



DYNAMIC ROPES & GEAR FOR YOUR VERTICAL WORLD

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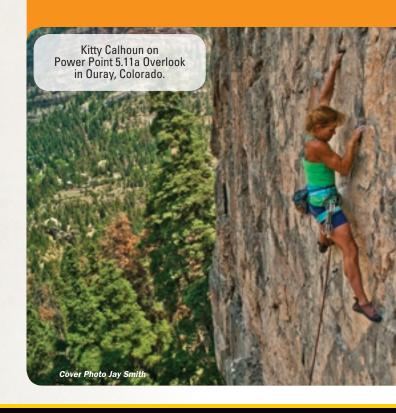
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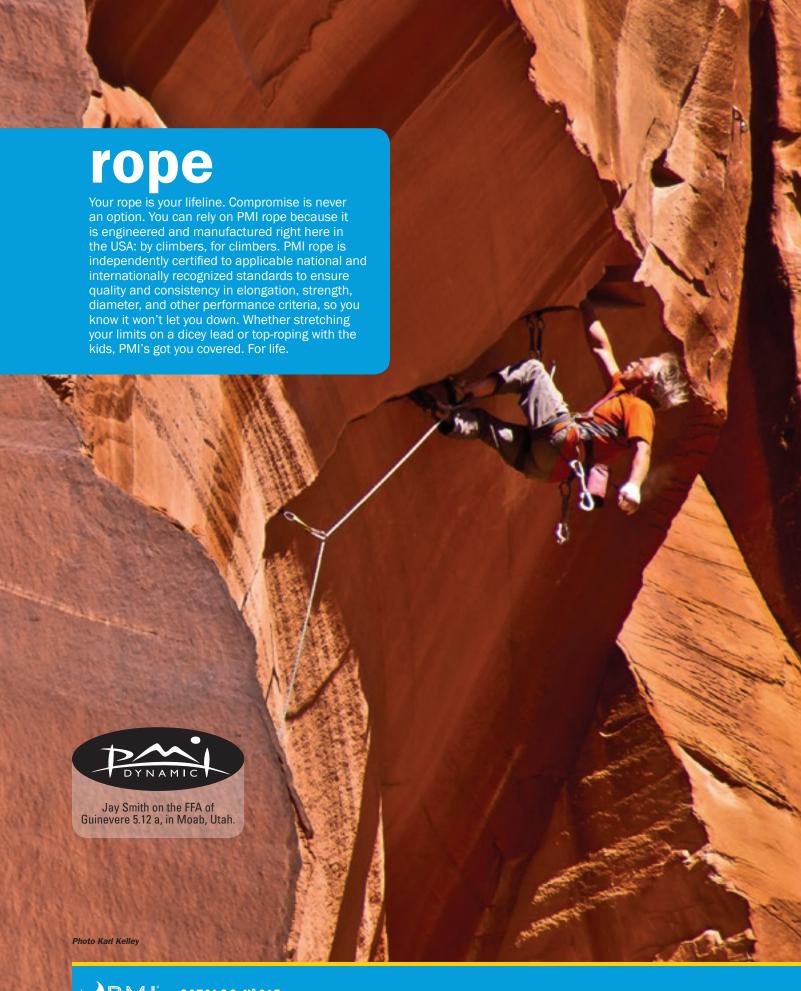
2015 PMI Dynamic™ Rope Colors

Why climb on PMI Dynamic[™] Rope?

PMI Dynamic™ is engineered for low impact forces, maximum number of falls, zero sheath slippage, and durability. PMI carefully balances all of these design criteria to create the most versatile climbing ropes. You expect the highest quality rope for your adventure and PMI is fully committed to giving you just that.







PMI DYNAMIC™ ROPE DESIGN AND TECHNICAL INFORMATION

ABOUT PMI

At PMI, Life Safety ropes have been our business since 1976. Life Safety Rope is a rope as defined in CI (Cordage Institute) 1201, which is mandated, supplied and/or used to support or protect a human life. Our quality program is certified and continuously audited to ISO (International Organization for Standardization) 9001, and the most comprehensive ISO quality standards. The ropes themselves are third party tested and certified through rigorous ISO and UIAA standards, and the performance data you see comes directly from those independent labs. We do this so that our customers can be sure that we follow the highest standards when creating products used in situations where they trust their lives to the quality of our products. As a company of climbers, cavers, and rescuers, we have good reason to be fully committed to creating high quality ropes that last.

PMI DYNAMIC™ ROPES

PMI Dynamic™ ropes represent the latest advances in climbing rope technology. Our dynamic ropes are of a kernmantle construction and provide a low impact force with high fall ratings that maximize the best outcomes for safety when used properly. With the latest features, such as Unicore® technology that provides nearly zero sheath slippage, there simply aren't any other ropes like these. Use this information to make an informed decision when buying a climbing rope. Make sure you choose the best one for your application and obtain proper training before using your rope. PMI is your resource for understanding all technical aspects for Life Safety climbing ropes, so contact us if you have any questions.

STANDARDS AND TESTING CERTIFICATIONS

PMI is a company you can trust because we value the third party testing that holds our products to the highest standards for safety. Below is a brief description of the types of standards and testing organizations we use for our dynamic ropes so that you can be confident in the quality of your rope.

ISO (International Organization for Standardization) is an independent, non-governmental membership organization that develops voluntary International Standards. Quality is of prime importance at PMI. As an ISO 9001 Registered Company, independent third party auditors regularly inspect and evaluate our quality systems for rope manufacturing. In addition, we maintain an in-house testing laboratory to help ensure that you can rely on the quality and consistency of our products.

The UIAA (International Mountaineering and Climbing Federation) Safety Commission develops and maintains safety standards for climbing equipment. UIAA markings mean that an item has been tested by a UIAA certified test laboratory and been approved for use in mountaineering.

European Standards (EN's or European Norms) are documents that have been ratified by one of the three European Standardization Organizations, CEN, CENELEC or ETSI. For example, our dynamic ropes are tested to meet the EN 892 standard for Mountaineering Equipment. This European Standard specifies safety requirements and test methods for dynamic ropes (single, half, and twin ropes) of kernmantle construction for use in mountaineering including climbing.

The CE marking is required for many products in multiple industries. It states that the product is assessed before being placed on the market and meets EU (European Union) safety, health, and environmental protection requirements. CE certifications also mean that an item has met the requirements the manufacturer has set for the product. Therefore products with only this mark have not necessarily been assessed to the same standards as those with EN and UIAA numbers.

FEATURES OF PMI DYNAMIC™ ROPES

This section provides technical information about the features of our ropes. Read each section to see the features that apply to some or all of our dynamic ropes and to determine which features work best for your application.

SHEATH ENGINEERING

All PMI Dynamic $^{\mathbb{N}}$ rope sheaths are specially treated to increase resistance to wear resulting from abrasion, falls, dirt, and water; which significantly increases the usable life of your rope.

PMI sheath yarn is treated with an extraordinary chemical process that envelops each filament with a durable, resistant coating. The fiber is then heat-treated, creating an actual shield of polymerized molecules within the yarn. This shield is then secured in place by chemical bonding with the molecules of the polyamide ... resulting in a durable, resistant, protected yarn which we then use to create PMI Dynamic™ ropes.

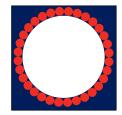
You don't have to ask for it because every PMI rope is made with the same superior sheath yarns.

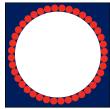
KERNMANTLE CONSTRUCTION

Kernmantle construction is the standard in Life Safety dynamic climbing ropes. This means that the sheath (mantle) and the core (kern) of the rope are made independently of one another, so that the sheath provides abrasion protection of the core strands, which provides the tensile strength of the rope.

BRAID

Sheath braid design is a fine balance between yarn denier, tension, number of carriers (bobbins), and amount of yarn used.







32 CARRIERS

40 CARRIERS

48 CARRIERS

The number of yarn bundles used in making the sheath of a rope help determine the hand, or feel, of the rope. More bundles result in a softer hand (but thinner sheath) while fewer bundles contribute to toughness and durability. Most PMI Dynamic™ ropes have either 32, 40, or 48-bundles in the sheath. During the manufacturing process, bundles are woven into the rope by "carriers", thus we would say that these are 32, 40, or 48-carrier ropes, respectively.

PMI strives to find the perfect balance for each of our ropes. Many customers prefer the feel and knotability of a 48-carrier rope, so we accommodate this by making this our design of choice for most ropes. Exceptions include our 8.1 mm Verglas (page 8) and 10.6 mm Wall Rope (page 22), which is made as a 32-carrier rope for maximum durability. Also, our skinny 8.9 mm Erratic (page 10) and 9.4 mm Elite (page 12) ropes which are made with a 40-carrier construction for your peace of mind in that moment of truth.

BRAID SUMMARY

More carriers = softer hand Fewer carriers = more abrasion resistance THE PERFECT ROPE, therefore, is ALWAYS a compromise!!

UNICORE® TECHNOLOGY

PMI Unicore® technology is a revolutionary process applied during manufacturing of kernmantle ropes that bond the sheath and core together resulting in nearly zero slippage between them, even if the sheath is damaged. Some standard ropes have shown that a damaged sheath can become completely separated from the core and slide off of the rope completely. Unicore® rope allows for safe negotiation around damaged section of the sheath while in use. This allows a climber to stay on the rope and isolate a damaged area of the sheath while the rope maintains its integrity until the climber can get to the ground, the top of the cliff, a ledge or anchorage and off of the rope. Not all dynamic ropes use Unicore® technology, so check the label first. To see a video of our PMI® Extreme Pro™ rope with Unicore® technology please go to http://pmirope.com/media/category/products-and-information/.

ULTRADRY™

In our quest to engineer the ultimate dry rope, we have gone above and beyond the core! UltraDry™ dynamic ropes have BOTH the core strands AND the sheath yarns dry treated. PMI UltraDry™ ropes will actually float for hours - really! Every filament of yarn for these ropes undergoes a process to create an actual shield of polymerized molecules within the yarn. This shield is then secured in place ... resulting in a durable, resistant, protected yarn which is made into PMI UltraDry™ropes. Not all dynamic ropes use UltraDry™ technology, so check the label first

MIDDLE MARK

Every PMI rope has a middle mark so you can find the middle of the rope with ease. If the black mark wears, you can easily mark the center again using only the PMI® Tec marker (page 27). To prevent damage to your rope, only use approved methods to mark your rope.

This is the DNA of your rope and is what sets our ropes apart from others that don't go through certification processes to ensure maximum safety and quality. The name, date, and place where the rope was made is printed on ID Tape that is woven into the core of the entire length of the rope. You should always climb on a rope with ID Tape so if you question its reliability you at least have some traceable information about that rope. You can cut the end of your rope to find the ID Tape in the core of PMI ropes. This important feature meets CI (Cordage Institute) 1801 requirements.

ROPE SPECIFICATIONS

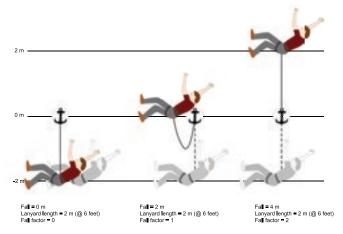
This section provides definitions and UIAA testing requirements for determining dynamic rope specifications. This technical information can help inform you in buying the best quality dynamic rope and you can be sure that PMI holds ourselves to these high standards with all of our ropes! The specifications can be found on the label of every rope. If that information is missing please go to www.pmirope.com, call PMI customer service at 1-888-764-1437 or e-mail at custserv@pmirope.com.

WFIGHT

Weight is measured in grams per meter (g/m) and can be a good indicator of the actual diameter of a rope. When comparing ropes of similar diameter from different manufacturers, a rope that varies significantly in weight may actually be over (or under) sized in actual diameter causing them to be incompatible with auxiliary equipment.

FALL RATING/FALL FACTOR

Dynamic ropes are often used in "lead" climbing situations where a severe fall in excess of a factor .25 could occur. Fall factors are calculated by the maximum distance a person could fall, divided by the length of the rope attaching the person to the anchorage point. In the case of lead climbing, the anchorage point may be fixed or removable gear that the person climbs above, creating the potential for falls that create a huge impact force. Please see the diagram below to get a better understanding for how to determine fall factor levels. It is the same whether using lanyards or dynamic ropes.



The UIAA test for dynamic ropes consists of a factor 1.8 fall over a simulated 10 mm carabiner edge. Single and Half ropes must withstand a minimum of 5 successive drops while Twin ropes are tested in pairs and must hold a minimum of 12 drops. The number of actual drops a rope withstands before it breaks becomes its fall rating. Keep in mind that fall ratings for Single ropes are not directly comparable with fall ratings for Half and Twin ropes. Single ropes and Twin rope pairs are tested with an 80 kg (176 lb) test mass while Half rope is tested as a Single rope but with only a 55 kg (121 lb) test mass. Note that the field use is quite different from lab testing. While a higher fall rating is better, the actual figure should not be taken too literally and good judgment as well as consistent inspection practices should be used for retiring a rope (See "CARE AND MAINTENANCE" section of the Dynamic Rope Manufacturer's Instructions).

IMPACT FORCE

The most important consideration in selecting a rope, Impact Force, refers to the amount of energy that a rope transmits to the climber and to the protection at the moment the fall is arrested. Falls are as described under Fall Rating, listed above. A maximum of 12 kN (2,700 lb) force is permitted for a Single and Twin ropes. Impact force for Half ropes must be below 8 kN (1,800 lb). Consider impact force in relation to other test results. Ropes with a high fall rating and low impact force rating can be relied upon to absorb energy better, fall after fall.

STATIC ELONGATION

This test measures elongation for a rope under and 80 kg (176 lb) load no drop, just a hang. Elongation must not exceed 8% (10% for Half ropes). The closer your rope is to the maximum, the greater its force absorption capability.

DYNAMIC ELONGATION/EXTENSION

Rope extension is a key measurement that dictates the happy medium between falling on a bungee cord vs. hitting the end of the rope with a snap. When climbing on a rope with high extension, for the first several feet of a climb you may be at risk of hitting the ground due to stretch. The UIAA test method measures actual rope elongation during a fall and must not exceed 40%. This figure goes down with age, so the closer your rope starts to the 40% maximum, the longer active life your rope should have.

DIAMETER

Many climbers assume that a thin diameter also indicates lightweight which has spurred some manufacturers to take some liberty in reporting diameters. It is also enticing to have a rope with a small diameter moniker and number of falls that compete with fatter ropes. Consider diameter in direct relation to weight if you want to know how many fibers are really in a rope. In general, thicker diameters, such as 9.4 mm and thicker, will wear longer. Diameter of a rope also determines if it is designed for twin, half or single use (see "Dynamic Rope Use" section below).

LENGTH

When choosing a length of a dynamic rope, you should consider where and how it will be used. Often you can use a 60 m rope for most climbs, either top roping or trad. Many routes are set with this length in mind. Sometimes you will need more rope to get to a solid belay or to rappel all of the way to the ground. Climbing guides will often explain details of a route where you might need that extra length of rope. Using Twin or Half ropes can give you more options if you are unfamiliar with a route or get off route.

DYNAMIC ROPE USE

1. Twin ropes combine the ease of Single rope use with the long pitch advantage of Half ropes ... and the ability to shift half the rope load to your partner on the approach. Both ropes are clipped every time.



2. Half ropes, once known as "double" ropes, are popular among traditionalists and mountaineers. They are most useful for long routes, reduced rope drag, rappel descents, and an extra measure of confidence where there is a likelihood of rope damage. Half ropes are also

recommended where pro is questionable, such as snow and ice routes.

3. Single ropes are the easiest to clip and belay, and for this reason are most popular with sport climbers. Single ropes are also used by trad climbers.





8.1 VERGLAS

With a fall rating of 18 for Twin rope use, you should feel absolute confidence in the VERGLAS when committing to those adventurous routes! Ideal for sport and trad rock routes as well as snow and ice climbs, sometimes two ropes can work to your advantage. This rope is UltraDry™ treated and performs to the highest standard in extreme conditions. It is the best lightweight option when splitting the load for those gear intensive treks and is conveniently available in two discernible colors. This exceptionally versatile rope is rated for both Twin and Half rope use, giving you the options you want.

Weight: 42.1 g/m »
Falls: 8 - Half / 18 - Twin »

Impact Force: 5.2 kN - Half / 8.9 kN - Twin » Static Elongation: 8.9% - Half / 7.2% - Twin » Dynamic Elongation: 35% - Half / 24% - Twin

8.1 mm (5/16")

Caribbean Coral

60 m (197 ft) Dry DR081LI060D DR081LH060D \$184.80 70 m (230 ft) Dry DR081LI070D DR081LH070D \$215.60

🛨 USA MADE 🛨

CERTIFIED UIAA 101, EN 892







The all new ERRATIC has every feature that you need all wrapped up into one rope for any climbing situation. It is a Single rope that is ultra-lightweight with a solid feel and precision control. The ERRATIC utilizes Unicore® technology, resulting in nearly zero sheath slippage, even if the sheath is damaged. This rope is also UltraDry™ treated for those ambitious alpine expeditions and for mixed rock and ice routes. It is also ideal for trad and sport climbing, especially when sending difficult routes where weight, speed and performance are your tools for success.

Weight: 55.0 g/m » Falls: 7 - Single / 31 - Half / 45 - Twin » Impact Force: 8.2 kN - Single / 6.2 kN - Half / 9.8 kN - Twin » Static Elongation: 6.5% - Single / 6.5% - Half / 3.9% - Twin » Dynamic Elongation: 31.2% - Single / 26.3% - Half / 23.4% - Twin

8.9 mm (23/64")

★USA MADE★

60 m (197 ft) Dry 70 m (230 ft) Dry

Laser Orange DR089NA060D DR089NA070D

\$238.50 \$278.25

CERTIFIED UIAA 101, EN 892





Laser Orange



9.4 ELITE

This lightweight rope weighing in at 57.4 g/m is a favorite among the best competitive climbers in the world. It weighs as much as 1/3 less than other similar diameter ropes providing speed and agility needed for tough routes. For its size, the ELITE is pound for pound superior in number of falls and impact force ratings compared to other ropes. The ELITE is best when you need a lightweight rope for those multi-pitch, multi-route days that end in an exhausted hike out by headlamp.

Weight: 57.4 g/m » Falls:7 » Impact Force: 7.9 kN » Static Elongation: 5.6% » Dynamic Elongation: 34%

9.4 mm (3/8")

★USA MADE★

60 m (197 ft) Standard 70 m (230 ft) Standard



Desert Dawn



9.9 SYNERGY

The SYNERGY is a great all-around rope for sport or trad, short or multipitch routes. It is a standard kernmantle design with a thicker sheath for exceptional abrasion resistance. It's great for Single rope use, is lightweight for longer hike-in access to amazing routes and has a substantial but agile feel that's noticed whether you're leading or belaying. Weight: 62.6 g/m »

Falls: 7 » Impact Force: 7.9 kN » Static Elongation: 9.5% » Dynamic Elongation: 36%

9.9 mm (25/64")

★USA MADE★

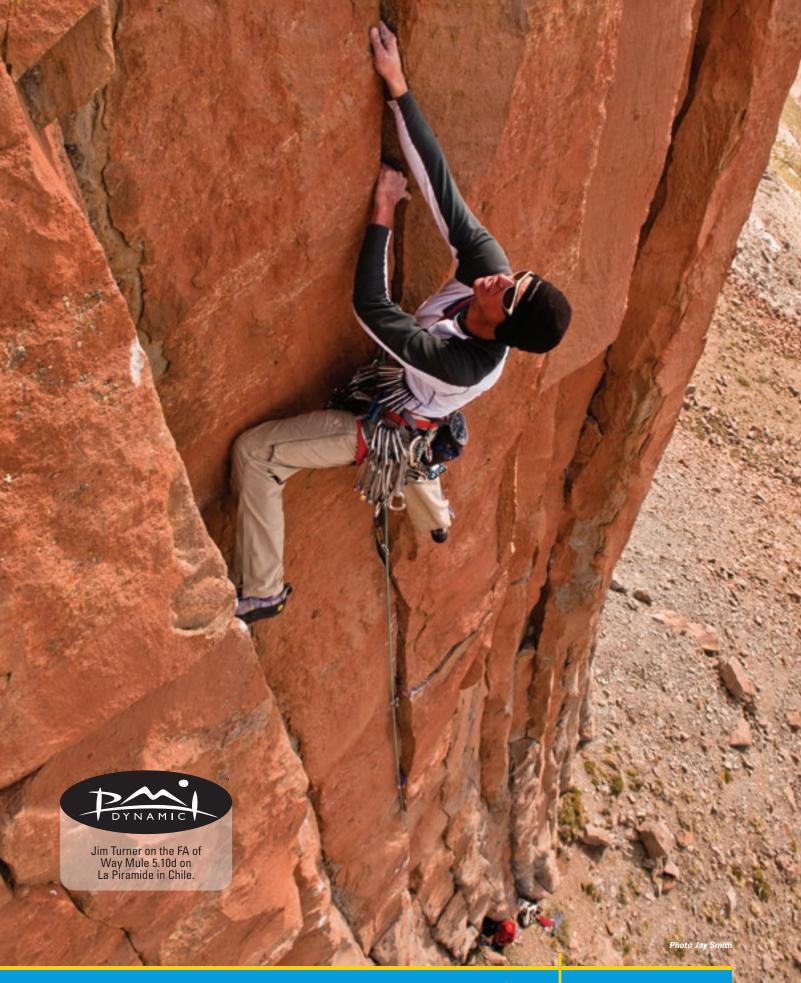
60 m (197 ft) Standard 70 m (230 ft) Standard DR099JG060S

DR099JG070S

CERTIFIED



Azureus







10.6 CIRQUE

The CIRQUE has a comfortable and solid feel that lets you forget about the rope and focus on the route! It has a high fall rating while providing minimal impact force. The CIRQUE is supple, has great knotability and is easily managed with most gear. This rope provides the perfect balance of weight and diameter for Single rope use.

Weight: 71.0 g/m » Falls: 12 » Impact Force: 8.1 kN » Static Elongation: 7.7% » Dynamic Elongation: 34%

10.6 mm (27/64")

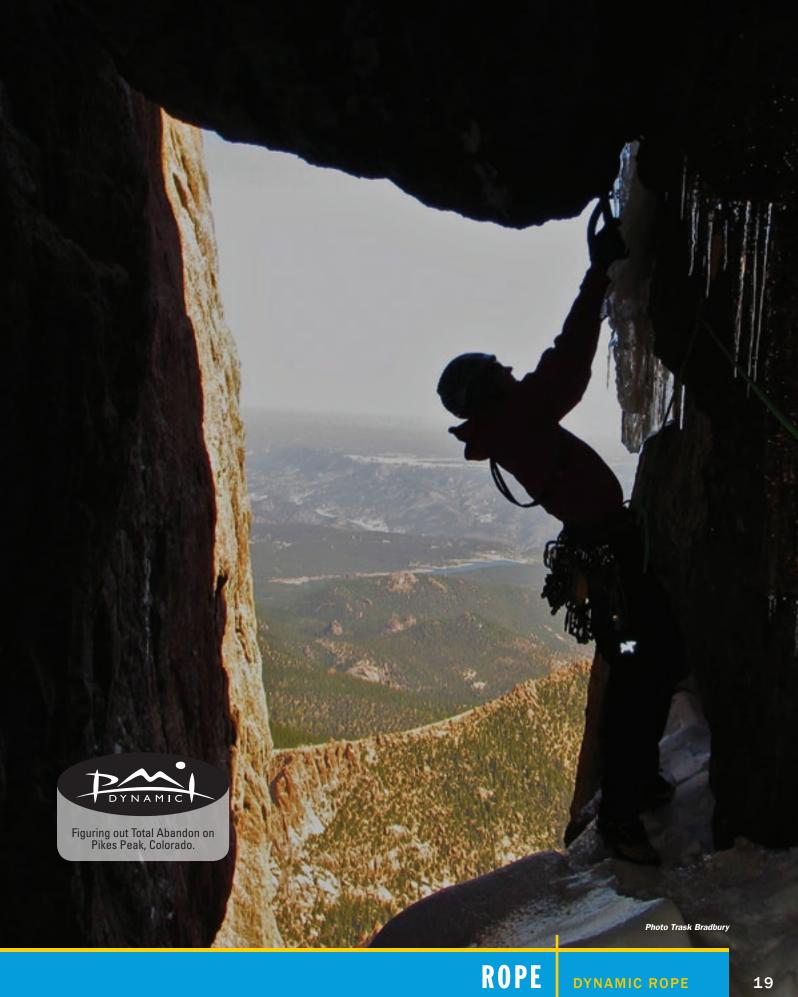
60 m (197 ft) DR106AZ060S Standard 70 m (230 ft) DR106AZ070S Standard

★ USA MADE 🖈

CERTIFIED



Mystic Canyon



11 LATITUDE

The LATITUDE is the largest diameter of the PMI Dynamic™ Single ropes. It has an incredible fall rating of 16 while providing an easily managed agile feel. Ideal for work-at-height applications that allow dynamic rope use. Also, great for groups of all climbing abilities, ropes courses and guiding with high use and abuse potential. The impact force and weight ratio are ideal for this solid rope that is built to last and take on any challenge you choose.

Weight: 81.0 g/m » Falls: 16 » Impact Force: 8.5 kN » Static Elongation: 7.2% » Dynamic Elongation: 34%

11 mm (7/16")

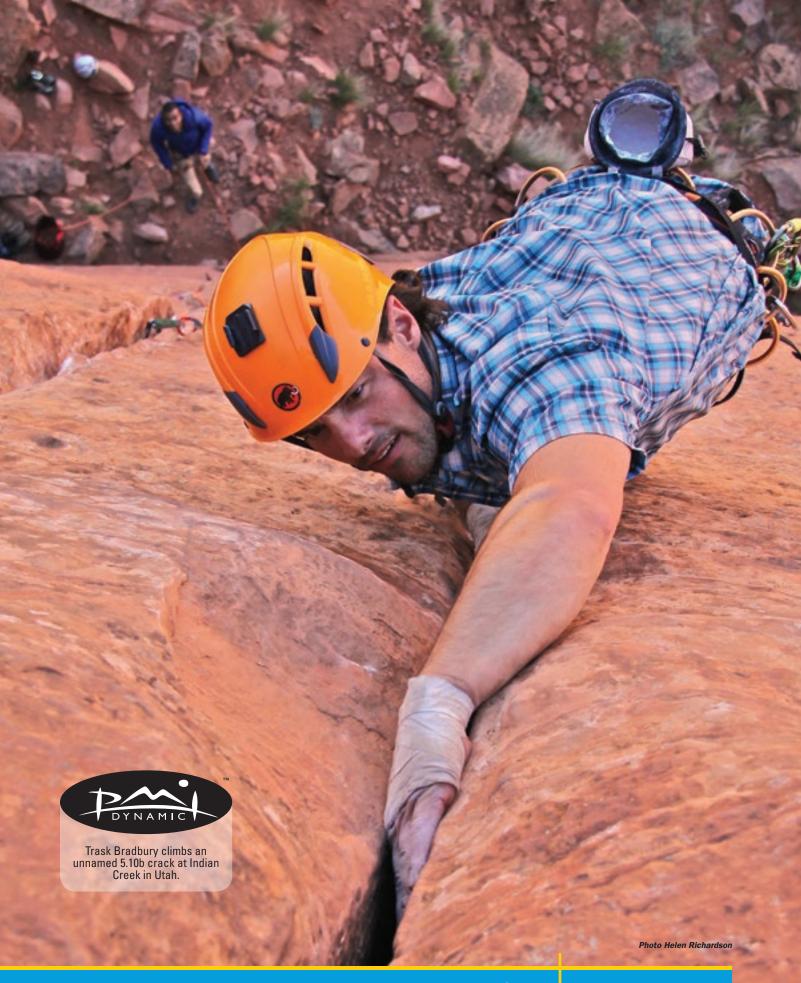
🛨 USA MADE 🖈

60 m (197 ft) Standard 70 m (230 ft) Standard





Raven





10.6 mm (27/64")

60 m (197 ft) Standard 200 m (656 ft) Standard Khaki DR106AG060S DR106AG200S Wild Berry DR106Al060S

DR106AI200S

\$207.60 \$692.00

★ USA MADE 🖈

CERTIFIED

UIAA 101, EN 892





PMI® HUDSON CLASSIC

PMI® Classic static to the last been at the heart of mountaineering and worldwide for the 30 keys. Extreme durability and substance you can on are what the opens known for. Built to exacting Cordage Institute Lip Safety Rope requirements, this rope requires a fland-wearing 16 callier sheath and a static core design. PMI® Classic Sport rope normally requirements at the corresponding to the control of the cont

Key Features: 16-carrier construction • Nylon • Classic construction

9 mm (23/64")

Weight: 53.0 g/m » MBS: 18.3 kN (4114 lbf) »

Elongation: 3.7% at 300 lbf | 5.4% at 600 lbf | 7.6% at 1000 lbf » Elongation at 10% MBS: 4.3%

White/Red/Black

46 m (150 ft)	SR090WZ046E	\$104.90
61 m (200 ft)	SR090WZ061E	\$139.90
92 m (300 ft)	SR090WZ092E	\$210.00
183 m (600 ft)	SR090WZ183E	\$420.00
200 m (656 ft)	SR090WZ200E	\$459.30

10 mm (25/64")

Weight: 66.0 g/m » MBS: 26.5 kN (5957 lbf) »

Elongation: 2.4% at 300 lbf | 4.6% at 600 lbf | 7.4% at 1000 lbf » Elongation at 10% MBS: 4.7%

White/Red/Black

46 m (150 ft)	SR100WZ046E	\$120.40
61 m (200 ft)	SR100WZ061E	\$160.50
92 m (300 ft)	SR100WZ092E	\$240.90
183 m (600 ft)	SR100WZ183E	\$481.80
200 m (656 ft)	SR100WZ200E	\$526.80

11 mm (7/16")

Weight: 80.0 g/m »
MBS: 28.5 kN (6407 lbf) »

Elongation: 1.8% at 300 lbf | 3.7% at 600 lbf | 5.6% at 1000 lbf » Elongation at 10% MBS: 3.7%

White/Red/Black

46 m (150 ft)	SK110WZ046E	\$139.30
61 m (200 ft)	SR110WZ061E	\$185.80
92 m (300 ft)	SR110WZ092E	\$278.80
183 m (600 ft)	SR110WZ183E	\$557.70
200 m (656 ft)	SR110WZ200E	\$609.80



CERTIFIED

CI1801, STATIC





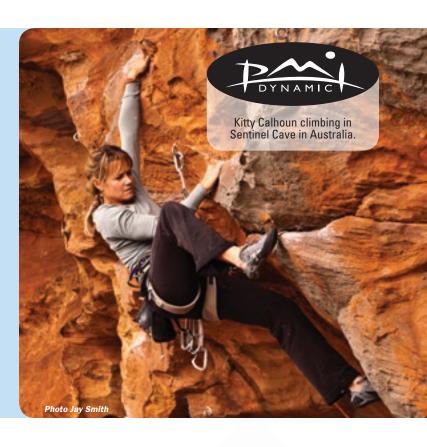
There's always another adventure just around the corner, and keeping your gear fit and ready to go at a moment's notice is just as important as keeping in shape yourself.

On these pages you will find just the right tools to help you care for your rope, and keep it in tip-top shape for that next outing.

ROPE CARE

There are a few things that you want to keep in mind when handling your rope.

- 1) Use edge protection when it's necessary to run the rope over rough surfaces or sharp edges. Also don't run moving ropes over stationary ropes (a moving rope can cut right through a stationary rope).
- 2) Avoid overloading your rope, so know your rope strength and be mindful of it when using it. Avoid stepping on your rope because if the floor is rough or dirty it can rub dirt into the rope or be abrasive.
- 3) Ultraviolet light can cause some damage to ropes as well. The current materials used are more resistant to UV light than they were years ago but it's a good idea to avoid exposing them to UV light for long periods
- 4) Be sure that your rope is compatible with the gear you're using. Check your pulleys, descenders, ascenders and prusik cords for the rope sizes and diameters that they're made for.
- 5) Avoid chemicals at all costs because even the fumes can damage the rope and there won't necessarily be any visible signs of damage.
- 6) Finally, avoid heat when using or storing your rope as extreme heat can melt a rope and lessen the strength. Be aware of the ambient conditions your rope will be used in or stored in; for example, using a rope in fire rescue or storing a rope in the trunk of a car during the summer. Knowing the temperatures that your rope is built to withstand is essential to caring for your rope.





One of a kind scrubbing bristles provide just enough cleaning power to get the dirtiest rope ready for action.

BOKAT ROPE WASHER BY PMI®

A built in brush makes this the best cleaning rope washer we've ever used. Just hook it up to your hose, turn on the water, and pull the rope through the washer. The water loosens dirt and the brush scrubs it off.

Key Features: Easy to use • Use with PMI® Rope Soap Height: 4.00" (10.2 cm) » Width: 2.50" (6.4 cm) » Length: 12.00" (30.5 cm) » Weight: 1.19 lbs (425 g)

RC48002

\$42.00

★ USA MADE



Use this protective black polyester mesh bag when washing rope, webbing, and other soft goods. Use several bags to keep like-items sorted, keep your gear together and prevent it from tangling during washing. Holds 250 ft of 11

Key Features: Great for keeping your gear sorted as well as for washing • Works with front or top loading machines Width: 23.00" (58.4 cm) » Length: 30.50" (77.5 cm) » Weight: 6.6 oz (187 g)

RB44046

\$23.50



PMI® ROPE SOAP

Giving you a clean rope that will last. PMI®'s Rope Soap gently removes dirt, oil, grease, soot, smoke, and other grime.

Key Features: 1 bottle does up to 4-5 loads • 6 to 8 oz with 15 gallons of water • Biodegradable • Low PH

Weight: 2.06 lbs (934 g)

RC48031 \$19.95



Easy to apply shrink tube goes

over your hand written ID tag.

PMI® TEC MARKER

PMI®'s TEC Rope Marker from Sharpie is the only pen that is batch tested for 24 trace elements, making it the only pen you can really trust for marking your rope. Weight: 0.4 oz (12 g)

Black AC10006

\$7.50



WHIP END DIP

Seal your rope ends to prevent fraying and add a color coding option to your gear with this water based liquid vinyl compound sealant.

Key Features: Perfect for color coding multiple ropes • Available in three colors • Non toxic • Easy to apply • 1 bottle = 64 ends (3 coats each)

Weight: 5.0 oz (143 g)

Clear RC48011 Red RC48012 White RC48013

\$9.75

Clear







PMI® ROPE MARKING SOLUTION

Protect rope ends and provide important information such as when a rope is put into service, ID, etc. Write your own information on the ID tags and slip between shrink tube and rope.

Key Features: Kit includes 6 tags and 12 inches of 3/4" shrink tube . Easy to apply . Long lasting

ID Kit

Weight: 0.5 oz (13 g)

RC48030

\$6.60

60 Additional Tags Weight: 1.3 oz (38 g)

RC48001 \$34.00

3/4" Bulk Shrink for 11 mm - 16 mm Rope

RC48008 \$.65 per foot

3/8" Bulk Shrink for 10 mm Rope RC48007 \$.42 per foot



CORDAGE METER

If you regularly cut rope off a spool, a cordage meter is an indispensable tool. While you pull the rope through the meter the toothed measuring wheel and stainless steel pressure shoe assures uninterrupted NO SLIP contact with the cordage. The meter should be firmly mounted for optimum accuracy using the optional brackets available. The extended bracket allows the meter to be pivoted out of the way when not in use. Conforms to Weights and Measures specifications in U.S.A. and Canada.

Key Features: Available in Feet or Metric measurements • Digital Counter adds or subtracts • Resets to ZERO with one turn of knob • Measures ropes and cordage from ¼" (6 mm) to ¾" (20 mm) diameter

Height: 1.75" (4.4 cm) » Width: 8.25" (21.0 cm) » Length: 10.50" (26.7 cm) » Weight: 2.6 lbs (1.180 kg)

Cordage Meter

Units - Metric

Units - Feet

RC48003 RC48004 \$274.00

Accessories \$237.00

Standard Bracket **Extended Bracket** RC48006 RC48005

\$8.00 \$25.00

ELECTRIC HOT KNIFE

Fusing rope ends helps protect your rope and prevent unraveling after cutting the rope.

Key Features: Table top size . Operates on 110 volts AC . Red 'on' light . Replacement blades available • Heats up to 1200° F (649° C)



SMALL CORDAGE METER

When you need to cut accessory cord from a spool, this meter gets the job done. Conforms to Weights and Measures specifications in the U. S. A. and Canada. This unit accommodates cord from 1/16" to 1/2" (1.5 mm to 12.7 mm).

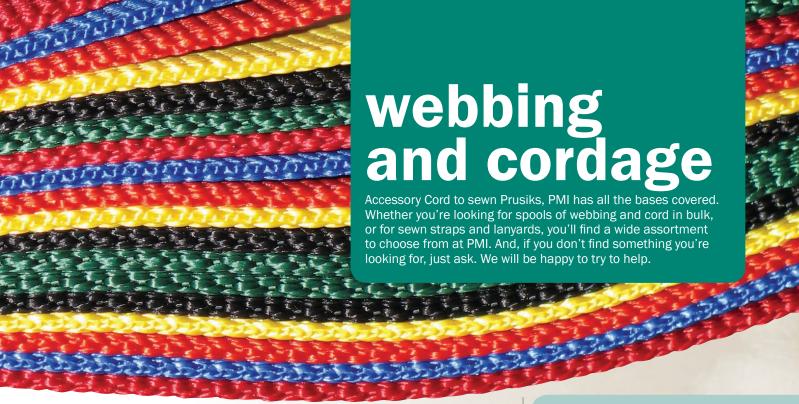
Key Features: Three guide tubes and a pressure roller provides accurate measurements • Measures either natural or synthetic fiber cords • Measures accessory cord with diameters of 1/16" to 1/2

Height: 1.75" (4.4 cm) » Width: 8.25" (21.0 cm) » Length: 10.50" (26.7 cm) » Weight: 2.6 lbs (1.180 kg)

Small Cordage Meter

RC48040 Units - Feet \$314.00 Units - Metric RC48041 \$314.00





ACCESSORY CORD

PMI® Accessory cord is made with the ideal combination of force absorption, flexibility, and durability. Lightweight and supple line makes creating anchors and tying knots a breeze

Key Features: 100% nylon • Available from 2 mm to 9 mm • Discounted price for spooled lengths

2 mm (5/64") 100 m Spool	Multi Color CC020ZA100S				\$38.00
3 mm (1/8") 100 m Spool	Black CC030MB100S	Multi Color A CC030MC100S	Multi Color B CC030ME100S		\$46.20
4 mm (5/32") 100 m Spool	Black CC0400B100S	Multi Color A CC0400C100S	Multi Color B CC0400E100S		\$74.00
5 mm (13/64") 50 m Spool 100 m Spool	Black CC055QB050S CC055QB100S	Multi Color A CC055QC050S CC055QC100S	Multi Color B CC055QD050S CC055QD100S	Multi Color C CC055QE050S CC055QE100S	\$49.00 \$98.00
6 mm (15/64") 50 m Spool 100 m Spool	Black CC060SB050S CC060SB100S	Multi Color A CC060SC050S CC060SC100S	Multi Color B CC060SD050S CC060SD100S	Multi Color C CC060SE050S CC060SE100S	\$64.00 \$128.00
7 mm (9/32") 50 m Spool 100 m Spool	Black CC070UB050S CC070UB100S	Multi Color A CC070UC050S CC070UC100S	Multi Color B CC070UE050S CC070UE100S		\$79.00 \$158.00
8 mm (5/16") 50 m Spool 100 m Spool	Black CC080WB050S CC080WB100S	Multi Color A CC080WC050S CC080WC100S			\$99.00 \$198.00
9 mm (23/64") 50 m Spool 100 m Spool	Black CC090YB050S CC090YB100S	Multi Color A CC090YC050S CC090YC100S			\$128.50 \$257.00

4 mm - 8 mm UIAA 102

The MBS figures below apply to all cords shown on pages 22-25 (not including Sewn Prusik Cord Loops, Tuff Cord, and Utility Cord).

DIAMETER	MBS
2 mm - 2.3 g/m	0.7 kN (157 lbf)
3 mm - 6.7 g/m	1.8 kN (405 lbf)
4 mm - 12.4 g/m	3.8 kN (854 lbf)
5 mm - 19.4 g/m	5.8 kN (1304 lbf)
6 mm - 22 g/m	7.5 kN (1686 lbf)
7 mm - 29 g/m	10.7 kN (2405 lbf)
8 mm - 39 g/m	13.4 kN (3012 lbf)
9 mm - 48 g/m	16.2 kN (3642 lbf)

CORDELETTE

PMI®'s 7 mm nylon accessory cord is pre-cut to the standard 6.4 m (21 ft) cordelette length for convenience. This nylon cordelette offers greater shock absorbing capability and knot security than those made with aramid, HMPE, and other ultra-high modulus fibers.

Key Features: 100% nylon • 7 mm • 6.4 meters • Perfect for creating anchors • UIAA 102

Weight: 29 g/m » MBS: 10.7 kN (2405 lbf)

Multi Color CC070UC006S 6.4 m \$15.50



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🛨 USA MADE 🛨

CERTIFIED

PMIDYNAMIC.COM

PRUSIK CORD

PMI's sturdy 100% nylon prusik cord in standard colors to help keep your gear organized.

Key Features: 100% nylon • UIAA 102 Certified

 7 mm (9/32")
 Yellow/Red
 Blue/Red

 50 m Spool
 CC070UJ050S
 CC070UK050S
 \$79.00

 100 m Spool
 CC070UJ100S
 CC070UK100S
 \$158.00

 8 mm (5/16")
 Green/Blue
 Red/Yellow

 50 m Spool
 CC080WF050S
 CC080WG050S
 \$99.00

 100 m Spool
 CC080WF100S
 CC080WG100S
 \$198.00

★ USA MADE ★

CERTIFIED UIAA 102



TUFF CORD

A great choice for extreme rigging applications. This durable cord has a lower stretch core and tighter sheath than our other accessory cords and is especially good for mountain guides,



Improved tighter sheath to reduce sheath slippage.

lightweight expeditions, and in pre-rigged haul systems.

Key Features: 100% nylon • Higher abrasion resistance than regular accessory cords • The only cord of its kind on the market • Tuff cord is used in the JR Haul System (page 91)

7 mm (9/32")

MBS: 11 kN (2473 lbf) » Weight: 38 g/m

Orange/Blue

100 m Spool SR0700X100E \$237.00

★ USA MADE ★

CERTIFIED CI1801, STATIC

BAGGED CORD

PMI's sturdy 100% nylon cord pre-cut and bagged for display. Available in 52 ft.



SEWN PRUSIK CORD LOOPS

PMI is proud to offer the latest innovation in accessory cords. Precision sewn loops form a sleek, low profile connection that is stronger than a knot. Clear tubing protects the stitches yet allows for easy inspection.

Key Features: Available in 6 mm, 7 mm, and 8 mm • 5'8" length perfect for creating purcell prusiks • Used in the PMI® Tandem Prusik Belay Kit (page 90) • Cord also slides under the clear tubing to allow length adjustment

6 mm (1	5/64")	
MBS: 11	kN (2473 lbf)	
	Multi	
11"	KT36094	\$9.50
20"	KT36095	\$10.25
44"	KT36096	\$11.50
5'8"	KT36097	\$13.00

7 mm (9/32") MBS: 15 kN (3372 lbf)

5'8"

Yellow Blue
19" KT36137 \$10.50
26" KT36138 \$11.25
34" KT36092 KT36100 \$12.00

KT36101

\$14.95

8 mm (5/16") MBS: 20 kN (4496 lbf

KT36093

INIBS: 20	KN (4496 lbt)		
	Green	Red	
16"	KT36090	KT36098	10.50
20"		KT36160	\$10.75
22"	KT36091	KT36099	\$11.00
26"	KT36161		\$11.50

★ USA MADE ★

PMI® UTILITY CORD

PMI's strong utility cord can be used for various tasks. Take it along when you go outdoors for tent tie-down, clotheslines, securing various items to other items, and many other needs.

Key Features: Polyester sheath/nylon core • Pre-cut • Five colors Weight: 3.4 oz (98 g) » Length: 15 m (50 ft) » MBS: 1.8 kN (405 lbf)

3 mm (1/8")

Blue/Green	CC030BG015P	\$5.30
Black	CC030BK015P	\$5.30
Green	CC030GR015P	\$5.30
Orange	CC0300R015P	\$5.30
White	CC030WH015P	\$4.90



NITELINE™

Glow in the dark and Retro Reflective yarns work together to make this 3 mm accessory cord visible in low-light conditions. A great choice for creating gear lanyards, tent lines, or other marking purposes.

Key Features: 100% Nylon • Glows for up to 10 hours • 3 mm • White phosphorescent sheath tracer • Reflective tracers

Weight: 6.4 g/m » MBS: 1.8 kN (405 lbf)

Blue/White

15 m CC030MH015S \$18.75 50 m Spool CC030MH050S \$62.50 100 m Spool CC030MH100S \$128.00



LUMI-LINE™

PMI®'s 7 mm nylon accessory cord is pre-cut to the standard 6.4 m (21 ft) cordelette length. Set up systems through the night with Lumi-Line™. The special phosphorescent striped sheath will glow after extended exposure to a light source.

Key Features: 100% Nylon • Glows for up to 10 hours • 7 mm • Available in 6.4 m Cordelette • White phosphorescent tracer • UIAA 102

Weight: 29 g/m » MBS: 10.7 kN (2405 lbf)

Blue/White

50 m Spool CC070UG050S \$125.00 100 m Spool CC070UG100S \$250.00 6.4 m CORDE-LITE™ CC070UG006S \$15.50





\$1.14

\$108.50

TUBULAR WEBBING

PMI's webbing is specially built to commercial versions of military specifications. For all rigging uses: slings, anchorages, even hasty seats.

Orange

WB59031

Vellow

WB59012

Black

\$108.50

Key Features: For all rigging uses • Available in 1" and 2" • 9 colors available in 1" • 2" available in red

Blue

WB59021

Weight: 36 g/yd » MBS: 18 kN (4000 lbf) 1" Red

WB59001 WB59003 WB59005 WB59007 WB59009 Per Yard WB59002 WB59004 WB59006 WB59008 WB59010 100 yd 1" **OD** Green Dark Green **Purple** Fluorescent Green WB59034 WB59025 WB59032 WB59011 Per Yard \$1.14

Weight: 75 g/yd » MBS: 36 kN (8000 lbf)

2" Red

100 yd

Per Yard WB59013 \$3.09 WB59014 50 yd \$147.00

WB59033



Use different colors for color coding all your anchorages.





1" FLAT WEBBING

For your really tough webbing applications, flat webbing is thicker and stronger than 2" seatbelt webbing. Applications for flat webbing are endless, from sewn products to rigging.

Key Features: Create slings, anchorages, even hasty seats . Available in 1"

Weight: 36 g/yd » MBS: 27 kN (6000 lbf)

Yellow Black Blue Red WB59038 WB59036 WB59040 WB59046 \$1.85 Per Yard 50 yd WB59037 WB59035 WB59039 WB59045 \$88.00





You can't beat the strength of flat webbing for those harness sewing products.

NOMEX® WEBBING

This lightweight tubular webbing of DuPont Nomex® is excellent for use as heat and flashover fire protection. Same webbing as found on many fire service breathing apparatus straps.

Key Features: Not for live loads . Low MBS . 1" wide

Weight: 14 g/yd » MBS: 1 kN (250 lbf)

Black 1"

Per Yard WB59027 \$7.00







GLOVE SPECIFICATIONS

PMI offers a variety of gloves to fit your every need. Review the Key Features of the various gloves below and visit shop.pmirope.com for a Glove Sizing chart to assist in your selection.

HOW TO MEASURE FOR SIZING PMI GLOVES

- 1) Circumference: measure around widest part of knuckles.
- 2) Length: measure from crease in wrist to tip of 3rd finger (the longest).
- 3) If hand length exceeds the max. length shown, pick next larger size of glove.

GLOVE NAME	WEIGHT	MATERIAL	SIZING INFO		CERTIFICATIONS
XX-SMALL			Circumference	Max Length	
Rope Tech	7.9 oz (224 g)	Synthetic Leather and Cowhide	Up to 7.5"	7.00"	N/A
X-SMALL			Circumference	Max Length	
Fingerless	4.3 oz (121 g)	Goatskin and Cowhide	7.0" - 7.5"		N/A
Rope Tech	7.9 oz (224 g)	Synthetic Leather and Cowhide	7.0" - 7.5"	7.25"	N/A
Lightweight Rappel	4.3 oz (122 g)	Goatskin and Cowhide	7.0" - 7.5"	7.25"	N/A
SMALL			Circumference	Max Length	
Fingerless	4.7 oz (133 g)	Goatskin and Cowhide	7.5" - 8.0"		N/A
Rope Tech	7.9 oz (224 g)	Synthetic Leather and Cowhide	7.5" - 8.0"	7.5"	N/A
Lightweight Rappel	4.7 oz (133 g)	Goatskin and Cowhide	7.5" - 8.0"	7.5"	N/A
MEDIUM			Circumference	Max Length	
Fingerless	4.7 oz (133 g)	Goatskin and Cowhide	8.0" - 8.75"		N/A
Rope Tech	9.0 oz (255 g)	Synthetic Leather and Cowhide	8.0" - 8.75"	7.75"	N/A
Lightweight Rappel	4.7 oz (133 g)	Goatskin and Cowhide	8.0" - 8.75"	7.75"	N/A
LARGE			Circumference	Max Length	
Fingerless	5.3 oz (150 g)	Goatskin and Cowhide	8.75" - 9.50"		N/A
Rope Tech	9.1 oz (258 g)	Synthetic Leather and Cowhide	8.75" - 9.50"	8.0"	N/A
Lightweight Rappel	5.3 oz (150 g)	Goatskin and Cowhide	8.75" - 9.50"	8.0"	N/A
X-LARGE			Circumference	Max Length	
Fingerless	5.7 oz (162 g)	Goatskin and Cowhide	9.50" - 10.50"		N/A
Rope Tech	10.1 oz (286 g)	Synthetic Leather and Cowhide	9.50" - 10.50"	8.25"	N/A
Lightweight Rappel	5.7 oz (162 g)	Goatskin and Cowhide	9.50" - 10.50"	8.25"	N/A
XX-LARGE			Circumference	Max Length	
Rope Tech	10.5 oz (298 g)	Synthetic Leather and Cowhide	10.50" - 12.0"	8.50"	N/A
Lightweight Rappel	5.7 oz (162 g)	Goatskin and Cowhide	10.50" - 12.0"	8.50"	N/A

PMI® FINGERLESS BELAY GLOVES - WHITE/TAN

PMI's famous Rappel Glove, re-engineered. Fingerless design constructed of pliable goatskin and an extra layer of durable cowhide across the palm. Goatskin is used because it has a short break-in period and it also naturally contains lanolin which keeps the gloves supple. An original innovative designed leather pull tab between the fingers makes removal easy.

Key Features: Lightweight • Soft leathers provide easy movement • Fingers covered just enough for protection • Quick removal

X-Small

Weight: 4.3 oz (121 g) » Circumference: 7.0" - 7.5"

GL22401 \$32.00

Medium

Weight: **4.7 oz (133 g) »**Circumference: **8.0" - 8.75"**

GL22403 \$32.00

Large

Weight: 5.3 oz (150 g) » Circumference: 8.75" - 9.5"

GL22404 \$32.00

X-Large

Weight: **5.7 oz (162 g)** » Circumference: **9.5" - 10.5"**

GL22405

\$32.00



Weight: 4.7 oz (133 g) » Circumference: 7.5" - 8.0"

L22402 \$32.0





PMI® ROPE TECH GLOVES - TAN

Hand protection and finger dexterity at its best. This ultra-lightweight design is great for belaying, knot tying and other rigging work. It is not suitable hand protection for fast rope or other body rappel techniques.

Key Features: Synthetic leather (palm base layer) • Cowhide layer (finger wear points and palm) • Ergonomically shaped for maximum protection and durability • Two-Way stretch spandex on top and fingers for greater mobility and breathability • Elastic cuff with pull-tab and Velcro® closure • Carabiner loop stores inside for snag free operations

XX-Small

Weight: 7.9 oz (224 g) »

Circumference: Up to 7.5" » Max Length: 7.0"

\$38.00

X-Small

Weight: 7.9 oz (224 g) »

Circumference: 7.0" - 7.5 » Max Length: 7.25"

GL22301 \$38.00

Small

Weight: 7.9 oz (224 g) »

Circumference: 7.5" - 8.0" » Max Length: 7.5"

GL22302 \$38.00

Medium

Weight: 9.0 oz (255 g) »

Circumference: 8.0" - 8.75" » Max Length: 7.75"

GL22303 \$38.00

Large

Weight: 9.1 oz (258 g) »

Circumference: 8.75" - 9.5" » Max Length: 8.0"

GL22304 \$38.00

X-Large

Weight: 10.1 oz (286 g) »

Circumference: 9.5" - 10.5" » Max Length: 8.25"

GL22305 \$38.00

XX-Large

Weight: 10.5 oz (298 g) »

Circumference: 10.5" - 12" » Max Length: 8.5"

GL22306 \$38.00

PMI® LIGHTWEIGHT RAPPEL GLOVES - WHITE/TAN

The original PMI rope rappel glove, still the most popular glove on the market. Lightweight, pliable goatskin provides excellent finger dexterity while two extra layers of cowhide across the palm maximize protection where you need it most.

Key Features: Soft leathers provide easy movement • No exposed seams on the palm

X-Small

Weight: 4.3 oz (122 g) »

Circumference: 7.0" - 7.5" » Max Length: 7.25"

GL22001 \$38.00

Weight: 4.7 oz (133 g) »

Circumference: 7.5" - 8.0" » Max Length: 7.5"

GL22002 \$38.00

Medium

Weight: 4.7 oz (133 g) »

Circumference: 8.0" - 8.75" » Max Length: 7.75"

GL22003 \$38.00

Large

Weight: 5.3 oz (150 g) »

Circumference: 8.75" - 9.5" » Max Length: 8.0"

GL22004 \$38.00

X-Large

Weight: 5.7 oz (162 g) »

Circumference: 9.5" - 10.5" » Max Length: 8.25"

GL22005 \$38.00

XX-Large

Weight: 5.7 oz (162 g) »

Circumference: 10.5" - 12" » Max Length: 8.5"

GL22006 \$38.00







CONTACT AND ORDER INFORMATION

CONTACT PMI

Toll Free: 1-800-282-ROPE (7673)

Phone: 1-706-764-1437 Fax: 1-800-952-3747

International Fax: 1-706-764-1531 E-mail: custserv@pmirope.com

Mail: PMI Inc. PO Box 803

LaFayette, GA 30728 USA

CONTACT **YOUR LOCAL** PMI DEALER

To find the PMI Dealer nearest you, call: North America: 1-800-282-ROPE (7673)

International: 1-706-764-1437

Or on the web at: www.pmidynamic.com



DEALER AND DIRECT ORDER INFORMATION

- · Orders may be placed by phone, fax, or e-mail.
- Customer Service can be reached Monday through Friday from 8:30 am to 5:00 pm ET. If you call outside of these hours, please leave a message.
- · When faxing an order, include a daytime phone number in case we need to contact you.
- · Send e-mail orders to custserv@pmirope.com.
- Whether you call, fax, or e-mail us, make sure you indicate quantities, sizes, and color choices. Using our product numbers and descriptions will speed up your order.
- · We accept purchase orders from governments, organizations, businesses, and schools with approved credit.
- Georgia/Colorado/Washington sales tax is required on all orders picked up or delivered in Georgia, Colorado, or Washington unless you have a Georgia, Colorado, or Washington tax exemption certificate on file with our office. All other applicable taxes are the purchaser's responsibility.

GOVERNMENT SALES

We welcome government bid/quote requests. Send your complete specifications and bid request to: PMI Inc., P.O. Box 803, LaFayette, Georgia, 30728-0803 or fax to 1-800-952-3747. We accept purchase orders from government agencies such as rescue squads, fire departments, police departments, and land managers. Our standard terms of sale apply to all orders unless other arrangements are made in writing.

INTERNATIONAL ORDERS

- For the fastest service and shipping information, Call: 1-706-764-1437, Fax: 1-706-764-1531 or send e-mail to custserv@pmirope.com. All international orders must be in writing.
- · We must have a phone number and payment in advance before shipping your order.

- · Payment for products and shipping must be in US Dollars. All international orders are EXWORKS. Wire transfer only for international orders. Contact International Customer Service for information.
- Duty and any other import taxes are not prepaid. You are responsible for duties, taxes, and any brokerage fees. Check with your local customs office for details.

SHIPPING INFORMATION

- All materials sold F.O.B. Shipping point. Customer assumes all insurance and delivery risks of loss or damage at F.O.B. point as provided in common law.
- If a shipping container is damaged when you receive it, open it and inspect the contents while the carrier is there. Report damage to the carrier by marking the freight bill before you accept or refuse the
- If the container looked okay but the contents were damaged or items are missing, please contact us. We must be notified of any shipping discrepancies within 15 days of receipt of our package or invoice.
- We ship rush orders via UPS or Fed-Ex.
- · Oversized items will be shipped Motor Freight.

PAYMENT OPTIONS

If you don't have an account with PMI, we offer the following alternative methods of payment:

- Prepaid Cashier's check or money order, payable to Pigeon Mountain Industries.
- · C.O.D. Cashier's Check or Money Order.
- · Visa, Master Card, or American Express The minimum charge purchase is \$25.00. Please be sure to include the complete number, your name as it appears on the card, the expiration date, and the phone number and billing address for the card.
- · Sorry, we do not accept personal checks.



