td><strong>Weight (lbs/100')</strong>: 8.4</td>
<td><strong>Weight (lbs/100')</strong>: 6.4</td>
</tr>
<tr>
<td><strong>MBS Rating (lbs)</strong>: 6,092</td>
<td><strong>MBS Rating (lbs)</strong>: 4,653</td>
</tr>
<tr>
<td><strong>Elongation at 300 lbs (%)</strong>: 3.9</td>
<td><strong>Elongation at 300 lbs (%)</strong>: 4.2</td>
</tr>
<tr>
<td><strong>SWL (10:1) (lbs)</strong>: 609</td>
<td><strong>SWL (10:1) (lbs)</strong>: 465</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UltraLine™</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3/8&quot; (Yellow + blue tracer)</strong></td>
<td><strong>3/8&quot; (Yellow + red tracer)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Diameter (mm)</strong>: 6.5</td>
<td><strong>Diameter (mm)</strong>: 9.5</td>
<td></td>
</tr>
<tr>
<td><strong>Weight (lbs/100')</strong>: 56.5</td>
<td><strong>Weight (lbs/100')</strong>: 25.6</td>
<td></td>
</tr>
<tr>
<td><strong>MBS Rating (lbs)</strong>: 5,239</td>
<td><strong>MBS Rating (lbs)</strong>: 2,495</td>
<td></td>
</tr>
<tr>
<td><strong>MBS Rating (lbs)</strong>: 11.1</td>
<td><strong>MBS Rating (lbs)</strong>: 6.5</td>
<td></td>
</tr>
<tr>
<td><strong>Elongation at 300lbs (%)</strong>: 1.2</td>
<td><strong>Elongation at 300lbs (%)</strong>: 1.4</td>
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<tr>
<td><strong>NFPA 1983; 2012</strong>: Yes</td>
<td><strong>NFPA 1983; 2012</strong>: Yes</td>
<td></td>
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</tbody>
</table>

**1/4" Specs**
- **Diameter (mm)**: 6.5
- **Weight (g/M)**: 19.3
- **MBS Rating (lbs)**: 2,495
- **MBS Rating (lbs)**: 11.1
- **Elongation at 300lbs (%)**: 1.4
- **NFPA 1983; 2012**: Yes

**3/8" Specs**
- **Diameter (mm)**: 9.5
- **Weight (g/M)**: 56.5
- **MBS Rating (lbs)**: 5,239
- **MBS Rating (lbs)**: 23.3
- **Elongation at 300lbs (%)**: 1.2
- **NFPA 1983; 2012**: Yes
## Hardware Specs

### Carabiners

<table>
<thead>
<tr>
<th>Name</th>
<th>Major Axis (kN)</th>
<th>Minor Axis (kN)</th>
<th>Open Gate (kN)</th>
<th>NFPA 1983</th>
<th>EN 12275</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eagle™ AL</td>
<td>25</td>
<td>7</td>
<td>7</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Eagle SL</td>
<td>25</td>
<td>7</td>
<td>7</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Falcon™ AL</td>
<td>25</td>
<td>7</td>
<td>7</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Falcon ALT</td>
<td>25</td>
<td>7</td>
<td>7</td>
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<td>Yes</td>
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<tr>
<td>Falcon SL</td>
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<td>7</td>
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<td>Yes</td>
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<tr>
<td>Falcon SLT</td>
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<td>Hawk™ AL</td>
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<td>Hawk SL</td>
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<td>7</td>
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<tr>
<td>Osprey™ AL</td>
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<td>6</td>
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<td>Yes</td>
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<tr>
<td>Osprey SL</td>
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<td>7</td>
<td>6</td>
<td>No</td>
<td>Yes</td>
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<tr>
<td>SR Steel AL**</td>
<td>45</td>
<td>16</td>
<td>18</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>SR Steel SL</td>
<td>45</td>
<td>16</td>
<td>18</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Safe-D™ TL</td>
<td>28</td>
<td>11</td>
<td>9</td>
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<td>No</td>
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<tr>
<td>Safe-D AL</td>
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<td>11</td>
<td>9</td>
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<td>No</td>
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<td>SR NLD</td>
<td>29</td>
<td>10</td>
<td>9</td>
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</tr>
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</table>

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

### Pulleys

<table>
<thead>
<tr>
<th>Name</th>
<th>End-to-End MBS (kN)</th>
<th>Sheave MBS (kN)</th>
<th>Max Diameter (mm)</th>
<th>NFPA 1983</th>
<th>CE EN 12275</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR MSP</td>
<td>17</td>
<td>8.5</td>
<td>11</td>
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</tr>
<tr>
<td>SR MDP</td>
<td>22</td>
<td>5.5</td>
<td>11</td>
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<td>Yes</td>
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<tr>
<td>SR PMP</td>
<td>36</td>
<td>18</td>
<td>13</td>
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<tr>
<td>SR PMP2</td>
<td>44</td>
<td>11</td>
<td>13</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>SR Rescue Pulley</td>
<td>32</td>
<td>16</td>
<td>13</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Pico™ Double Pulley</td>
<td>-</td>
<td>-</td>
<td>8.5</td>
<td>No</td>
<td>No</td>
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* Single Configuration: 30 | 7.5  
** Double Configuration: 20 | 10

### Descent Control & Rigging

<table>
<thead>
<tr>
<th>Name</th>
<th>MBS (kN)</th>
<th>NFPA 1983</th>
<th>CE EN 564</th>
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<tbody>
<tr>
<td>SR Swivel</td>
<td>36</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>ATS™ Device</td>
<td>23</td>
<td>No</td>
<td>No</td>
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<tr>
<td>SR R8™</td>
<td>22</td>
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### Cordage & Webbing Specs

#### High Tenacity Cord

<table>
<thead>
<tr>
<th>Name/Diameter</th>
<th>MBS (lbs)</th>
<th>CE EN 564</th>
<th>Fibers (sheath/core)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.4 mm V-TX Cord™</td>
<td>3,370</td>
<td>15.0</td>
<td>No Polyester/Dyneema®</td>
</tr>
<tr>
<td>5.9 mm PowerCord™</td>
<td>4,429</td>
<td>19.7</td>
<td>Yes Nylon/Technora™</td>
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<tr>
<td>6 mm XTCE™</td>
<td>4,721</td>
<td>21.0</td>
<td>No 100% Technora</td>
</tr>
<tr>
<td>6 mm TRC™</td>
<td>3,484</td>
<td>15.5</td>
<td>No Technora/Nylon</td>
</tr>
<tr>
<td>6.8 mm TVAC™</td>
<td>3,619</td>
<td>16.1</td>
<td>No Technora/Nylon</td>
</tr>
</tbody>
</table>

#### Lanyards

<table>
<thead>
<tr>
<th>Name</th>
<th>MBS (lbs)</th>
<th>CE EN 564</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y-Knot™ Lanyard</td>
<td>5,170</td>
<td>23</td>
</tr>
<tr>
<td>SafetyPro™ Lanyard</td>
<td>5,170</td>
<td>23</td>
</tr>
</tbody>
</table>

#### Sewn Webbing

<table>
<thead>
<tr>
<th>Name/Diameter</th>
<th>MBS (lbs)</th>
<th>CE EN 564</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/16” Daisy</td>
<td>2,922</td>
<td>13.0</td>
</tr>
<tr>
<td>Chain Reactor™</td>
<td>3,147</td>
<td>14.0</td>
</tr>
<tr>
<td>1” Mil-Spec Daisy</td>
<td>3,494</td>
<td>15.5</td>
</tr>
<tr>
<td>3/4” Dogbone</td>
<td>5,170</td>
<td>23.0</td>
</tr>
<tr>
<td>VariQuick™</td>
<td>5,170</td>
<td>23.0</td>
</tr>
<tr>
<td>1” 9800 Rabbit</td>
<td>8,093</td>
<td>36.0</td>
</tr>
</tbody>
</table>

#### Sewn Cord

<table>
<thead>
<tr>
<th>Name/Diameter</th>
<th>MBS (lbs)</th>
<th>CE EN 564</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purcell</td>
<td>2,810</td>
<td>12.5</td>
</tr>
<tr>
<td>Hollow Block</td>
<td>3,147</td>
<td>14.0</td>
</tr>
<tr>
<td>6 mm AutoBlock</td>
<td>2,810</td>
<td>12.5</td>
</tr>
<tr>
<td>7 mm Sewn Cordelette</td>
<td>3,822</td>
<td>17.0</td>
</tr>
<tr>
<td>8 mm Bound Loop Prusik</td>
<td>5,418</td>
<td>24.1</td>
</tr>
</tbody>
</table>

#### Accessory Cord

<table>
<thead>
<tr>
<th>Name/Diameter</th>
<th>MBS (lbs)</th>
<th>CE EN 564</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 mm</td>
<td>226</td>
<td>1.0</td>
</tr>
<tr>
<td>2.75 mm</td>
<td>270</td>
<td>1.2</td>
</tr>
<tr>
<td>4 mm</td>
<td>472</td>
<td>2.1</td>
</tr>
<tr>
<td>5 mm</td>
<td>876</td>
<td>3.9</td>
</tr>
<tr>
<td>6 mm</td>
<td>1,169</td>
<td>5.2</td>
</tr>
<tr>
<td>7 mm</td>
<td>1,978</td>
<td>8.8</td>
</tr>
<tr>
<td>8 mm Prusik</td>
<td>3,462</td>
<td>15.4</td>
</tr>
<tr>
<td>9 mm</td>
<td>3,102</td>
<td>13.8</td>
</tr>
</tbody>
</table>

#### GloCord™

<table>
<thead>
<tr>
<th>Name/Diameter</th>
<th>MBS (lbs)</th>
<th>CE EN 564</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.75 mm</td>
<td>270</td>
<td>1.2</td>
</tr>
<tr>
<td>3 mm</td>
<td>472</td>
<td>2.1</td>
</tr>
<tr>
<td>4 mm</td>
<td>1,034</td>
<td>4.6</td>
</tr>
<tr>
<td>5 mm</td>
<td>1,169</td>
<td>5.2</td>
</tr>
</tbody>
</table>

### Tag Lines

<table>
<thead>
<tr>
<th>Name</th>
<th>MBS (lbs)</th>
<th>Elong. (%)</th>
<th>Fibers (sheath/core)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 mm TRC</td>
<td>3,147</td>
<td>5.4</td>
<td>Nylon/Technora</td>
</tr>
<tr>
<td>7 mm TAG™</td>
<td>2,788</td>
<td>3.5</td>
<td>Nylon/Nylon</td>
</tr>
<tr>
<td>8 mm TAG™</td>
<td>3,506</td>
<td>2.3</td>
<td>Nylon/Nylon</td>
</tr>
</tbody>
</table>

### Sewn Slings

<table>
<thead>
<tr>
<th>Name</th>
<th>MBS (lbs)</th>
<th>CE EN 564</th>
<th>Lengths Available (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 mm Dyneema® sling</td>
<td>5,170</td>
<td>23</td>
<td>24, 48</td>
</tr>
<tr>
<td>12 mm Dyneema sling</td>
<td>5,170</td>
<td>23</td>
<td>10, 24, 30, 48</td>
</tr>
<tr>
<td>11/16” Nylon sling</td>
<td>5,170</td>
<td>23</td>
<td>12, 24, 30, 48</td>
</tr>
<tr>
<td>1” Tubular nylon sling</td>
<td>5,170</td>
<td>23</td>
<td>12, 24, 36, 48</td>
</tr>
<tr>
<td>1” Flat nylon sling</td>
<td>10,116</td>
<td>45</td>
<td>48, 72, 96, 120</td>
</tr>
</tbody>
</table>
If you’ve reached this point, I want to thank you for taking time to read through our newest catalog. This edition marks the relaunch of our brand. We strive to make sure our image reflects who Sterling truly is: a company committed to creating innovative products, employing the greatest people, utilizing the highest quality manufacturing practices and building long-term relationships with climbers who share our beliefs.

**THIS FORMULA IS WHAT MAKES US TICK:**

Engineers design. Craftsmen build. Climbers climb and provide real world feedback to sales, R&D and production. The process repeats itself, and there’s no end in sight.

Welcome to the next chapter.
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 pre-determined 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

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
- The Nature Conservancy
- Paradox Sports
- The SharmaFund
- Teens To Trails
- USA Climbing

Mountaineering and 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.

TRADEMARKS

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, wear and perform 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 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.