



Ropes & equipment
for your vertical world

Your safety is our priority!

PMI is committed to helping you achieve safety and compliance by providing accurate information, top-quality products, and educational resources for your safety.

Photo: Albert Pedroza,
San Antonio Fire Department



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Most orders ship in 1-10 Business days.
Best Sellers usually ship in 1-2 Business Days.

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*Quality.
Service.
Value.*

Gear for Your Vertical World

PMI has been manufacturing ropes and equipment in the USA since 1976. That's 42 years of experience, hard at work for you.

We've also been responsible for pioneering some of the most innovative products and brands into the worlds of rescue, caving, rope access, and work at height.

In this catalog you'll find lots of **New!** products and old favorites to meet your regulatory requirements and needs, wherever in the world you are.

In addition to PMI, you will also find other brands that we consider to be "the best of the best". We've chosen to work with brands like SMC, Cascade, SKEDCO, ClimbTech, ISC, and others, because we know they hold your safety in as high esteem as we do.

If you love the gear we offer, check out our training, too! PMI's Vertical Rescue Solutions (VRS) Training is staffed and managed by some of the most cutting edge professionals who are eager to not only 'show you the ropes' but also help provide technical assistance, regulatory information, and other resources to help you succeed.

As a company founded and run by experienced rope users, we are committed to serving you as though our lives depend on it. Because they do. That's why we invest part of our profits in the success of the markets we serve. Did you know that PMI founded SPRAT? We've also been the movers and shakers behind the International Technical Rescue Symposium since it's inception, and are actively involved with NFPA, ANSI, NWSA, Mountain Rescue Association, National Cave Rescue Commission, International Commission for Alpine Rescue, and a host of other important industry groups.

We know what it's like to put your life on the line day after day, and it is our purpose and joy to serve and support your efforts. You'll find more than just "products" in this catalog; you'll find solutions that have been meticulously crafted, selected, and approved by PMI employees who take work (and play) at height just as seriously as you do.

Climb Safe.

Loui McCurley, CEO
And the Entire PMI Team.



Rope is the foundation of any vertical system. PMI offers a wide range of materials and constructions for every application.

Rope

Small diameter cordage and webbing, by the spool or in sewn configurations, for all your rigging needs.

Webbing
and Cordage

Harnesses, Helmets, Gloves and more. Optimum comfort and regulatory compliance for professionals.

Personal
Gear

Whether you're looking for Carabiners, Pulleys, Descenders or other hardware, you can rely on PMI for safety and performance.

Hardware

Simple, elegant solutions to equip you with task-specific tools to complete your mission with confidence.

Solutions
and Kits

Rigid litters, soft litters, litter wheels, and other gear for patient care during technical rescue and evacuation.

Patient
Care

Rope bags, gear bags, and organizational tools help improve efficiency... which leads to safety.

Logistics and
Support Gear

PMI's Vertical Rescue Solutions Training and a solid collection of books and training tools to support the informed Rope Technician.

Training and
Education

Look for these quick reference flags throughout this catalog for information about manufacturing by American craftsmen and regulatory compliance of PMI and partner products.



This product is proudly made in the United States.



This product is compliant with these standards.



This product has one or more International certifications.



New product in 2018.



Available by Special Order.



Typically ships in 1-2 business days.

FIRE RESCUE

ROPE RESCUE

WILDERNESS RESCUE

CONFINED SPACE

CAVE RESCUE

ROPE ACCESS

ARBORIST

FALL PROTECTION

UTILITIES SAFETY

OUTDOOR CLIMBING

GYM CLIMBING

RECREATIONAL CAVING

TOWER WORK

ROPES COURSE

WATER RESCUE

TACTICAL

THEATER

This product is recommended for this activity/work.

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Team PMI

Quality equipment takes people with years of experience and expertise to produce. At PMI, we take great pride in our production, customer service, support, training and sales team members. We take good care of our people so they can focus on making the best equipment possible at a highly competitive price while providing the industries gold standard service. From the founding of our company over forty years ago, a core belief has been "Quality is never an accident; it is always the result of intelligent effort". For over forty years, PMI's production, customer service, support, training and sales team members have provided gold standard service to go along with the quality gear we offer.



Private Label & OEM Products

Put your brand on PMI's high quality competitively priced Made-in-America equipment and stand above the competition. From custom designed and colored rope and cord to sewn goods and multi-component products, PMI has the capability and expertise to deliver on time and to specification.

Call today for a free quote at 706-764-1437 x4.





Photo TranSystems

Your safety is our priority!

We're committed to providing accurate information, top-quality products, and educational resources for your safety.

Standards and Compliance

Where applicable, PMI products meet appropriate national and international standards.

We're so committed to the gear we make and how it's used, we actually invest resources into the standards-writing process and actively participate in ANSI, OSHA, NFPA, ASTM, ISO, and other professional efforts, all with your safety in mind.

If you have a question that isn't answered in this catalog, feel free to give us a call at 706-764-1437.

PMI Quality Assurance

Quality is of prime importance at PMI. As an ISO 9001 Registered company, independent auditors regularly inspect and evaluate our quality systems. In addition, we maintain an in-house testing laboratory to help ensure that you can rely on the quality and consistency of our products.

Research and Development

Research and development at PMI begins in the field. Just meeting the standards isn't enough. Your gear has to conform to your needs, and it has to be practical and easy to use. In our mission to exceed your expectations, we look to customers and employees who use PMI gear to provide insight and critical analysis for our product development.

You can rely on PMI.

Certification

PMI ropes and many other products in this catalog are third party tested by independent labs to various standards.



PMI LIMITED WARRANTY

PMI products are warrantied to the original retail purchaser to be free from defect in material and workmanship for a period of one year. PMI will repair or replace the item without charge, provided inspection at our factory discloses no misuse or alteration which, in our judgment, has affected the condition or functioning of the product.

All implied warranties imposed by law in connection with the sale of PMI products are also limited in duration to a period of one year. PMI expressly excludes and shall not be liable for any consequential damages arising out of any breach of the express or implied warranties on sales of PMI products. Because of the high risks involved in rescue and outdoor activities such as, but not limited to, rope rescue, rope access, caving, rappelling, rock climbing, and mountaineering, no further warranties exist or are implied by PMI. Regulations issued under the Magnuson-Moss Warranty Act require us to include the following statement: some states do not allow limitations on how long an implied warranty lasts nor the excluding or limitation of incidental or consequential damages, so the above limitations may not apply to you.

Resources and Organizations

STANDARDS AND REGULATORY RESOURCES

PMI puts major funding and time into supporting the development of consensus standards for safety in work and rescue.

American National Standards Institute (ANSI)

202-293-8020

www.ansi.org

Voluntary consensus standards pertaining to work and industry, including fall protection, safety equipment, etc. ANSI is the official USA contact for ISO standards.

ASTM International

610-832-9585

www.astm.org

Full consensus, voluntary standards on a variety of topics including search and rescue operations and equipment.

Cordage Institute (CI)

610-971-4854

www.ropecord.com

Cordage standards pertaining to all varieties of rope, including life safety rope.

National Fire Protection Association (NFPA)

617-770-3000

www.nfpa.org

Industry consensus standards pertaining to public and firefighter safety. Pertinent standards include professional qualifications, technical rescue, and life safety rope and equipment.

Occupational Safety and Health Administration (OSHA)

800-321-OSHA (6742)

www.osha.gov

Federal regulatory agency regulating workplace safety through mandatory regulations. Pertinent regulations include fall protection and confined space.

PROFESSIONAL ORGANIZATIONS

Association for Challenge Course Technology (ACCT)

847-325-5860

www.acctinfo.org

ACCT develops, refines and publishes standards for installing, maintaining, and managing challenge courses, provides forums for education and professional development, and advocates for the challenge course industry.

American Society of Safety Engineers (ASSE)

847-699-2929

www.asse.org

America's oldest and largest professional safety organization for professionals managing, supervising, and consulting on safety, health, and environmental issues.

Mountain Rescue Association (MRA)

www.mra.org

Volunteer organization dedicated to saving lives through rescue and safety education.

National Association for Search and Rescue (NASAR)

703-222-6277

www.nasar.org

Membership organization furthering professional, literary, and scientific knowledge and training in rescue fields.

National Park Service (NPS)

202-208-6843

www.nps.gov

Federal organization that oversees national parks and what happens in them.

National Safety Council (NSC)

630-285-1121

www.nsc.org

A membership organization dedicated to protecting life and promoting health.

National Wireless Safety Alliance

703-459-9211

www.nws-a.org

NWSA provides independent assessments of knowledge and skills and verifiable worker certifications.

Society of Professional Rope Access Technicians (SPRAT®)

www.sprat.org

Resource for information, networking, and support for companies and workers who use on-the-job rope access techniques.

Rope

Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

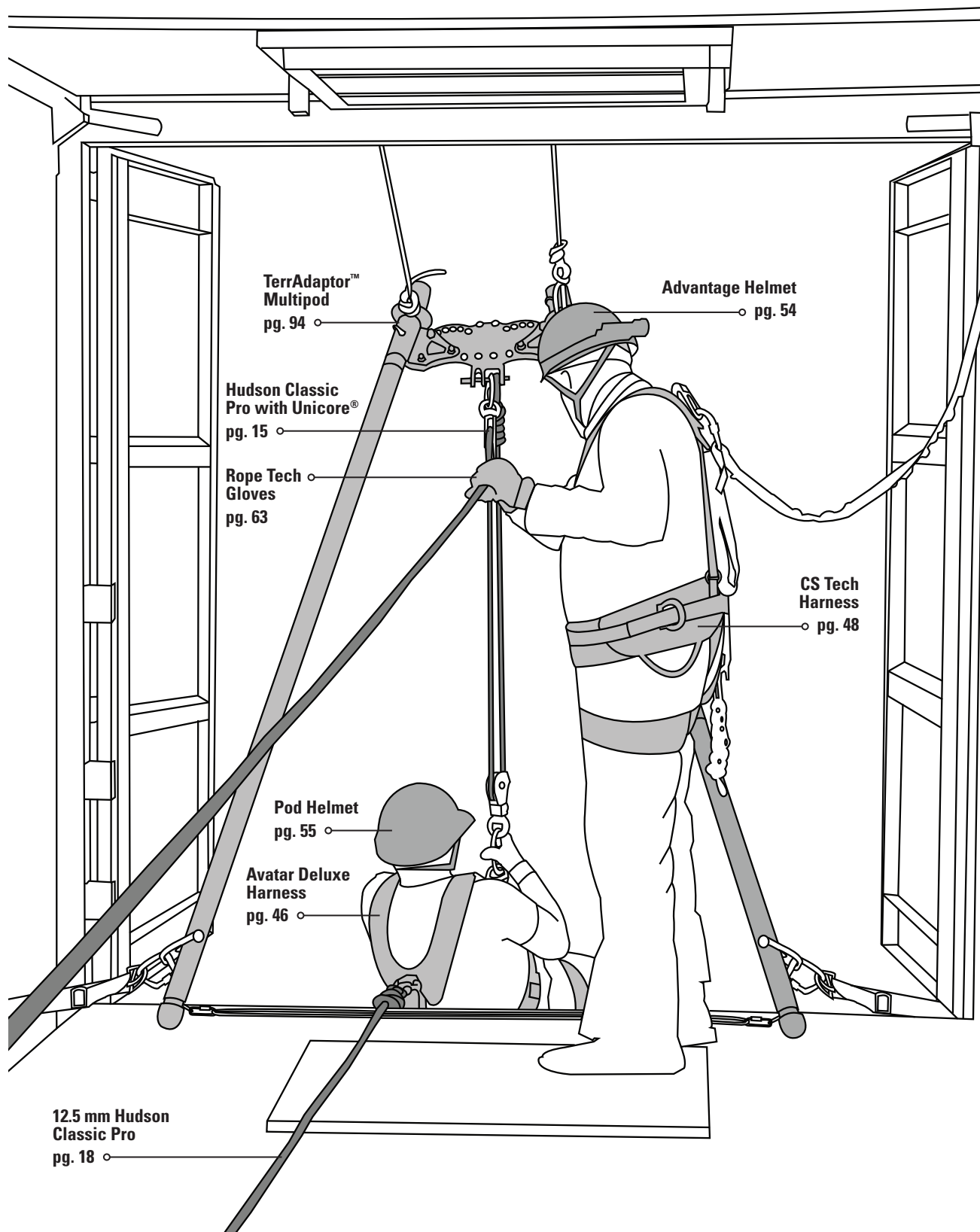
Patient
Care

Logistics and
Support Gear

Training and
Education

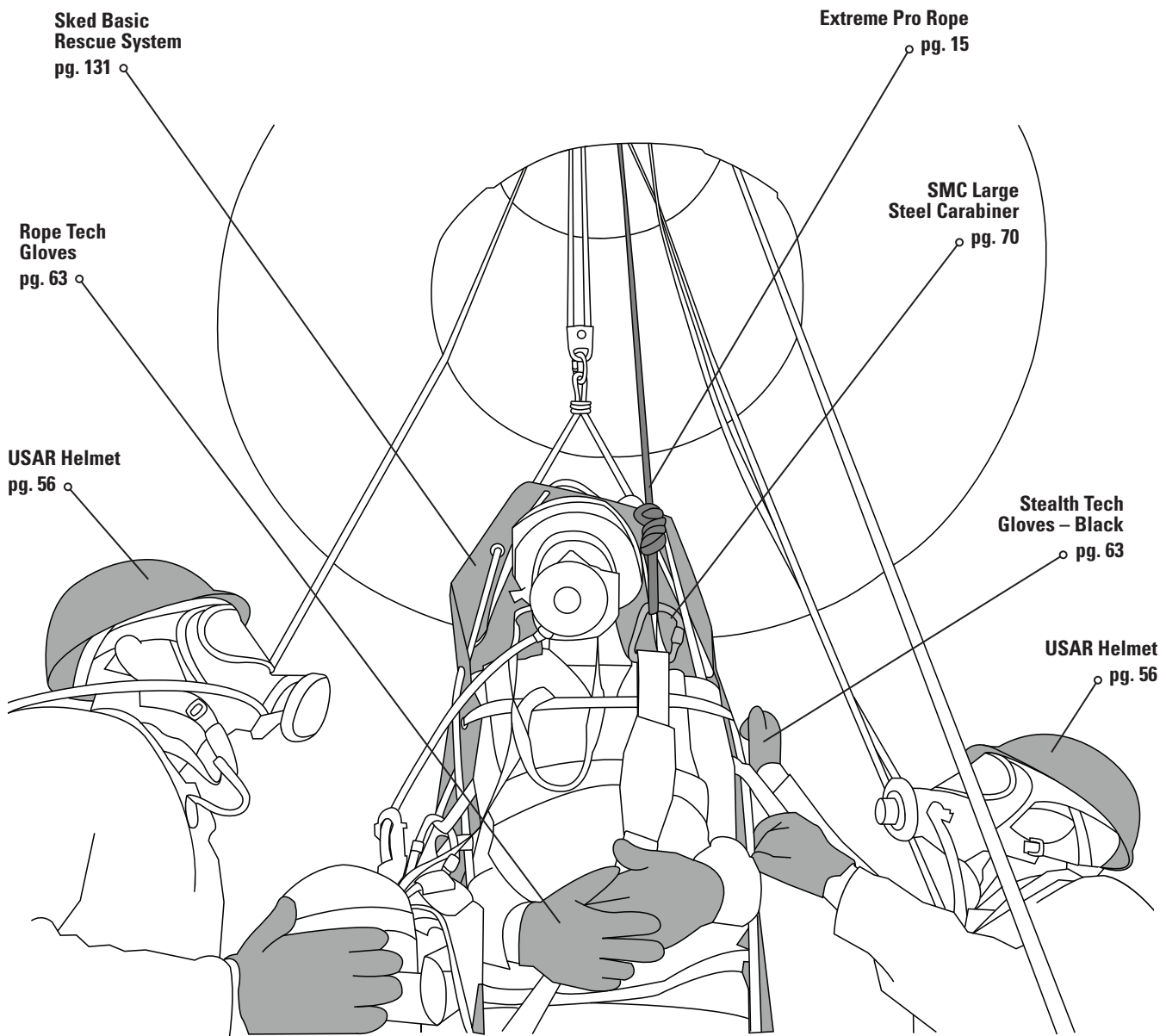
Fire Rescue

*Quickly find PMI products that
are designed for the Fire Rescue professional.*



Confined Space

*Quickly find PMI products that
are designed for use in Confined Space rescues.*



Rope

Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

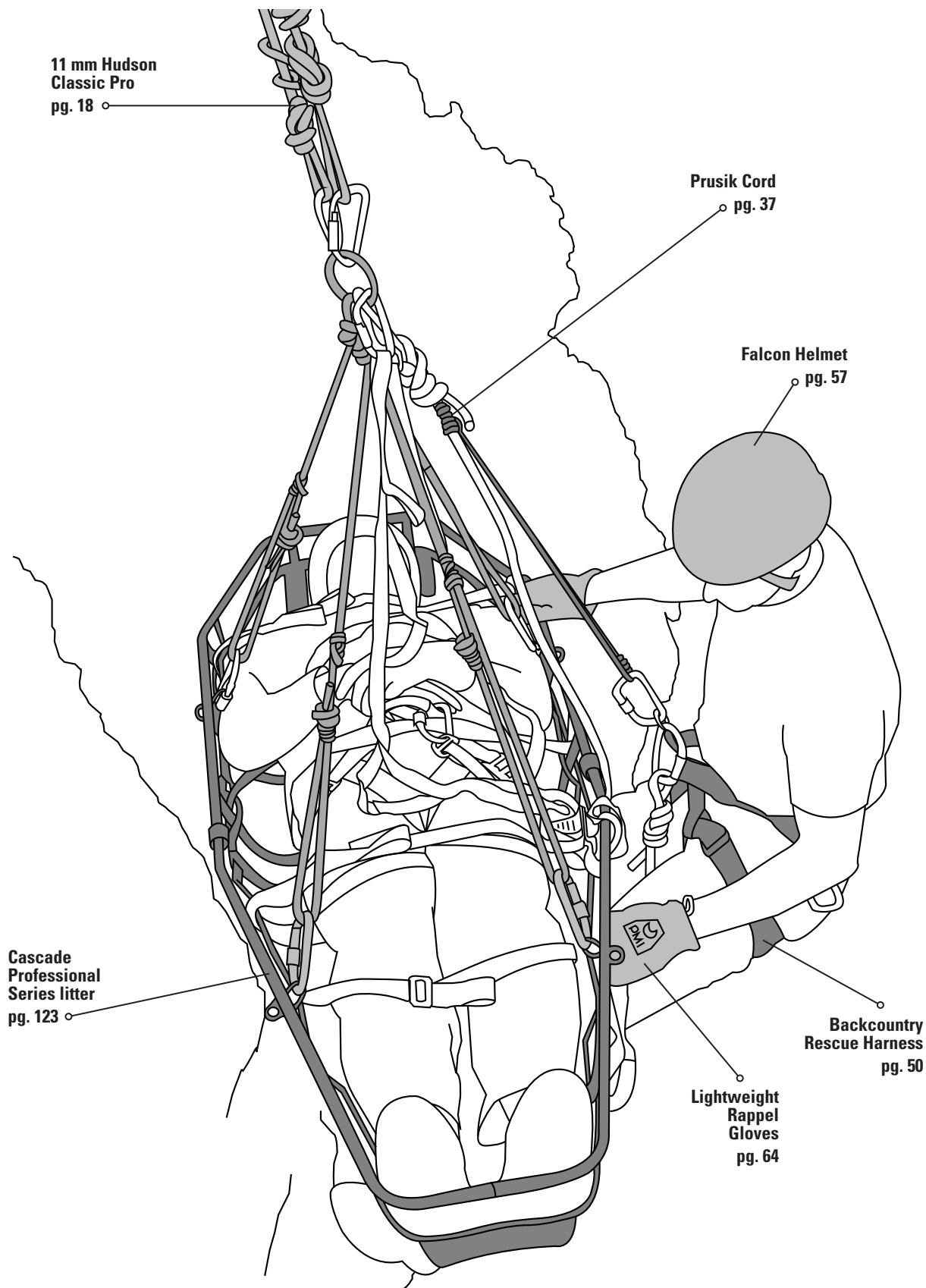
Patient
Care

Logistics and
Support Gear

Training and
Education

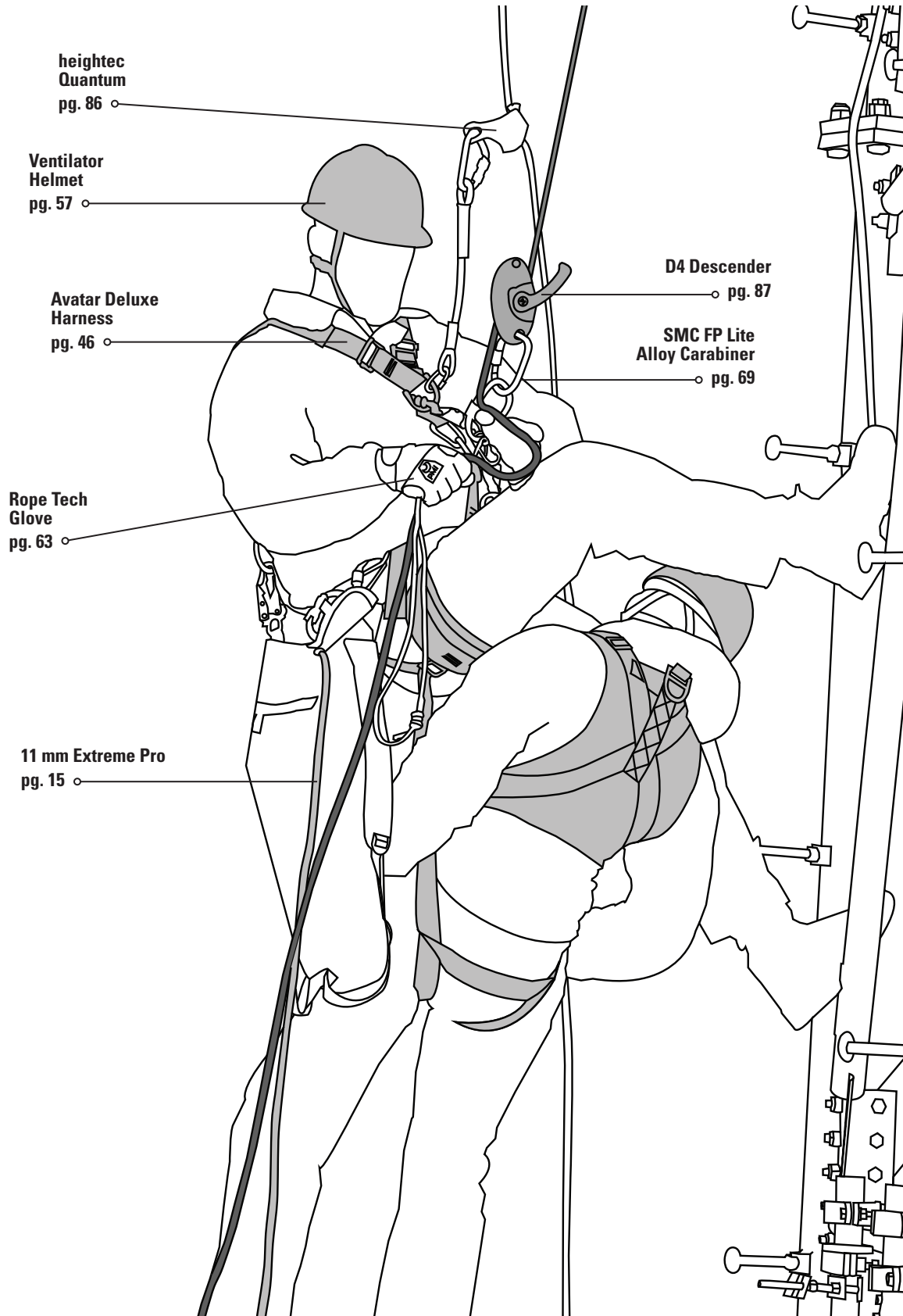
Wilderness Rescue

*Quickly find PMI products that
are designed for the Wilderness Rescue professional.*



Rope Rescue

*Quickly find PMI products that
are designed for the Rope Rescue professional.*



Rope

Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

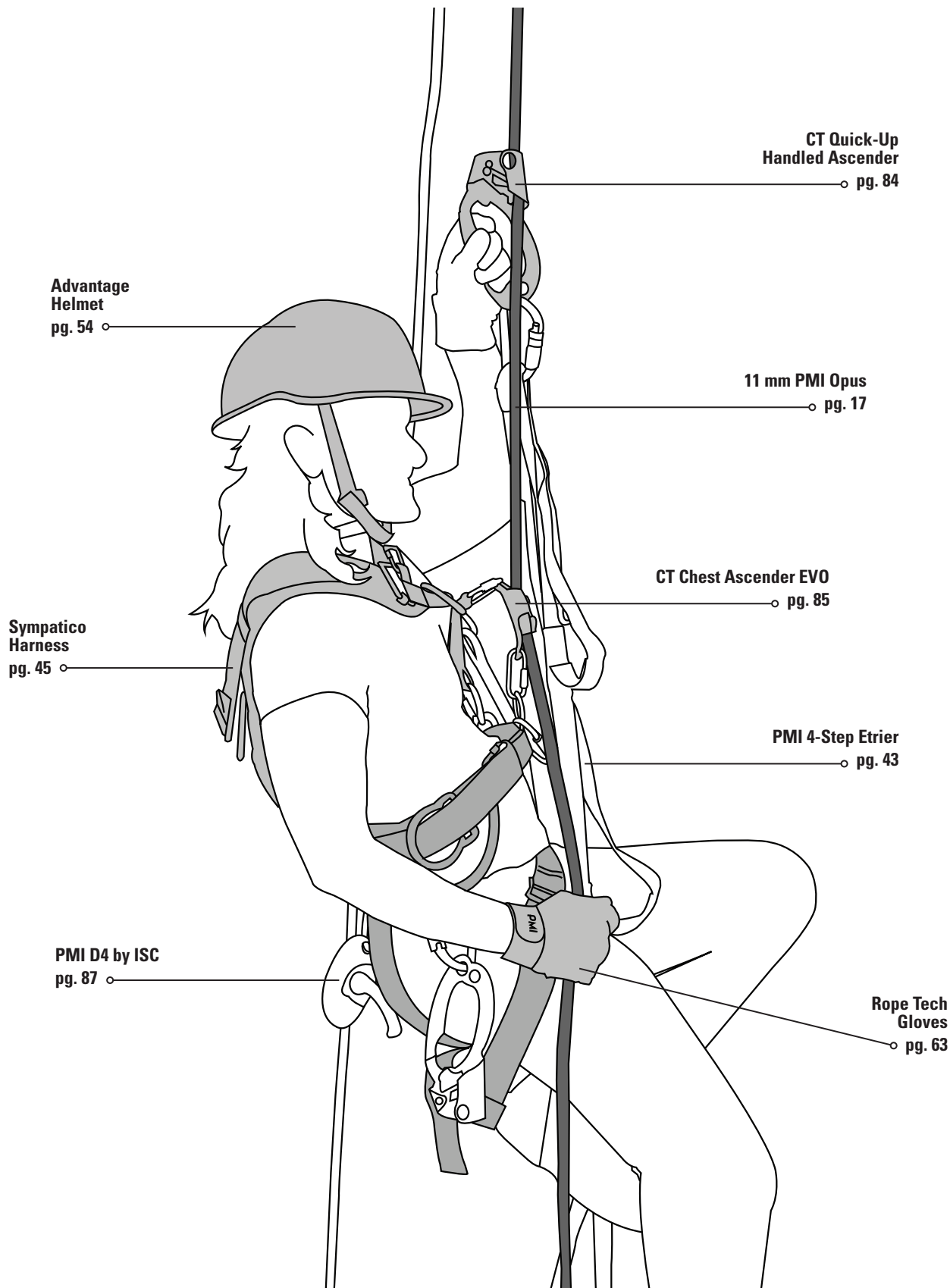
Patient
Care

Logistics and
Support Gear

Training and
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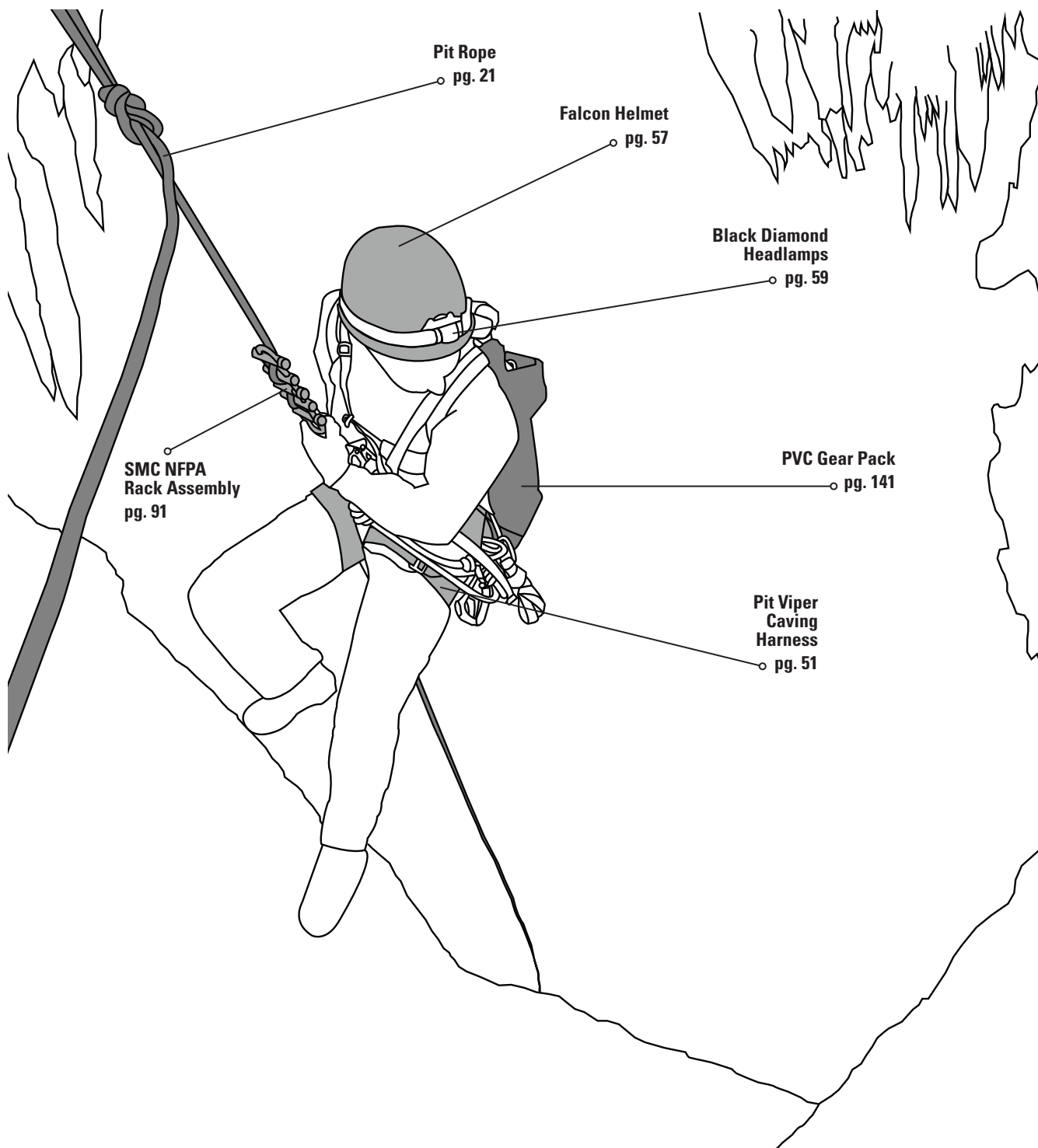
Rope Access

*Quickly find PMI products that
are designed for the Rope Access professional.*



Caving

*Quickly find PMI products
that are designed for Cavers.*



Rope

Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

Patient
Care

Logistics and
Support Gear

Training and
Education

Rope

Creating the High Angle Technician's favorite rope is part science, part art. PMI's 40-plus year reputation for creating the toughest, most abrasion resistant, and most reliable life safety rope comes from a refined blending of technology and passion. Conceived in the field, crafted in our factories, and grounded by research and testing, PMI offers a wide range of ropes, all designed to make your world safer.

Rope at a glance

Unicore® page 14

PMI® Old Glory w/Unicore®
PMI® Hudson Classic Professional w/Unicore®
PMI® Extreme Pro™
8.9 Erratic

Static page 16

PMI® Isostatic
PMI® Opus
PMI® Patriot Vertical Lifeline
PMI® Hudson Classic Professional EZ
PMI® Hudson Classic Sport
PMI® Hudson Classic Professional - Max Wear
PMI® Retro
PMI® PIT Rope

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PMI® Access Pro
Global Pro by PMI®
Cyclops by PMI®

Specialty page 23

PMI® Water Rescue
PMI® Retro Reflective Water Rescue
PMI® Economy Throw
PMI® PER
PMI® HeatShield™

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8.1 Verglas
8.9 Erratic
9.4 Elite
9.9 Synergy
10.2 Spire
10.6 PMI® Gym Pro
10.6 Cirque
11 Latitude

PMI Custom Ropes

As America's premier rope company, PMI will make a rope in the length you want in either feet or meters. PMI Ropes are made right here in the USA, and customizing solutions to fit your needs is one of our specialties. Give us a call! Minimum order applies.

PMI Rope Specifications and Certifications

Find the right rope that meets all of your work and rescue specifications. Want information about how NFPA Certification works? Please see the NFPA paragraph on page 82.

UNICORE®, STATIC, LOW STRECH, SPECIALTY ROPE					
DIAMETER	ROPE NAME	MBS	WEIGHT	SHEATH/CORE	COMPLIANT
7 mm	PMI® Water Rescue	8 kN (1798 lbf)	34 g/m	Nylon/Polypropylene	N/A
7.5 mm	PMI® PER	18.4 kN (4147 lbf)	39 g/m	Nylon/Nylon	NFPA 1983 (2017), E
8 mm	Economy Throw	5 kN (1124 lbf)	31 g/m	Polypropylene	N/A
9 mm	PMI® Hudson Classic Professional	18.3 kN (4114 lbf)	53 g/m	Nylon/Nylon	CI1801, Static EN 1891-A
9 mm	PMI® Hudson Classic Sport	18.3 kN (4114 lbf)	53 g/m	Nylon/Nylon	CI1801, Static
9 mm	PMI® Rapid Search Line II	Not Rated	51 g/m	Nylon/Technora®	N/A
10 mm	PMI® Hudson Classic Professional	30.1 kN (6769 lbf)	66 g/m	Nylon/Nylon	NFPA 1983 (2017), T CI1801, Static EN 1891-A
10 mm	PMI® Hudson Classic Pro-Max Wear	28.8 kN (6473 lbf)	66 g/m	Nylon/Nylon	NFPA 1983 (2017), T CI1801, Static
10 mm	PMI® Hudson Classic Sport	30.1 kN (6769 lbf)	66 g/m	Nylon/Nylon	CI1801, Static
10 mm	PMI® Water Rescue	16 kN (3597 lbf)	62 g/m	Nylon/Polypropylene	N/A
10 mm	PMI® Retro-Reflective Water Rescue	16 kN (3597 lbf)	62 g/m	Nylon/Polypropylene	N/A
10 mm	Economy Throw	10 kN (2248 lbf)	41 g/m	Polypropylene	N/A
10.5 mm	Global Pro by PMI®	27 kN (6069 lbf)	65 g/m	Nylon/Nylon	EN 1891-A CE CI1801, Low Stretch
11 mm	PMI® Opus	39.3 kN (8845 lbf)	85 g/m	Nylon/Nylon	NFPA 1983 (2017), T CI1801, Static ANSI Z359.15, 2014 EN 1891-A
11 mm	PMI® Patriot Vertical Lifeline	32.7 kN (7344 lbf)	80 g/m	Nylon/Nylon	CI1801, Static ANSI Z359.15, 2014 EN 1891-A
11 mm	PMI® Hudson Classic Professional	32.7 kN (7344 lbf)	80 g/m	Nylon/Nylon	NFPA 1983 (2017), T CI1801, Static ANSI Z359.15, 2014 EN 1891-A
11 mm	PMI® PIT	31 kN (6969 lbf)	85 g/m	Nylon/Nylon	CI1801, Static
11 mm	PMI® Hudson Classic Pro-Max Wear	33.2 kN (7456 lbf)	80 g/m	Nylon/Nylon	NFPA 1983 (2017), T CI1801, Static
11 mm	PMI® Hudson Classic Sport	32.7 kN (7344 lbf)	80 g/m	Nylon/Nylon	CI1801, Static
11 mm	Global Pro by PMI®	30 kN (6740 lbf)	73 g/m	Nylon/Nylon	EN 1891-A CE CI1801, Low Stretch
11 mm	PMI® HeatShield™	29.5 kN (6635 lbf)	84.1 g/m	Technora®/Nylon	NFPA 1983 (2017), T CI1801, Low Stretch
11 mm	PMI® Access Pro	31.1 kN (7000 lbf)	84 g/m	Polyester/Nylon	NFPA 1983 (2017), T CI1801, Low Stretch
11 mm	PMI® Extreme Pro™	39.5 kN (8888 lbf)	90 g/m	Polyester/Nylon	NFPA 1983 (2017), T CI1801, Static ANSI Z359.15, 2014
11.5 mm	PMI® Isostatic	32.8 kN (7388 lbf)	96 g/m	Polyester/Polyester	NFPA 1983 (2017), T CI1801, Static
12 mm	Cyclops by PMI®	27.0 kN (6070 lbf)	92 g/m	Polyester/Nylon	EN 1891-A CE
12.5 mm	PMI® Old Glory w/Unicore®	44.5 kN (10009 lbf)	107 g/m	Nylon/Nylon	NFPA 1983 (2017), G CI1801, Static ANSI Z359.15, 2014
12.5 mm	PMI® Hudson Classic Professional w/Unicore®	44.5 kN (10009 lbf)	107 g/m	Nylon/Nylon	NFPA 1983 (2017), G CI1801, Static ANSI Z359.15, 2014
12.5 mm	PMI® Hudson Classic Professional	43.6 kN (9804 lbf)	104 g/m	Nylon/Nylon	NFPA 1983 (2017), G CI1801, Static ANSI Z359.15, 2014 EN 1891-A
12.5 mm	PMI® Hudson Classic Pro-Max Wear	43.7 kN (9833 lbf)	104 g/m	Nylon/Nylon	NFPA 1983 (2017), G CI1801, Static
12.5 mm	PMI® Classic Retro	43.6 kN (9804 lbf)	104 g/m	Nylon/Nylon	NFPA 1983 (2017), G CI1801, Static ANSI Z359.15, 2014
12.5 mm	PMI® HeatShield™	44.2 kN (9444 lbf)	110.9 g/m	Technora®/Nylon	NFPA 1983 (2017), G CI1801, Low Stretch
13 mm	PMI® Isostatic	45.9 kN (10328 lbf)	125 g/m	Polyester/Polyester	NFPA 1983 (2017), G CI1801, Static
16 mm	PMI® Hudson Classic Professional	72.6 kN (16330 lbf)	145 g/m	Nylon/Nylon	NFPA 1983 (2017), G CI1801, Static ANSI Z359.15, 2014

DYNAMIC ROPE						
DIAMETER	ROPE NAME	SHEATH/CORE	WEIGHT	UIAA CLASSIFICATION	FALLS	COMPLIANT
8.1 mm	8.1 mm Verglas	Nylon/Nylon	42.1 g/m	Half, Twin	8/18	UIAA EN 892
8.9 mm	8.9 mm Erratic w/Unicore	Nylon/Nylon	55 g/m	Single, Half, Twin	7/31/45	UIAA EN 892
9.4 mm	9.4 mm Elite	Nylon/Nylon	57.4 g/m	Single	7	UIAA EN 892
9.9 mm	9.9 mm Synergy	Nylon/Nylon	62.6 g/m	Single	7	UIAA EN 892
10.2 mm	10.2 mm Spire	Nylon/Nylon	69 g/m	Single	11	UIAA EN 892
10.6 mm	10.6 mm PMI® Gym Pro	Nylon/Nylon	69 g/m	Single	8	UIAA EN 892
10.6 mm	10.6 mm Cirque	Nylon/Nylon	71 g/m	Single	12	UIAA EN 892
11 mm	11 mm Latitude	Nylon/Nylon	81 g/m	Single	16	UIAA EN 892



Unicore®



PMI Technology For Your Security

With a standard rope, if the sheath is cut by abrasion over an edge it can slide and gather into lumps. This lumpy section of rope can become so thick it is impassable, either by ascent or descent. If the sheath of a standard rope is cut near the end of the rope, the sheath may slide off completely, and the user with it.

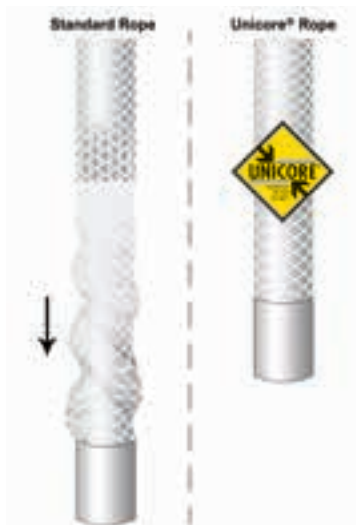
PMI Unicore® secures the sheath in place, allowing the user to escape, either by descent or ascent, even if the sheath is completely severed.

If the sheath is cut or torn, core and sheath remain bonded together.

**PMI's Unicore®
process brings
an undeniable
gain in security during
delicate and
dangerous operations;
its advantages
are many >>**



It allows escape if the sheath has been cut.



It prevents sheath slippage.



It allows temporary cutting of rope length with a knife, without melting the ends, without fraying of the sheath.



It reduces shrinkage in water by more than 50%.

New! PMI® Old Glory with Unicore®



Show your colors, with PMI's Old Glory. Made in USA (of course) and certified to NFPA 1983-2017, this 12.5mm rope is built for rescue.

Key Features:

- Unicore® Technology
- Nylon Core
- Nylon Sheath
- 16 Carrier Sheath
- Robust Performance
- Abrasion Resistant
- Torsionally Balanced

12.5mm (1/2")

Weight: 107 g/m » MBS: 44.5 kN (10009 lbf) » Elongation at 10% MBS: 3.7% » Elongation: 0.7% at 300 lbf | 1.6% at 600 lbf | 3.5% at 1000 lbf | 6.3% at 1800 lbf

COMPLIANT NFPA 1983 (2017), G C11801, STATIC ANSI Z359.15, 2014



- WILDERNESS RESCUE
- FIRE RESCUE
- CONFINED SPACE
- ROPE RESCUE
- UTILITIES SAFETY
- ROPE ACCESS
- ROPES COURSE
- TOWER WORK

Cut-to-order (ft)
200 ft (61 m)
300 ft (92 m)
600 ft (183 m)

Old Glory
RR125US001UC
RR125US061UC
RR125US092UC
RR125US183UC

PMI® Hudson Classic Professional with Unicore®



The most widely recognized General Use rope among fire-rescue professionals, now with the added benefits of Unicore® technology. Already renowned for rugged performance, lower elongation, and high compatibility with the tools of the trade, this PMI Classic with Unicore is even stronger and more durable than before.

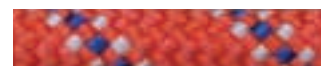
Key Features:

- Unicore® Technology
- Nylon Core
- Nylon Sheath
- 16 Carrier Sheath
- Robust Performance
- Abrasion Resistant
- Torsionally Balanced

12.5mm (1/2")

Weight: 107 g/m » MBS: 44.5 kN (10009 lbf) » Elongation at 10% MBS: 3.7% » Elongation: 0.7% at 300 lbf | 1.6% at 600 lbf | 3.5% at 1000 lbf | 6.3% at 1800 lbf

COMPLIANT NFPA 1983 (2017), G C11801, STATIC ANSI Z359.15, 2014



- WILDERNESS RESCUE
- FIRE RESCUE
- CONFINED SPACE
- ROPE RESCUE
- FALL PROTECTION
- ROPE ACCESS
- UTILITIES SAFETY
- TOWER WORK
- ROPES COURSE

Cut-to-order (ft)
200 ft (61 m)
300 ft (92 m)
600 ft (183 m)

Best Seller!
Blue/White/Orange
RR125BW001UC
RR125BW061UC
RR125BW092UC
RR125BW183UC

Best Seller!
Orange/White/Blue
RR125OW001UC
RR125OW061UC
RR125OW092UC
RR125OW183UC

PMI® Extreme Pro™



Unicore® technology in an advanced polyester kernmantle design offers a fine hand and minimal stretch for the most exacting rope technician.

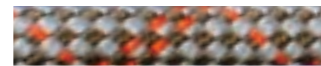
Key Features:

- Unicore® Technology
- Polyester Core/Polyester Sheath
- 32 Carrier Sheath
- High strength:weight ratio
- Does not absorb water
- Eliminates Sheath Slip
- Easy to Handle

11 mm (7/16")

Weight: 90.0 g/m » MBS: 39.5 kN (8888 lbf) » Elongation: 1.3% at 300 lbf | 3.0% at 600 lbf | 5.4% at 1000 lbf | 8.1% at 1800 lbf » Elongation at 10% MBS: 4.7%

COMPLIANT NFPA 1983 (2017), T C11801, STATIC ANSI Z359.15, 2014



- WILDERNESS RESCUE
- FIRE RESCUE
- CONFINED SPACE
- ROPE RESCUE
- FALL PROTECTION
- CAVE RESCUE
- UTILITIES SAFETY
- ROPE ACCESS
- RECREATIONAL CAVING
- TOWER WORK
- ROPES COURSE
- ARBORIST

Cut-to-order (ft)
200 ft (61 m)
300 ft (92 m)
600 ft (183 m)

Best Seller!
Green/White/Orange
PR110E1001UC
PR110E1061UC
PR110E1092UC
PR110E1183UC

Best Seller!
Coyote/White/Orange
PR110E2001UC
PR110E2061UC
PR110E2092UC
PR110E2183UC

8.9 Erratic



Unicore® technology gives this rope a buttery soft hand while retaining PMI's awesome reputation for durability. Sheath and core are bonded using patented technology, practically eliminating sheath slip and offering added assurance in rugged terrain. UltraDry™ treated.

Key Features:

- Unicore® Technology
- Bonded Sheath and Core
- Ultra-Dry™
- Soft Hand
- Durable Sheath
- Use for Rock, Ice, or Mixed Terrain
- Middle-Mark
- Rated as Twin, Half, and Single

8.9 mm (23/64")

Weight: 55.0 g/m » Falls: 7 » Impact Force: 8.2 kN » Static Elongation: 6.5% » Dynamic Elongation: 31.2%

COMPLIANT UIAA 101, EN 892



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

Ultradry
Ultradry

Laser Orange
DR089NA060D
DR089NA070D

- OUTDOOR CLIMBING
- GYM CLIMBING
- GLOBAL

Static Rope

STATIC Rope is defined by the Cordage Institute as rope that has less than 6% elongation at 10% of it's minimum breaking strength (MBS). European (EN) standards do not have a classification specific to Static Rope. Static ropes are useful for highlines, ascending/descending, and maintaining load stability.

PMI® Isostatic



MADE IN THE USA

This all-polyester rope beats the competition hands-down for super low elongation, minimal sheath slip, and staying round under use. This inherently dry polyester rope is great for rigging around water, highlines, in confined spaces, and wherever minimal elongation is a priority.

Key Features:

- Polyester Core
- Resists flattening
- Extremely Low Stretch
- Polyester Sheath
- Compatible with Equipment
- Does not absorb water
- 32 Carrier Sheath
- Minimal Sheath Slip

11.5 mm (7/16")

Weight: 96.0 g/m » MBS: 32.8 kN (7388 lbf) »

Elongation: 1.0% at 300 lbf | 1.6% at 600 lbf | 2.2% at 1000 lbf »

Elongation at 10% MBS: 1.8%

	Orange/Black/Green	Blue/Black/Green
Cut-to-Order (ft)	PR1100G001PP	PR110BG001PP
150 ft (46 m)	PR1100G046PP	PR110BG046PP
300 ft (92 m)	PR1100G092PP	PR110BG092PP

COMPLIANT NFPA 1983 (2017), T C11801, STATIC

13 mm (33/64")

Weight: 125.0 g/m » MBS: 45.9 kN (10328 lbf) »

Elongation: 1.2% at 300 lbf | 1.6% at 600 lbf | 2.1% at 1000 lbf »

Elongation at 10% MBS: 2.2%

	Orange/White/Green	Blue/White/Green
Cut-to-Order (ft)	PR1300G001PP	PR130BG001PP
200 ft (61 m)	PR1300G061PP	PR130BG061PP
656 ft (200 m)	PR1300G200PP	PR130BG200PP

COMPLIANT NFPA 1983 (2017), G C11801, STATIC



FIRE RESCUE
ROPE RESCUE
WILDERNESS RESCUE
CONFINED SPACE
CAVE RESCUE
ROPE ACCESS
TOWER WORK
UTILITIES SAFETY
RECREATIONAL CAVING
ROPES COURSE



POLYETHYLENE (PET) (Polyester) in ropes

Polyester is an excellent fiber choice for applications where super-low elongation performance is desired... highlines, raising operations, and even some rope access jobs, particularly those where certain chemical exposure is likely. Polyester is described by Cordage Institute as being resistant to mineral acids, decomposed by strong sulfuric acids and strong alkalis at high temperature. This fiber is resistant to organic solvents, but soluble in phenols.

NFPA Use Categories

Equipment that is certified to meet NFPA 1983 (2017) will also bear a letter designator: T (Technical), G (General), or E (Escape). Look for the NFPA E rating on PMI Personal Escape Ropes and hardware. E = Escape: Products rated with an E are considered suitable for escape, and should never be used more than once in an actual emergency situation.

Static Rope

New! PMI® Opus MADE IN THE USA

A high-performance workhorse designed for the professional rope access technician. Ideal for use with bollard-type descent devices like the PMI D4, this 100% nylon static rope has a 40 carrier sheath with an excellent hand, as well as great knotability and abrasion resistance.

Key Features:

- Ultra-smooth sheath design
- Optimized for Rope Access
- Works well with a variety of devices
- Excels in abrasive environments
- Nylon Core
- Nylon Sheath
- 40 Carrier Construction



11 mm (7/16")

Weight: 85.0 g/m »

MBS: 39.3 kN (8845 lbf) »

Elongation at 10% MBS: 5.2% »

Elongation: 1.4% at 300 lbf |

3.4% at 600 lbf | 6.0%

at 1000 lbf | 9.1% at 1800 lbf

	Blue	Red	Yellow
Cut-to-Order (ft)	KR110BL001ES	KR110RD001ES	KR110YL001ES
328 ft (100 m)	KR110BL100ES	KR110RD100ES	KR110YL100ES
656 ft (200 m)	KR110BL200ES	KR110RD200ES	KR110YL200ES

COMPLIANT NFPA 1983 (2017), T C11801, STATIC ANSI Z359.15, 2014 EN 1891-A

FIRE RESCUE
ROPE RESCUE
WILDERNESS RESCUE
CONFINED SPACE
ROPE ACCESS
TOWER WORK
ARBORIST
FALL PROTECTION
UTILITIES SAFETY
ROPES COURSE

The Perfect Rope

Crafting the perfect rope is part science and part art. PMI's design team are rescuers, cavers, and rope access technicians themselves, so we are pretty demanding when it comes to creating new products for you. We think you'll love our newest offerings.

New! PMI® Patriot Vertical Lifeline MADE IN THE USA

Featuring PMI's signature 16-carrier sheath, this rope features a bright white base with a fun, brightly colored tracer pattern for high visibility against any surface. A great looking and performing rope at a very competitive price created by the Rope Guru's at PMI.

Key Features:

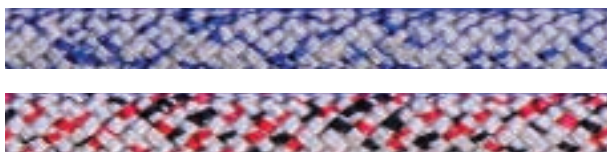
- High visibility white base
- Bold Color Differentiation
- Competitively priced
- Durable 16-Carrier sheath

11 mm (7/16")

Weight: 80.0 g/m » MBS: 32.7 kN (7344 lbf) »

Elongation at 10% MBS: 3.9% » Elongation: 1.6% at 300 lbf |

3.0% at 600 lbf | 5.8% at 1000 lbf | 8.8% at 1800 lbf



	Fleck Blue	Fleck Red/Black
Cut-to-Order (ft)	RR110FB001E	RR110FZ001E
150 ft (46 m)	RR110FB046E	RR110FZ046E
200 ft (61 m)	RR110FB061E	RR110FZ061E
328 ft (100 m)	RR110FB100E	RR110FZ100E
656 ft (200 m)	RR110FB200E	RR110FZ200E

BERRY COMPLIANT COMPLIANT C11801, STATIC ANSI Z359.15, 2014 EN 1891-A

FIRE RESCUE
ROPE RESCUE
WILDERNESS RESCUE
CONFINED SPACE
ROPE ACCESS
TOWER WORK
ARBORIST
FALL PROTECTION
UTILITIES SAFETY
ROPES COURSE

Static Rope

PMI® Hudson Classic Professional MADE IN THE USA

PMI®'s Classic EZ-Bend 16-carrier ropes will always beat 32, 40, and 48-carrier designs made with lesser quality nylons hands down in abrasion and real-world durability tests. This rope is carefully designed to provide the maximum abrasion resistance, "grab" the core to minimize sheath slippage, and provide the desired hand for the intended applications.

Key Features:

- Nylon Core
- 16 Carrier Sheath
- Abrasion Resistant
- Good knotability
- Nylon Sheath
- Robust Performance
- Torsionally Balanced



Colors: Available colors for the PMI® Hudson Classic Professional. Rope colors and tracers vary with rope diameter. EZ-Bend ropes have two tracers. Max Wear ropes have one tracer.

9 mm (23/64")

The high strength:weight ratio of this light weight rope makes it ideal for light rescue, rappel, and rigging applications.

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/Black	Orange/Black	Black
Cut-to-Order (ft)	RR090WB001E	RR090OB001E	RR090BK001E
200 ft (61 m)	RR090WB061E	RR090OB061E	RR090BK061E
300 ft (92 m)	RR090WB092E	RR090OB092E	RR090BK092E
600 ft (183 m)	RR090WB183E	RR090OB183E	RR090BK183E

BERRY COMPLIANT **COMPLIANT** C11801, STATIC EN 1891-A

10 mm (25/64")

Used in tactical operations, caving, and wherever high strength, durability, and strength are a priority.

Weight: 66.0 g/m » MBS: 30.1 kN (6769 lbf) » Elongation: 1.9% at 300 lbf | 4.0% at 600 lbf | 6.4% at 1000 lbf » Elongation at 10% MBS: 4.5%

Best Seller!

	White/Orange	Orange/White	Red/White	Blue/White	Black	OD Green
Cut-to-Order (ft)	RR100WO001E	RR100OW001E	RR100RW001E	RR100BW001E	RR100BK001E	RR100OD001E
200 ft (61 m)	RR100WO061E	RR100OW061E	RR100RW061E	RR100BW061E	RR100BK061E	RR100OD061E
300 ft (92 m)	RR100WO092E	RR100OW092E	RR100RW092E	RR100BW092E	RR100BK092E	RR100OD092E
600 ft (183 m)	RR100WO183E	RR100OW183E	RR100RW183E	RR100BW183E	RR100BK183E	RR100OD183E
656 ft (200 m)	RR100WO200E	RR100OW200E	RR100RW200E	RR100BW200E	RR100BK200E	RR100OD200E

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), T C11801, STATIC EN 1891-A

Advantages of 16-Carrier Sheath Design

PMI Classic ropes are characterized, at least in part, by their "16-carrier" sheath design. The term "16-carrier" refers to the number of yarn bundles used to create the braid that makes up the sheath of the rope.

While PMI also offers several other braid designs like 32 and 48-carrier, one advantage of PMI's classic 16-carrier sheath design is the dramatic increase it lends to the life and durability of the rope. For any given diameter rope, sheath yarns have to be thinner for more carriers and thicker for fewer carriers. Using 16 braid bundles for the sheath of PMI® Classic allows us to use a thicker, more durable sheath yarn, resulting in a tougher, more durable rope. Sheath braid design is a fine balance between yarn denier, tension, number of carriers, and the amount of yarn used.

PMI® Hudson Classic Professional (continued)

11 mm (7/16")

Durability meets strength in this highly versatile Classic rope. Excels in harsh environments, and is a staple for technical rescue and rope access in the most extreme workplaces.

Weight: 80.0 g/m » MBS: 32.7 kN (7344 lbf) » Elongation: 1.6% at 300 lbf | 3.0% at 600 lbf | 5.8% at 1000 lbf | 8.8% at 1800 lbf » Elongation at 10% MBS: 3.9%

	Best Seller! White/Black	Yellow/Black	Best Seller! Orange/Black	Best Seller! Red/Black	Best Seller! Blue/Black
Cut-to-Order (ft)	RR110WB001E	RR110YB001E	RR110OB001E	RR110RB001E	RR110BB001E
200 ft (61 m)	RR110WB061E	RR110YB061E	RR110OB061E	RR110RB061E	RR110BB061E
300 ft (92 m)	RR110WB092E	RR110YB092E	RR110OB092E	RR110RB092E	RR110BB092E
600 ft (183 m)	RR110WB183E	RR110YB183E	RR110OB183E	RR110RB183E	RR110BB183E
656 ft (200 m)	RR110WB200E	RR110YB200E	RR110OB200E	RR110RB200E	RR110BB200E

	Black	Blue	Red
Cut-to-Order (ft)	RR110BK001E	RR110BL001E	RR110RD001E
200 ft (61 m)	RR110BK061E	RR110BL061E	RR110RD061E
300 ft (92 m)	RR110BK092E	RR110BL092E	RR110RD092E
600 ft (183 m)	RR110BK183E	RR110BL183E	RR110RD183E
656 ft (200 m)	RR110BK200E	RR110BL200E	RR110RD200E

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), T C11801, STATIC ANSI Z359.15, 2014 EN 1891-A

12.5 mm (1/2")

The static rope that set the standard for General Use fire rescue operations. Still preferred by rigging professionals for its lower elongation, toughness, and high compatibility with the tools of the trade.

Weight: 104.0 g/m » MBS: 43.6 kN (9804 lbf) » Elongation: 0.8% at 300 lbf | 2.0% at 600 lbf | 3.9% at 1000 lbf | 6.9% at 1800 lbf » Elongation at 10% MBS: 3.9%

	Best Seller! White/Orange	Yellow/White	Best Seller! Orange/White	Best Seller! Red/White	Best Seller! Blue/White
Cut-to-Order (ft)	RR125W0001E	RR125YW001E	RR125OW001E	RR125RW001E	RR125BW001E
200 ft (61 m)	RR125W0061E	RR125YW061E	RR125OW061E	RR125RW061E	RR125BW061E
300 ft (92 m)	RR125W0092E	RR125YW092E	RR125OW092E	RR125RW092E	RR125BW092E
600 ft (183 m)	RR125W0183E	RR125YW183E	RR125OW183E	RR125RW183E	RR125BW183E
656 ft (200 m)	RR125W0200E	RR125YW200E	RR125OW200E	RR125RW200E	RR125BW200E

	Black	Blue	Red	OD Green
Cut-to-Order (ft)	RR125BK001E	RR125BL001E	RR125RD001E	RR125OD001E
200 ft (61 m)	RR125BK061E	RR125BL061E	RR125RD061E	RR125OD061E
300 ft (92 m)	RR125BK092E	RR125BL092E	RR125RD092E	RR125OD092E
600 ft (183 m)	RR125BK183E	RR125BL183E	RR125RD183E	RR125OD183E
656 ft (200 m)	RR125BK200E	RR125BL200E	RR125RD200E	RR125OD200E

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), G C11801, STATIC ANSI Z359.15, 2014 EN 1891-A

16 mm (5/8")

Extremely low stretch and super strong, this work horse can't be beat for big lifts and long life. A favorite for tower work and in construction.

Weight: 145.0 g/m » MBS: 72.6 kN (16330 lbf) » Elongation: 0.9% at 300 lbf | 1.8% at 600 lbf | 2.4% at 1000 lbf | 2.8% at 1800 lbf » Elongation at 10% MBS: 4.2%

	Best Seller! White/Orange	Best Seller! Blue/White	Yellow/White
Cut-to-Order (ft)	RR160W0001E	RR160BW001E	RR160YW001E
600 ft (183 m)	RR160W0183E	RR160BW183E	RR160YW183E
656 ft (200 m)	RR160W0200E	RR160BW200E	RR160YW200E

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), G C11801, STATIC ANSI Z359.15, 2014

For even greater abrasion resistance, ask about Hudson Classic Professional-Max Wear rope.

Static Rope



PMI® Hudson Classic Sport

This static rope has been at the heart of mountaineering and caving worldwide for over 30 years. With a fine balance between extraordinary abrasion-resistance and good knotability, extreme durability and substance you can rely on are what this rope is known for.

Key Features:

- Nylon Core
- Nylon Sheath
- 16 Carrier Sheath
- Robust Performance
- Abrasion Resistant
- Torsionally Balanced



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
Cut-to-Order (ft)	SR090WZ001E
200 ft (61 m)	SR090WZ061E
300 ft (92 m)	SR090WZ092E
600 ft (183 m)	SR090WZ183E
656 ft (200 m)	SR090WZ200E

COMPLIANT C11801, STATIC

10 mm (25/64")

Weight: 66.0 g/m » MBS: 30.1 kN (6769 lbf) »
Elongation: 1.9% at 300 lbf | 4.0% at 600 lbf | 6.4% at 1000 lbf »
Elongation at 10% MBS: 4.5%

	White/Red/Black
Cut-to-Order (ft)	SR100WZ001E
200 ft (61 m)	SR100WZ061E
300 ft (92 m)	SR100WZ092E
600 ft (183 m)	SR100WZ183E
656 ft (200 m)	SR100WZ200E

COMPLIANT C11801, STATIC

11 mm (7/16")

Weight: 80.0 g/m » MBS: 32.7 kN (7344 lbf) »
Elongation: 1.6% at 300 lbf | 3.0% at 600 lbf | 5.8% at 1000 lbf »
Elongation at 10% MBS: 3.9%

	White/Red/Black
Cut-to-Order (ft)	SR110WZ001E
200 ft (61 m)	SR110WZ061E
300 ft (92 m)	SR110WZ092E
600 ft (183 m)	SR110WZ183E
656 ft (200 m)	SR110WZ200E

COMPLIANT C11801, STATIC

FIRE RESCUE

ROPE RESCUE

CAVE RESCUE

ROPE ACCESS

TOWER WORK

ARBORIST

ROPES COURSE

UTILITIES SAFETY

RECREATIONAL CAVING

WILDERNESS RESCUE

CONFINED SPACE

FALL PROTECTION

For even greater abrasion resistance, ask about PMI® MaxWear. Characterized by greater sheath tension, the knotability of PMI® Classic MaxWear is not anything to write home about, but for durability it simply cannot be beat.

Special Order!

PMI® Hudson Classic Professional - Max Wear



Originally designed for avid cavers in harsh karst environments, this tougher-than-nails rope has been known to wear grooves in limestone with repeated use. Characterized by greater sheath tension, the knotability of PMI® Classic MaxWear is not anything to write home about, but for durability it simply cannot be beat. Those who work in rugged terrain appreciate the superior abrasion resistance of this sturdy line.

Key Features:

- Nylon Core
- Nylon Sheath
- 16 Carrier Sheath
- Extreme MaxWear Durability
- Abrasion Resistant
- Torsionally Balanced

10 mm (25/64")

Weight: 66.0 g/m » MBS: 28.8 kN (6473 lbf) » Elongation: 2.2% at 300 lbf | 4.4% at 600 lbf | 7.1% at 1000 lbf » Elongation at 10% MBS: 4.8%

	White/Orange
Cut-to-Order (ft)	RR100W0001M
200 ft (61 m)	RR100W0061M
656 ft (200 m)	RR100W0200M

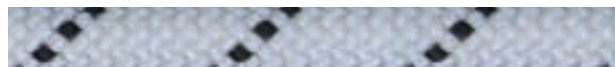


COMPLIANT NFPA 1983 (2017), T C11801, STATIC

11 mm (7/16")

Weight: 80.0 g/m » MBS: 33.2 kN (7456 lbf) » Elongation: 1.8% at 300 lbf | 3.6% at 600 lbf | 5.9% at 1000 lbf » Elongation at 10% MBS: 4.5%

	White/Black
Cut-to-Order (ft)	RR110WB001M
656 ft (200 m)	RR110WB200M



COMPLIANT NFPA 1983 (2017), T C11801, STATIC

12.5 mm (1/2")

Weight: 104.0 g/m » MBS: 43.7 kN (9833 lbf) » Elongation: 1.2% at 300 lbf | 2.0% at 600 lbf | 3.8% at 1000 lbf » Elongation at 10% MBS: 3.9%

	White/Orange
Cut-to-Order (ft)	RR125W0001M
656 ft (200 m)	RR125W0200M



COMPLIANT NFPA 1983 (2017), G C11801, STATIC

ROPES COURSE

FIRE RESCUE

UTILITIES SAFETY

ROPE RESCUE

RECREATIONAL CAVING

CAVE RESCUE

WILDERNESS RESCUE

ROPE ACCESS

CONFINED SPACE

TOWER WORK

ARBORIST

Static Rope

Special Order!

PMI® Classic Retro **MADE IN THE USA**

The longest lasting, highest visibility rope you can buy. The continuous stranded polypropylene core provides flotation to the durable braided nylon sheath. with added reflection capability for nighttime use.

Key Features:

- Nylon Core
- 16 Carrier Sheath
- Higher Breaking Strength
- Retro-reflective strand throughout
- Nylon Sheath
- Super Durable
- Easy to Grip

12.5 mm (1/2")

Weight: 104.0 g/m » MBS: 43.6 kN (9804 lbf) » Elongation: 0.8% at 300 lbf | 2.0% at 600 lbf | 3.9% at 1000 lbf | 6.9% at 1800 lbf » Elongation at 10% MBS: 3.9%

COMPLIANT NFPA 1983 (2017), G CI1801, STATIC ANSI Z359.15, 2014



Yellow/Brown Retro

Cut-to-Order (ft)	
200 ft (61 m)	RR125YG001EV
300 ft (92 m)	RR125YG061EV
600 ft (183 m)	RR125YG092EV
656 ft (200 m)	RR125YG183EV
	RR125YG200EV

FIRE RESCUE

ROPE RESCUE

WILDERNESS RESCUE

CONFINED SPACE

CAVE RESCUE

ROPE ACCESS

FALL PROTECTION

UTILITIES SAFETY

RECREATIONAL CAVING

ROPES COURSE

PMI® Pit Rope **MADE IN THE USA**

Considered the Gold Standard for caving and cave rescue, the all-nylon pit rope competes with high priced Technora ropes for durability and static performance. This iconic rope stands the test of time, and will easily survive trip after trip being dragged through miles of cave passages and/or being rigged in raging waterfalls.

Key Features:

- Nylon Core
- 16 Carrier Sheath
- Torsionally Balanced
- Nylon Sheath
- Extreme Sheath Durability
- Stiff Hand

11 mm (7/16")

Weight: 85 g/m » MBS: 31 kN (6969 lbf) » Elongation: 1.8% @ 300 lbf | 3.6% @ 600 lbf | 7% @ 1000 lbf » Elongation at 10% MBS: 4.6%

COMPLIANT CI1801, STATIC



White

Cut-to-Order (ft)	
300 ft (92 m)	SR110WH001M
600 ft (183 m)	SR110WH092M
656 ft (200 m)	SR110WH183M
	SR110WH200M
1200 ft (366 m)	SR110WH366M

CONFINED SPACE

CAVE RESCUE

RECREATIONAL CAVING

ROPES COURSE



Photo Chris Higgins

Rope

Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

Patient
Care

Logistics and
Support Gear

Training and
Education

Rope

Static Rope

Low Stretch Rope

Special Order!

PMI® Access Pro **MADE IN THE USA**

An optimum balance between hand, durability, and strength, the Access Pro low stretch rope is designed with a cabled core to offer better impact absorption.

Key Features:

- 32c Sheath Construction
- Flexible Hand
- Cabled Core
- Absorbs Impacts
- Easy to Handle



11 mm (7/16")

Weight: 84.0 g/m » MBS: 31.1 kN (7000 lbf) »

Elongation at 10% MBS: 7.1% »

Elongation: 3.0% at 300 lbf | 6.2% at 600 lbf | 9.4% at 1000 lbf

Red/Black

Cut-to-Order (ft)	IR110RB001P
100 ft (30 m)	IR110RB030P
150 ft (45 m)	IR110RB046P
200 ft (61 m)	IR110RB061P
300 ft (92 m)	IR110RB092P
600 ft (183 m)	IR110RB183P

COMPLIANT NFPA 1983 (2017), T C11801, LOW STRETCH

FIRE RESCUE

ROPE RESCUE

WILDERNESS RESCUE

CONFINED SPACE

ROPE ACCESS

TOWER WORK

ARBORIST

FALL PROTECTION

UTILITIES SAFETY

Low Stretch Rope

Low Stretch rope is classified by Cordage Institute as Life Safety Rope with 6-10% elongation at 10% of its minimum breaking strength. Low stretch rope is forgiving, offers limited impact resistance, and generally tends to have a softer hand than static rope.



Photo Trask Bradbury

Global Pro by PMI®

An easy-to-use rope for rigging and tying. This 32 carrier rope is designed in the style of European low stretch ropes, with a more supple hand, softer feel, and a bit higher elongation.

Key Features:

- Classified Low Stretch
- Great for Rope Access
- Technical Rope Rescue
- Supple Hand
- Euro-Style Low Stretch



10.5 mm (13/32")

Weight: 65 g/m » MBS: 27 kN (6069 lbf) » Elongation (EN 1891): 3.0%

Green

White

Cut-to-Order (ft)	MR105GR001	MR105WH001
656 ft (200 m)	MR105GR200	MR105WH200

COMPLIANT EN 1891-A CE C11801, LOW STRETCH



11 mm (7/16")

Weight: 73 g/m » MBS: 30 kN (6740 lbf) » Elongation (EN 1891): 2.8%

Green

White

Cut-to-Order (ft)	MR110GR001	MR110WH001
656 ft (200 m)	MR110GR200	MR110WH200

COMPLIANT EN 1891-A CE C11801, LOW STRETCH

ROPE ACCESS

TOWER WORK

ARBORIST

ROPES COURSE

 **GLOBAL**

New! Cyclops by PMI®

This super-supple long-wearing polyester/nylon rope takes its low elongation and durability characteristics from a unique manufacturing technique and specially sourced, quality controlled materials. Arborists will find this rope thick enough to grip comfortably, but thin enough to be pliable and easy-to-handle. Available with one or two sewn terminations.

Key Features:

- Polyester Sheath
- Nylon Core
- Spliceable
- Pliable Hand
- Durable



12 mm (15/32")

Weight: 92 g/m » MBS: 27 kN (6069 lbf) » Elongation (EN 1891): 4.0%

Yellow/Black

120 ft (36.6 m)	AR120YB120FSEWN
150 ft (46 m)	AR120YB150FSEWN

COMPLIANT EN 1891-A CE

ARBORIST

ROPE ACCESS

ROPES COURSE

Specialty Rope



MADE IN THE USA

PMI® Water Rescue Rope

Designed at the request of our customers, this rope is intended for use as a bagged throw rope for boat or shore based water rescue. Continuous stranded polypropylene core provides flotation to the wear – resistant braided nylon sheath.

Key Features:

- Relatively High strength
- Brightly Colored
- Soft Hand
- Easy to grip
- Floats

7 mm (9/32")

Weight: 34.0 g/m » MBS: 8 kN (1798 lbf)

Yellow/Blue

Cut-to-Order (ft) **WR070YX001E**

10 mm (25/64")

Weight: 62.0 g/m » MBS: 16 kN (3597 lbf)

Yellow/Blue

Cut-to-Order (ft) **WR100YX001E**

75 ft (23 m) **WR100YX023E**

100 ft (30 m) **WR100YX030E**

150 ft (46 m) **WR100YX046E**

200 ft (92 m) **WR100YX061E**

300 ft (92 m) **WR100YX092E**

600 ft (183 m) **WR100YX183E**

656 ft (200 m) **WR100YX200E**

FIRE RESCUE

ROPE RESCUE

WILDERNESS RESCUE

WATER RESCUE

Special Order!

PMI® Retro-Reflective Water Rescue Rope

MADE IN THE USA

The longest lasting, highest visibility rope you can buy. The continuous stranded polypropylene core provides flotation to the durable braided nylon sheath. with added reflection capability for nighttime use.

Key Features:

- Polypropylene Core
- 16 Carrier Sheath
- Higher Breeaking Strength
- Retro-reflective strand throughout
- Nylon Sheath
- Flexible Hand
- Easy to Grip

10 mm (25/64")

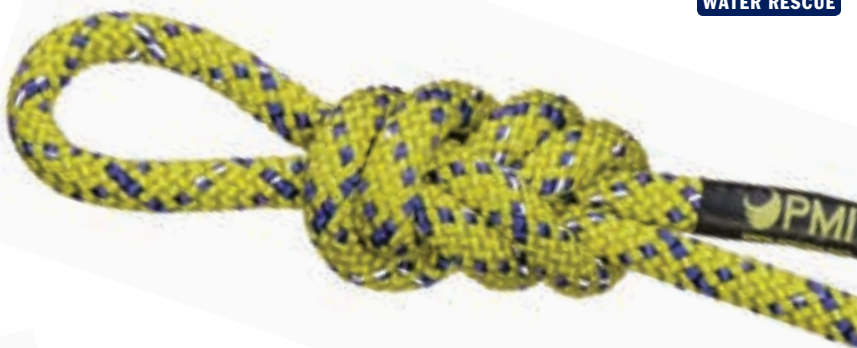
Weight: 62.0 g/m » MBS: 16 kN (3597 lbf)

Yellow/Blue/Retro

Cut-to-Order (ft) **WR100YX001EV**

600 ft (183 m) **WR100YX183EV**

656 ft (200 m) **WR100YX200EV**



FIRE RESCUE

ROPE RESCUE

WILDERNESS RESCUE

WATER RESCUE

Economy Throw Rope

An economical, lightweight, solid-braid floating throwline for water rescue. Polypropylene rope has a specific gravity less than 1, so it floats... making it ideal for shore based operations.

Key Features:

- Water Rescue Throwline
- Economical
- Designed for Professional Use
- Floats

8 mm (5/16")

Weight: 31.0 g/m » MBS: 5 kN (1124 lbf)

Yellow
PR63002

Cut-to-Order (ft)

10 mm (25/64")

Weight: 41.0 g/m » MBS: 10 kN (2248 lbf)

Yellow
PR63001

Cut-to-Order (ft)

FIRE RESCUE

ROPE RESCUE

WILDERNESS RESCUE

WATER RESCUE



Check out pages 60-61 of this catalog for water rescue gear and bagged throw ropes.

Specialty Rope

Nylon

Selecting a rope for emergency escape is a matter of balancing risk versus benefit. While aramid and para-aramid ropes offer higher initial strength and heat resistance than nylon, they are also susceptible to self-destruction when flexed repeatedly, and they are EXTREMELY unforgiving when subjected to impact force (such as when diving out a window...) PMI's all-nylon PER is designed for optimum force absorption, ability to withstand repeated bending, and repeated use in training.

Breaking Tenacity

7.5-10.5 gpd
18-29 gpd

Melt/Decompose Temperature

218-258 C
500 C

Elongation at Break

15-28%
1.5-4.4%

PMI® PER



MADE IN THE USA

FIRE RESCUE

ROPE RESCUE

WILDERNESS RESCUE

CONFINED SPACE

Firefighters and rescuers who need to "bail out" of deadly situations rely on PER. Compact and lightweight, this line is more than strong enough for the job. It also features an energy-absorbing core to reduce the inevitable shock load during initial loading.

Key Features:

- Nylon Sheath
- Nylon Core
- Cabled Core Construction
- 32 Carrier Sheath
- Supple Hand



7.5 mm (19/64")

Weight: 39.0 g/m » MBS: 18.4 kN (4147 lbf)

elongation: 6.8% at 300 lbf | 12.2% at 600 lbf | 16.0% at 1000 lbf

Yellow

Cut-to-Order (ft) RR075YL001

200 ft (61 m) RR075YL061

300 ft (92 m) RR075YL092

COMPLIANT NFPA 1983 (2017), E

Special Order!



MADE IN THE USA

FIRE RESCUE

New! PMI® Rapid Search Line II

Designed by firefighters for firefighters, this supple search line packs away small but is highly grippable even with a gloved hand. Highly visible this search line provides maximum visibility in the fire ground environment. Not intended for rappelling.

Note: Both nylon and aramid fibers will burn if exposed to flame, but nylon will melt at much lower temperatures.

Key Features:

- Core is one large Technora® cable + nylon filler cables
- High visibility
- High tenacity nylon sheath



9 mm (23/64")

Weight: 51.0 g/m » MBS: Not Rated

Gold/Red

Cut-to-Order (ft) SR090SL001E

36 ft (11 m) SR090SL011E

49 ft (15 m) SR090SL015E

100 ft (30 m) SR090SL030E

200 ft (61 m) SR090SL061E



Specialty Rope

Special Order!

PMI® HeatShield™



MADE IN THE USA

Unsurpassed abrasion resistance for the harshest urban and industrial rescue environments. Technora sheath provides abrasion and heat resistance, and a nylon core for control and stability.

Key Features:

- Technora Sheath (930°F Decomposition Temp)
- 32 Carrier Sheath
- Chemical Resistant
- Nylon Core (428°F Melting Temp)
- Abrasion Resistant
- Dimensionally stable

11 mm (7/16")

Weight: 84.1 g/m » MBS: 29.5 kN (6635 lbf) »
Elongation: 2.4% at 300 lbf | 5.1% at 600 lbf | 8.2% at 1000 lbf »
Elongation at 10% MBS: 8.6%

	Natural Gold
Cut-to-Order (ft)	HS110TG001A
150 ft (46 m)	HS110TG046A
300 ft (92 m)	HS110TG092A
600 ft (183 m)	HS110TG183A

COMPLIANT NFPA 1983 (2017), T C11801, LOW STRETCH

12.5 mm (1/2")

Weight: 110.9 g/m » MBS: 44.2 kN (9444 lbf) »
Elongation: 2.5% at 300 lbf | 5.0% at 600 lbf | 7.6% at 1000 lbf »
Elongation at 10% MBS: 8.8%

	Natural Gold
Cut-to-Order (ft)	HS125TG001A
150 ft (46 m)	HS125TG046A
300 ft (92 m)	HS125TG092A
600 ft (183 m)	HS125TG183A

COMPLIANT NFPA 1983 (2017), G C11801, LOW STRETCH

Technora

Technora® classified as a Para-Aramid fiber, offers excellent heat resistance as compared with other rope fibers: roughly twice that of nylon or polyester! Decomposition temperature of Technora® is (932° F or 500° C), while the high temperature working limit is about 350° F (176.7° C).

Dynamic Rope



8.1 Verglas **MADE IN THE USA**

A dual certified (Half and Twin) UltraDry™ treated rope for the hardest, most meandering routes in mixed terrain. A perfectly balanced, easy to handle rope with PMI's renowned durable sheath design and soft catch.

Key Features:

- Dual-Certified (Half/Twin)
- Torsionally Balanced
- Middle Mark
- Good for Ice Climbing
- Low Impact Force
- UltraDry™
- Good for Mixed Routes

8.1 mm (5/16")

Weight: **42.1 g/m** » Falls: **8 - Half / 18 - Twin** »
Impact Force: **5.2 kN** » Static Elongation: **8.9%** »
Dynamic Elongation: **35%**

COMPLIANT UIAA 101, EN 892

60 m (197 ft) **Ultradry**
70 m (230 ft) **Ultradry**

Caribbean
DR081LH060D
DR081LH070D

Coral
DR081LI060D
DR081LI070D

OUTDOOR CLIMBING



8.9 Erratic **MADE IN THE USA**

Unicore® technology gives this rope a buttery soft hand while retaining PMI's awesome reputation for durability. Sheath and core are bonded using patented technology, practically eliminating sheath slip and offering added assurance in rugged terrain. UltraDry™ treated.

Key Features:

- Unicore® Technology
- Ultra-Dry™
- Durable Sheath
- Middle-Mark
- Bonded Sheath and Core
- Soft Hand
- Use for Rock, Ice, or Mixed Terrain
- Rated as Twin, Half, and Single

8.9 mm (23/64")

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

COMPLIANT UIAA 101, EN 892

60 m (197 ft) **Ultradry**
70 m (230 ft) **Ultradry**

Laser Orange
DR089NA060D
DR089NA070D

OUTDOOR CLIMBING

GYM CLIMBING



9.4 Elite **MADE IN THE USA**

Weighing as much as 1/3 less than other similar diameter ropes, this rope is designed to reduce weight and maximize agility without sacrificing fall rating or impact force.

Key Features:

- Good for Experienced Climbers
- Low Impact Force
- Use for Sport or Traditional Routes
- Low Weight
- Middle Mark

9.4 mm (3/8")

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

COMPLIANT UIAA 101, EN 892

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

Desert Dawn
DR094KM060S
DR094KM070S

OUTDOOR CLIMBING

GYM CLIMBING



9.9 Synergy **MADE IN THE USA**

A solid choice for moderate to experienced climbers who want a thinner rope without getting too thin. This substantial rope is supple and tough at the same time.

Key Features:

- All-Around Rope
- Excellent Abrasion Resistance
- Middle Mark
- Good choice for most climbers
- Kernmantle Design
- Use for Sport or Traditional Routes

9.9 mm (25/64")

Weight: **62.6 g/m** » Falls: **7** » Impact Force: **7.9 kN** »
Static Elongation: **9.5%** » Dynamic Elongation: **36%**

COMPLIANT UIAA 101, EN 892

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

Azureus
DR099JG060S
DR099JG070S

OUTDOOR CLIMBING

GYM CLIMBING



PMI Dynamic is designed for mountaineering and climbing, in accordance with UIAA 101 and EN 892. While an excellent choice for recreational use, PMI Dynamic is super-durable and well-suited to professional use by professional rescuers, mountain-guides and challenge courses.

Dynamic Rope

Rope

Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

Patient
Care

Logistics and
Support Gear

Training and
Education

10.2 Spire

 **MADE IN THE USA**

A favorite among guides, the tough exterior of this lightweight rope is perfectly torsionally balanced, making it both easy-handling and durable. All that AND a fall rating of 11. Impressive.

Key Features:

- Tough sheath
- Light weight
- Middle Mark
- Great for Mixed Routes
- High Fall Rating

10.2 mm (13/32")

Weight: 69.0 g/m » Falls: 11 » Impact Force: 7.9 kN »
Static Elongation: 6.2% » Dynamic Elongation: 34%

COMPLIANT UIAA 101, EN 892

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

Grasshopper
DR102EQ060S
DR102EQ070S



OUTDOOR CLIMBING

GYM CLIMBING

 GLOBAL

10.6 PMI® Gym Pro

 **MADE IN THE USA**

With 22% more sheath, this rope competes with low stretch ropes for durability, and is also rated for lead climbing. A top choice for commercial operations.

Key Features:

- Great for Challenge courses, Gyms and Schools
- Rated for Lead Climbing
- Great for Top-Roping
- Ultra-durable
- High sheath:core ratio
- Middle Mark

10.6 mm (27/64")

Weight: 69.0 g/m » Falls: 8 » Impact Force: 8.2 kN »
Static Elongation: 6.8% » Dynamic Elongation: 33%

COMPLIANT UIAA 101, EN 892

60 m (197 ft) Standard
200 m (656 ft) Standard

Khaki
DR106AG060S
DR106AG200S

Wild Berry
DR106AI060S
DR106AI200S



OUTDOOR CLIMBING

GYM CLIMBING

ROPES COURSE

 GLOBAL

10.6 Cirque

 **MADE IN THE USA**

A soft catch and high fall rating go hand-in-hand, which is why this heavy-duty workhorse is the rope of choice for demanding routes and tough challenges. At 8.1kN impact force and a fall rating of 12, you won't find a better balanced rope.

Key Features:

- High Fall Rating
- Low Impact Force
- Middle Mark
- Supple Hand
- Perfectly balanced
- High Fall Rating

10.6 mm (27/64")

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

COMPLIANT UIAA 101, EN 892

60 m (197 ft) Standard
70 m (230 ft) Standard
200 m (656 ft) Standard

Mystic Canyon
DR106AZ060S
DR106AZ070S
DR106AZ200S



OUTDOOR CLIMBING

GYM CLIMBING

ROPES COURSE

 GLOBAL

11 Latitude

 **MADE IN THE USA**

The choice of professionals who work at height in extreme environments, the 11mm PMI Latitude cannot be beat for protecting against serious falls - again and again.

Key Features:

- Good for work/rescue applications
- Exceptionally High Fall Rating
- Ultra-durable Dynamic Rope
- Middle Mark

11 mm (7/16")

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

COMPLIANT UIAA 101, EN 892

60 m (197 ft) Standard
70 m (230 ft) Standard
200 m (656 ft) Standard

Raven
DR110FD060S
DR110FD070S
DR110FD200S



OUTDOOR CLIMBING

GYM CLIMBING

ROPES COURSE

 GLOBAL

Rope

Dynamic Rope

Terminations

Sewn-Eyes



MADE IN THE USA

Precision-stitched permanent, sewn termination is stronger than a knot – and nearly as strong as the rope itself. Heat shrink tubing protects the stitching and the label from abrasion.

Key Features:

- High strength
- Available for Select Ropes
- Easy to Inspect
- Stronger than a knot
- One or Both Ends

Ropes must be sewn before leaving the factory. Not all ropes that can have terminations are NFPA or ANSI compliant.

PMI can sew either one or two end terminations on the ropes listed below:

9 mm – PMI® Hudson Classic Pro EZ or Max

10 mm - PMI® Hudson Classic Pro EZ, Max or Sport

11 mm - PMI® Hudson Classic Pro EZ, Max or Sport, PMI® Isostatic, PMI® Access Pro, PMI® Extreme Pro™

12.5 mm - PMI® Hudson Classic Pro EZ, Max or Sport, PMI® Retro

13 mm - PMI® Isostatic

9 mm

MBS: 14 kN (3147 lbf) - PMI® Hudson Classic Pro EZ

One End KT36088

Two Ends KT36089

10 mm

MBS: 28 kN (6295 lbf) - PMI® Hudson Classic Pro EZ

One End KT36086

Two Ends KT36087

COMPLIANT NFPA 1983 (2017), T ANSI Z359.15, 2014 - PMI® HUDSON CLASSIC PRO EZ

11 mm

MBS: 29.3 kN (6587 lbf) - PMI® Hudson Classic Pro EZ

MBS: 38.6 kN (8678 lbf) - PMI® Extreme Pro™

One End KT36084

Two Ends KT36085

COMPLIANT NFPA 1983 (2017), T ANSI Z359.15, 2014 - PMI® HUDSON CLASSIC PRO EZ, PMI® EXTREME PRO

12.5 mm - 13 mm

MBS: 43.3 kN (9734 lbf) - PMI® Hudson Classic Pro EZ

MBS: 42.1 kN (9464 lbf) - PMI® Hudson Classic Pro with Unicore®

One End KT36080

Two Ends KT36083

COMPLIANT NFPA 1983 (2017), G ANSI Z359.15, 2014 - PMI® HUDSON CLASSIC PRO EZ, PMI® HUDSON CLASSIC PRO WITH UNICORE®

11 mm (Compact Termination)

MBS: 38.6 kN (8678 lbf) - PMI® Extreme Pro™

One End KT36165

Two Ends KT36177

COMPLIANT NFPA 1983 (2017), T ANSI Z359.15, 2014 - PMI® EXTREME PRO

ROPE ACCESS

TOWER WORK

ROPES COURSE

FALL PROTECTION

UTILITIES SAFETY

ARBORIST

9 mm comes with stainless steel thimbles.

10 mm - 13 mm come with nylon thimbles.



PMI® Swaged Terminations



High strength, no-knot aluminum compression fitting and stainless steel thimble are manufactured right into your PMI Classic rope, providing greater strength than a knot.

Key Features:

- High Strength
- Aluminum Sleeve
- Stainless Steel Thimble
- Applied using a precision steel die

ROPE ACCESS

TOWER WORK

ROPES COURSE

FALL PROTECTION

UTILITIES SAFETY

ARBORIST

Ropes must be swaged before leaving the factory.

PMI can swage either one or two end terminations on the ropes listed below:

11 mm - PMI® Hudson Classic Pro EZ, Max, Sport and Extreme Pro™

12.5 mm - PMI® Hudson Classic Pro EZ, Max or Sport,
PMI® Hudson Classic Pro with Unicore®, PMI® Retro

11 mm

MBS: 31.1 kN (6992 lbf) - PMI® Hudson Classic Pro EZ

Thimble HD26056

One End KT36027

Two Ends KT36028

COMPLIANT NFPA 1983 (2017), T ANSI Z359.15, 2014 - PMI® HUDSON CLASSIC PRO EZ

12.5 mm

MBS: 42 kN (9442 lbf) - PMI® Hudson Classic Pro EZ

MBS: 38.5 kN (8665 lbf) - PMI® Hudson Classic Pro with Unicore®

Thimble HD26014

One End KT36025

Two Ends KT36026

COMPLIANT NFPA 1983 (2017), G ANSI Z359.15, 2014 - PMI® HUDSON CLASSIC PRO EZ, PMI® HUDSON CLASSIC PRO WITH UNICORE®





Photo Mick Follari



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

Best Seller!

Bokat Rope Washer by PMI®

MADE IN THE USA

ARBORIST

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:

- Clamshell design
- Secure Hose Attachment
- Scrubbing Bristles inside
- Hook and Loop Closure
- Great for Muddy ropes

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



PMI® Laundry Bag **MADE IN THE USA**

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 mm Classic Static.

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

PMI® Rope Soap

Clean ropes last longer! PMI's biodegradable rope soap gently removes dirt, oil, grease, soot, smoke and other grime.

Key Features:

- Up to 12 loads/bottle
- Low PH
- Biodegradable
- Good for other cleaning

Weight: 2.06 lbs (934 g)
RC48031



Whip End Dip

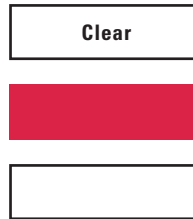
Seal your rope ends to prevent fraying and add a color coding option to your gear with this water based liquid vinyl compound sealant.

Key Features:

- Seals and Protects
- Use for Color Coding
- Easy to Apply
- 3 Coats Recommended
- 1 Bottle = 64 Ends
- Non-Toxic

Weight: 5.0 oz (143 g)

Clear	Red	White
RC48011	RC48012	RC48013



Cordage Meter

Mount to a secure table (brackets sold separately) to accurately measure ropes and cords easily, just by pulling rope through the opening. Extended bracket allows the meter to be pivoted out of the way when not in use.

Key Features:

- Conforms to USA/Canada Standards
- Available in Feet or Meters
- Pivots for easy storage
- Toothed Measuring Wheel
- Stainless Steel Pressure Shoe
- Measures ropes and cordage from 1/4" (6 mm) to 3/4" (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 - Feet	RC48003
Units - Metric	RC48004

Accessories

Standard Bracket	RC48006
Extended Bracket	RC48005



Electric Hot Knife

Plug this hotknife in to an electrical outlet and in a few moments it is ready to not only cut your rope, but also fuse the ends to help prevent unraveling.

Key Features:

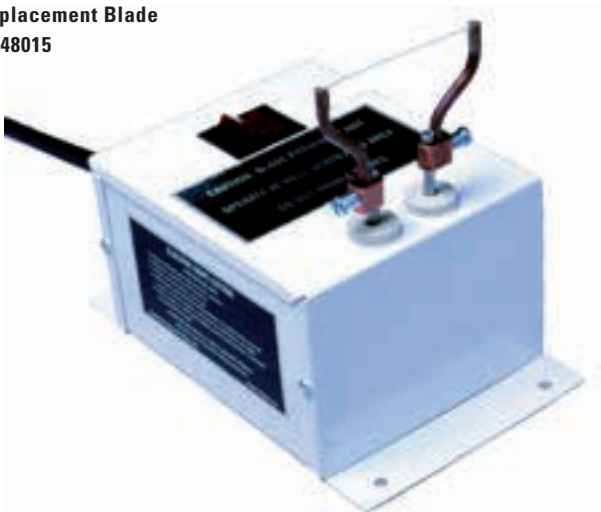
- 110v AC
- On-Off Switch
- Heats quickly
- Replaceable blade

Weight: 2.44 lbs (1.111 kg)

RC48014

Replacement Blade

RC48015



Special Order!

Small Cordage Meter

Mount to a secure table (brackets sold separately) to accurately measure small cords easily, just by pulling cord through the opening. Extended bracket allows the meter to be pivoted out of the way when not in use.

Key Features:

- Conforms to USA/Canada Standards
- Available in Feet or Meters
- Pivots for easy storage
- Toothed Measuring Wheel
- Stainless Steel Pressure Shoe
- 1/16" to 1/2" (1.5 mm to 12.7 mm) cord

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

Units - Feet	RC48040
Units - Metric	RC48041



Rope Care

Best Seller!

PMI® Supermantle

Tough nylon exterior with a durable interior layer of heavy canvas; wraps completely around your stationary ropes to provide maximum protection from sharp edges and abrasive surfaces.

Key Features:

- Double Layer
- Nylon exterior slides on surfaces
- Cotton Canvas contacts rope
- Hook and Loop closure
- Reflective strip
- Tie Off Loops at top and bottom

18 inch (45.7 cm)

Weight: 4.0 oz (121 g)

Black	Yellow
RC48020	RC48021

24 inch (61.0 cm)

Weight: 6.0 oz (162 g)

Black	Red
RC48018	RC48022

36 inch (91.4 cm)

Weight: 8.0 oz (237 g)

Black	Red
RC48019	RC48023



PMI® Supermantle USA



MADE IN THE USA

Ballistic-type nylon burrito-style rope protector wraps completely around your rope and secures firmly to guard against the harshest surfaces. The interior layer that comes into contact with the rope is constructed of heavy cotton canvas (rather than nylon) to prevent internal abrasion.

Key Features:

- Double layer
- Ballistic-type nylon exterior
- Cotton Canvas Interior
- Hook & loop closure
- Reflective strip
- Tie off tabs at top and bottom

18 inch (45.7 cm)

Weight: 4.8 oz (136 g)

Black	Red
RC48092	RC48091

24 inch (61.0 cm)

Weight: 6.4 oz (182 g)

Black	Red
RC48094	RC48093

36 inch (91.4 cm)

Weight: 9.2 oz (261 g)

Black	Red
RC48096	RC48095



Spiroll®



Effective, economical protection for your stationary ropes, Spiroll® Rope Protectors employ a unique patent pending technology. Rugged polyurethane material wraps snugly around a single rope several times to secure itself anywhere it is placed without being tied.

Key Features:

- Polyurethane
- No need to tie off
- Rugged
- For ropes 9.5 mm and up
- Wraps securely around rope
- Highly flexible
- Easily Movable

Width: 4.00" (10.2 cm) »
Length: 24.00" (61.0 cm) »
Weight: 2.2 oz (57 g)

Orange RC48032 Black RC48033

BERRY COMPLIANT



PMI® Canvas Pad

Extremely durable double layer cotton canvas duck pad protects rope and webbing wherever it comes in contact with abrasive surfaces. Large size also works great as a ground cloth for sorting gear during an operation.

Key Features:

- Cotton Canvas Duck
- Double Layer
- 2 sizes to choose from
- Accessory Cord not included
- Natural Color
- Grommets in each corner
- Best for non-moving ropes

Medium

Width: 34.00" (86.4 cm) » Length: 30.00" (76.2 cm) »
Weight: 1.56 lbs (703 g)

Natural

RC48026

Large

Width: 34.00" (86.4 cm) » Length: 60.00" (152.4 cm) »
Weight: 2.94 lbs (1.340 kg)

Natural

RC48027



Large

PMI® Duck Edge Pad



A lighter weight, but still heavy-duty cotton canvas pad for protecting rope - or whatever the rope may come into contact with. Rectangular shape is ideal for wrapping around a beam or a tree. Includes accessory cord.

Key Features:

- Cotton Canvas
- Green Color
- Double Layer
- Corner Grommets
- Prerigged with accessory cord
- Best for non-moving ropes

Small

Width: 12.00" (30.5 cm) »
Length: 33.00" (83.8 cm) »
Weight: 13.4 oz (380 g)

Green

RC48010



Small

Medium

Width: 34.00" (86.4 cm) »
Length: 30.00" (76.2 cm) »
Weight: 1.56 lbs (703 g)

Natural

RC48026U

Large

Width: 34.00" (86.4 cm) »
Length: 60.00" (152.4 cm) »
Weight: 2.94 lbs (1.340 kg)

Natural

RC48027U



Medium

New! Box of PMI® Rope Shorts

New pieces of PMI static rope. Colors, lengths, and type of static rope vary by box. Each box contains 3 or 4 pieces of rope depending on the length of each rope.

11 mm (7/16")

PMI® Box of 11 mm rope, short lengths—various colors

SP55141

12.5 mm (1/2")

PMI® Box of 12.5 mm rope, short lengths—various colors

SP55140

Rope Care

New! SMC ProTech Edge Protection

Created to be the ultimate solution to protecting either moving or fixed ropes, SMC's Pro-Tech is constructed of durable engineering-grade plastic for high strength and low co-efficient of friction. Modular system adapts to any terrain and is infinitely reconfigurable. Securely protects up to three ropes at the same time.

Key Features:

- Durable Plastic (polyacetal copolymer) Links
- Accepts up to three moving or fixed ropes
- Articulating "Tractor Tread"
- 23.4", 15 link unit
- 3 angled pins
- Stainless Steel Captive Pins Secure Ropes
- Low coefficient of friction
- Modular, Reconfigurable System
- 14 straight pins

Weight: 1 lbs 11 oz (755 g) » Width: 3.50" (8.8 cm) »
Length: 23.40" (59.5 cm) » Height: 1.20" (3.1 cm)

Blue Yellow
SM148302 SM148304



SMC Flex

Flexible plastic material conforms to a variety of shapes and edges, while allowing rope to slide easily across the top. Bubbled surface keeps rope tracking straight, while also accommodating flex clips to connect multiple FLEX pads together. May be used for multiple ropes.

Key Features:

- Single Unit
- Accommodates multiple ropes
- Connect multiple units together using FlexClips
- Flexible Material
- Highly configurable

Flex Pad

Height: 0.75" (1.9 cm) » Width: 8.00" (20.3 cm) » Length: 16.00" (40.6 cm) » Weight: 4 oz (113 g)

SM148200

Flex Kit (2 pads, Clips)

SM148202

Flex Clip Kit

SM148210



Rope and tree not included.



Rope, tree, and carabiner not included.

SMC Rope Tracker

The SMC Rope Tracker is engineered to secure, capture, protect and manage multiple ropes when negotiating difficult edge transitions. The SMC Rope Tracker is manufactured from a high quality durable abrasion resistant thermoplastic blend to minimize weight and maximize strength.

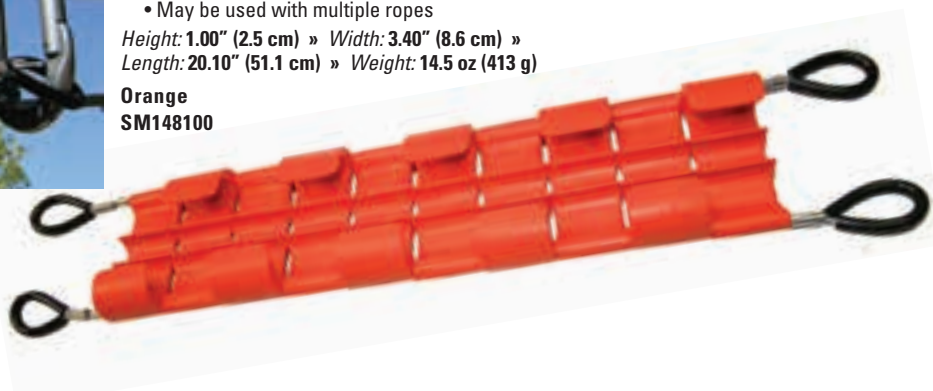
Key Features:

- Tough, flexible material
- High Strength
- May be used with multiple ropes
- Tracks keep ropes in place
- Cable retainers

Height: 1.00" (2.5 cm) » Width: 3.40" (8.6 cm) »
Length: 20.10" (51.1 cm) » Weight: 14.5 oz (413 g)

Orange

SM148100



SMC Edge Roller



Large roller unit protects rope going over an edge or sharp surface. Two or more Edge Rollers may be connected by quick links to lay over a right angle such as a rock wall or edge of a building.

Key Features:

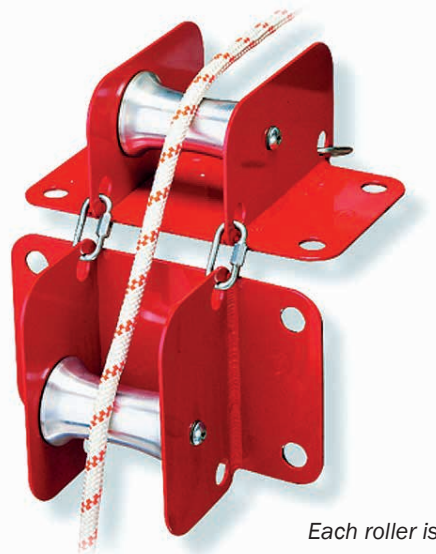
- Single Unit
- Highly Efficient Roller
- 4" wide
- Accommodates multiple ropes
- Connect additional units with screw links provided

1 Roller

Height: 4.25" (10.8 cm) » Width: 6.90" (17.5 cm) »
Length: 9.90" (25.1 cm) » Weight: 3.13 lbs (1.410 kg) »
Sheave: 2.50" » Bearing: Oilite

Red

SM148500



Each roller is sold individually.



SMC Roof Roller



Specialized edge protection designed for right angle structural edges. The outer roller "reaches" out over the edge to protect your ropes and reduce friction for a long haul or lower.

Key Features:

- Includes Three linked units
- Two roller bars per unit
- Hard anodized aluminum side plates
- Wide enough for multiple ropes
- Can be linked together

1 Roller

Height: 5.90" (15.0 cm) » Width: 9.90" (25.1 cm) »
Length: 10.00" (25.4 cm) » Weight: 4.63 lbs (2.09 kg) »
Sheave: 2.50" » Bearing: Oilite

Yellow

SM149000



Notch will fit over ladder rungs.
Carabiners not included.

Best Seller!

PMI® Edge Roller System



Three linked units with hard anodized aluminum side plates and two roller bars each. This lightweight and compact roller can be used linked together with the furnished screw links at sharp edges, or separated for long gradual breakovers.

Key Features:

- Efficient rollers
- Two 4" wide aluminum rollers
- Holes for permanent mounting
- 5/8" steel axle

Height: 3.00" (7.6 cm) » Width: 6.50" (16.5 cm) »
Length: 22.00" (55.9 cm) » Weight: 2.75 lbs (1.250 kg)

HD26086



Two rollers per unit.

See screw links on page 77.

Webbing and Cordage

Accessory Cord to sewn Prusiks, PMI has all the bases covered. Whether you're looking for spools of webbing and cord in bulk, or for sewn straps and lanyards, you'll find a wide assortment to choose from at PMI. And, if you don't find something you're looking for, just ask. We will be happy to try to help.

Accessory Cord



MADE IN THE USA



GLOBAL

PMI® Accessory Cords are made of durable kernmantle construction to UIAA standards and are great for a wide variety of uses. The smaller PMI® Accessory Cords can be used for many applications such as boot laces, lanyards, tent/shelter tie-down cords, equipment fixes and much more. Larger diameters of PMI® Accessory Cords may be used in applications including building climbing anchors, Prusik cords and a wide variety of other uses. These cords are made with the ideal combination of strength, flexibility, and durability.

Key Features:

- 100% nylon
- Available from 2 mm to 9 mm
- Discounted price for spooled lengths

2 mm (5/64")	Multi Color			
100 m Spool	CC020ZA100S			\$38.00
Per Meter	CC020ZA001S			\$.40
3 mm (1/8")	Black	Multi Color A	Multi Color B	
100 m Spool	CC030MB100S	CC030MC100S	CC030ME100S	\$46.20
Per Meter	CC030MB001S	CC030MC001S	CC030ME001S	\$.49
4 mm (5/32")	Black	Multi Color A	Multi Color B	
100 m Spool	CC0400B100S	CC0400C100S	CC0400E100S	\$74.00
Per Meter	CC0400B001S	CC0400C001S	CC0400E001S	\$.78
5 mm (13/64")	Black	Multi Color A	Multi Color B	Multi Color C
50 m Spool				CC055QE050S
100 m Spool	CC055QB100S	CC055QC100S	CC055QD100S	CC055QE100S
Per Meter	CC055QB001S	CC055QC001S	CC055QD001S	\$1.03
6 mm (15/64")	Black	Multi Color A	Multi Color B	
50 m Spool		CC060SC050S		\$64.00
100 m Spool	CC060SB100S	CC060SC100S	CC060SD100S	\$128.00
Per Meter	CC060SB001S	CC060SC001S	CC060SD001S	\$1.34
7 mm (9/32")	Black	Multi Color A	Multi Color B	
50 m Spool	CC070UB050S	CC070UC050S	CC070UE050S	\$79.00
100 m Spool	CC070UB100S	CC070UC100S	CC070UE100S	\$158.00
Per Meter	CC070UB001S	CC070UC001S	CC070UE001S	\$1.66
8 mm (5/16")	Black	Multi Color A		
50 m Spool	CC080WB050S	CC080WC050S		\$99.00
100 m Spool	CC080WB100S	CC080WC100S		\$198.00
Per Meter	CC080WB001S	CC080WC001S		\$2.08
9 mm (23/64")	Black	Multi Color A		
50 m Spool		CC090YC050S		\$128.50
100 m Spool	CC090YB100S	CC090YC100S		\$257.00
Per Meter	CC090YB001S	CC090YC001S		\$2.70

COMPLIANT 4 mm - 8 mm UIAA 102

The MBS figures below apply to all cords shown on pages 32-34 (not including Sewn Prusik Cord Loops, Tuff Cord, and Utility Cord).

DIAMETER	MBS
2 mm - 2.1 g/m	0.9 kN (202 lbf)
3 mm - 6.2 g/m	2.7 kN (607 lbf)
4 mm - 11.7 g/m	3.5 kN (787 lbf)
5 mm - 17.8 g/m	5.4 kN (1214 lbf)
6 mm - 25.8 g/m	7.2 kN (1619 lbf)
7 mm - 33.2 g/m	11.9 kN (2675 lbf)
8 mm - 42 g/m	14.3 kN (3214 lbf)
9 mm - 50.4 g/m	14.8 kN (3327 lbf)



MADE IN THE USA



GLOBAL

PMI® CORDE-LITE™

Literally stands out from any other accessory cord! This is a one-of-a-kind cord with a phosphorescent sheath that glows in the dark for up to 10 or more hours after brief exposure to a good 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: 34.5 g/m » MBS: 11.9 kN (2675 lbf)

CC070UG006S \$15.50

COMPLIANT UIAA 102



Call PMI Customer Service with any questions about Cordage by the Meter.

PMI® Two-Eyed Cyclone

These prusiks feature eye-to-eye construction with 50% aramid and 50% polyester materials for heat resistance that reduces rope glazing which increases durability and lifetime use. Commonly used as a self-locking hitch and by arborists for footlock and double rope techniques.

Key Features:

- 50% aramid and 50% polyester thermally resistant materials
- Sewn terminations stronger than a knot
- Clear plastic cover for easy inspection and protection of stitching

10 mm (25/64")

MBS: 22 kN (5000 lbf)

76 cm (30")	SG51280	\$27.00
90 cm (36")	SG51281	\$32.00

COMPLIANT CE EN 354



ARBORIST

ROPE RESCUE

GLOBAL

Best Seller!

Sewn Prusik Cord Loops

MADE IN THE USA

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 Kit
- Cord also slides under the clear tubing to allow length adjustment



6 mm (15/64")

MBS: 11 kN (2473 lbf)

	Multi	
11"	KT36094	\$9.50
20"	KT36095	\$10.25
44"	KT36096	\$11.95
5'8"	KT36097	\$13.50

7 mm (9/32")

MBS: 15 kN (3372 lbf)

	Yellow	Blue	
19"	KT36137		\$11.50
26"		KT36138	\$11.50
34"	KT36092	KT36100	\$13.00
5'8"	KT36093	KT36101	\$14.95

8 mm (5/16")

MBS: 20 kN (4496 lbf)

	Green	Red	
16"	KT36090	KT36098	\$11.50
22"	KT36091	KT36099	\$11.50

Prusik Cord

MADE IN THE USA

GLOBAL

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

Key Features:

- 100% nylon
- UIAA 102 Certified



	Yellow/Red	Blue/Red	
7 mm (9/32")			
50 m Spool	CC070UJ050S	CC070UK050S	\$79.00
100 m Spool	CC070UJ100S	CC070UK100S	\$158.00
Per Meter	CC070UJ001S	CC070UK001S	\$1.66
8 mm (5/16")			
50 m Spool	CC080WF050S	CC080WG050S	\$99.00
100 m Spool	CC080WF100S	CC080WG100S	\$198.00
Per Meter	CC080WF001S	CC080WG001S	\$2.08

COMPLIANT UIAA 102

Cordage

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, 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

7 mm (9/32")

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

	Orange/Blue	
Per Meter	SR0700X001E	\$2.37
100 m Spool	SR0700X100E	\$237.00

COMPLIANT C11801, STATIC



Improved tighter sheath to reduce sheath slippage.

Bagged Cord



PMI's sturdy 100% nylon cord pre-cut and bagged for display. PMI® Accessory Cords are made of durable kernmantle construction to UIAA standards and are great for a wide variety of uses as described in the Accessory Cord product description (page 36).

Key Features:

- 100% nylon
- Pre-cut and bagged for display

15.8 m (52 ft)		Mantis	Caribbean	
6 mm (15/64")	25.8 g/m	CC060SH016S	CC060SI016S	\$20.00
9.2m (30 ft)		Camo		
7 mm (9/32")	33.2 g/m	CC070DC009S	\$14.75	

COMPLIANT 4 mm - 8 mm UIAA 102



PMI® Utility Cord



PMI's strong utility cord is essential to have for an endless variety of uses such as for tent tie-down, clotheslines, securing a load, and unforeseen quick fixes.

Key Features:

- Polyester sheath/nylon core
- Bagged
- 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	\$5.40
Black	CC030BK015P	\$5.40
Green	CC030GR015P	\$5.40
Orange	CC030OR015P	\$5.40
White	CC030WH015P	\$4.95



Work-Spec Webbing



ARBORIST

Work-Spec Webbing is specially built to commercial versions of military specifications. For all rigging uses such as slings, anchorages, and even hasty seats.

Key Features:

- For all rigging uses
- Available in 1" and 2"
- 9 colors available in 1"
- 2" available in red

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

	Best Seller!	Best Seller!	Best Seller!	Best Seller!	
1"	Red	Blue	Hot Orange	Yellow	
Per Yard	WB59001	WB59003	WB59005	WB59007	\$1.34
100 yd	WB59002	WB59004	WB59006	WB59008	\$126.00

	Best Seller!				
1"	Black	OD Green	Dark Green	Fluorescent Green	
Per Yard	WB59009	WB59034	WB59025	WB59011	\$1.34
100 yd	WB59010	WB59033	WB59021	WB59012	\$126.00

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

2"	Red	
Per Yard	WB59013	\$3.09
50 yd	WB59014	\$147.00



Use different colors for color coding all your anchorages.

New! Mil-Spec Webbing

Built to exacting military specifications, the durability and strength of this 1" tubular webbing makes it a perfect choice for rigging anchorages, runners, slings, and more for rescue and work at height.

Key Features:

- May contain splices
- For All Types of Rigging
- Black tracer on one side

Weight: 37 g/yd » MBS: 18 kN (4000 lbf)

1"	Red	OD Green	
Per Yard	WB59059	WB59061	\$1.56
115 yd	WB59058	WB59060	\$170.00



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)

1"	Black	
Per Yard	WB59027	\$7.00



Best Seller!

PMI® Pick Off Strap **MADE IN THE USA**

This PMI® Pick Off Strap is made of a heavier nylon than the PMI® Easy Pick Off Strap, which provides for a higher minimum breaking strength. It also has a hot forged alloy steel/cadmium plated D-Ring and V-Ring attachment points for a solid metal on metal-on-metal connection. It is designed to facilitate the rescuer tethering to a subject and transferring the subject's weight onto their system.

Key Features:

- Fast connection
- Hook and loop keeper
- Adjustable length: 8" to 50"

Weight: 11 oz (312 g) » MBS: 20 kN (4496 lbf)

Black
SG51032 **\$54.50**



Best Seller!

PMI® Easy Pick Off Strap **MADE IN THE USA**

This high performance pick off strap is designed to weigh less and be less bulky, but still perform when you need it. With a sewn anchor loop on the load end and a hand loop on the haul end, this strap allows for quick weight transfer from one system to another.

Key Features:

- Lightweight
- Sewn anchor loop on one end
- Hand loop • Hook and loop keeper
- Adjustable length: 7" to 42"

MBS: 9 kN (2023 lbf) »

Length: 42.00" (106.7 cm) »

Weight: 9 oz (255 g)

Blue
SG51180 **\$54.00**



PMI® Gear Daisy **MADE IN THE USA**

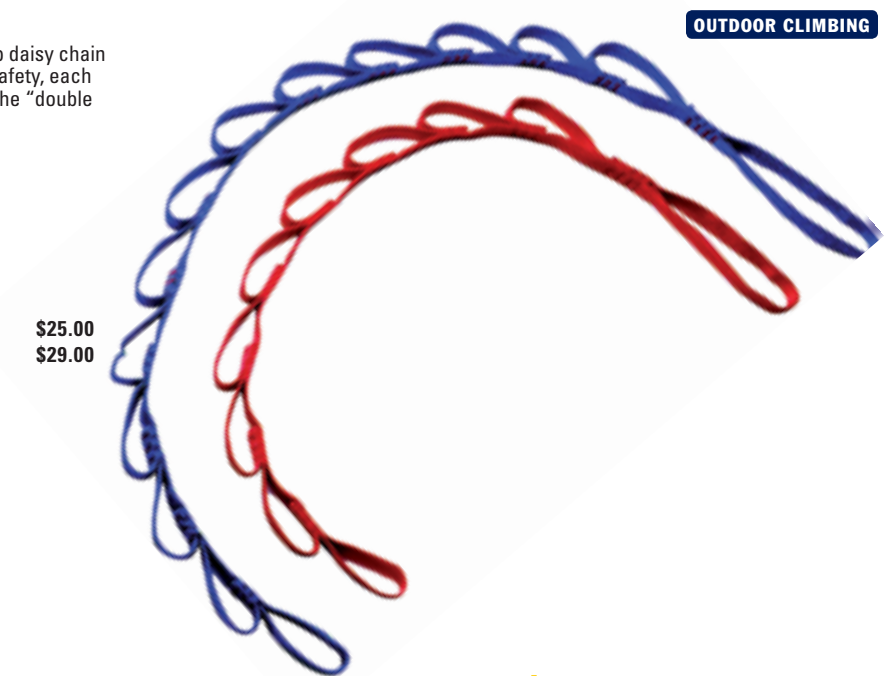
Constructed of 1" (25 mm) tubular webbing, this multi-loop daisy chain helps organize your rigging gear. While not rated for life safety, each loop on our gear daisy will hold 2 kN (450 lbf) because of the "double back" construction.

Key Features:

- Single length of webbing
- Hand loop at one end
- Organize your gear
- Made from 1" tubular webbing

MBS: 2 kN (450 lbf)

3 ft - 9 gear loops	4 oz (112 g)	SG51035	\$25.00
4 ft - 13 gear loops	5 oz (155 g)	SG51041	\$29.00



OUTDOOR CLIMBING

Sewn Webbing

PMI® Multi Strap **MADE IN THE USA**

The PMI® Multi Strap is an easy to use and low cost multi-tool for rigging and rescue applications. This one tool has over 20 uses; a pick off strap, litter bridle, adjustable footloop, multi-point anchor, and patient drag just to name a few. Made with the incredibly strong SMC Rigging Ring (page 102).

Key Features:

- Fast connection
- Extra layer of webbing for protection
- Supporting loads up to 22 kN (5000 lbf)
- Always select an anchor that is capable of supporting 22 kN (5000 lbf) per person attached

MBS: 22 kN (5000 lbf) » Weight: 5.2 oz (148 g)

Orange
SG51236

\$24.00



ROPE ACCESS
ROPE RESCUE
ARBORIST
OUTDOOR CLIMBING
RECREATIONAL CAVING

Power Sling

These ultra high strength sewn slings are made of lightweight, abrasion resistant Dyneema®. Only 10 mm in width, these slings are as strong as thicker nylon counterparts, but have less elongation.

Key Features:

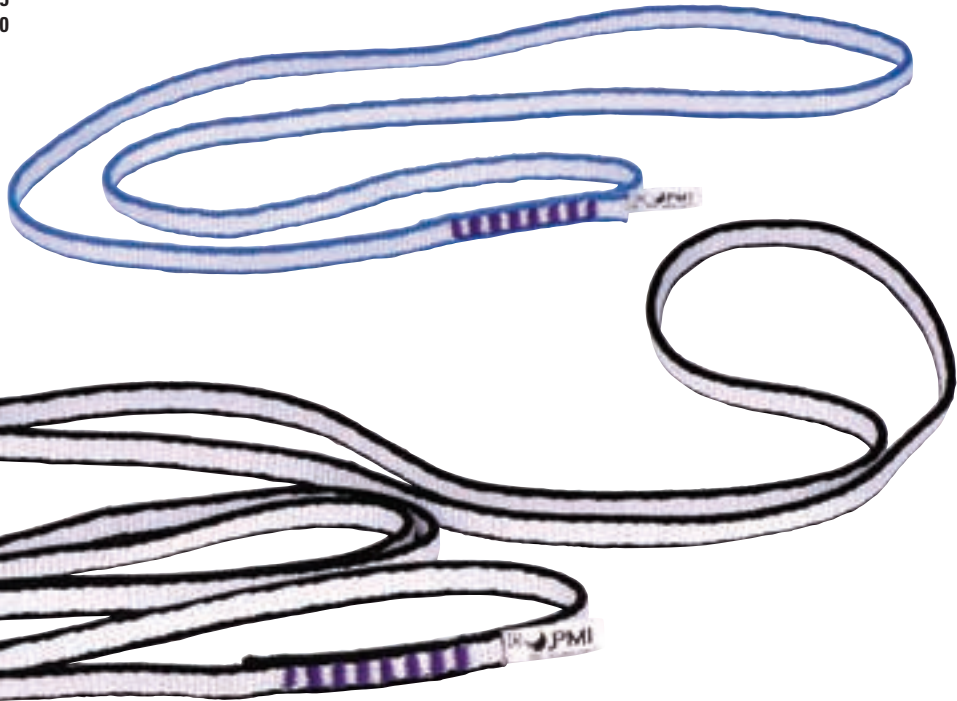
- Lightweight
- 10 mm width
- Great for non dynamic anchors
- Abrasion resistant

MBS: 22 kN (5000 lbf)

60 cm	SG51157	Best Seller!	\$9.25
120 cm	SG51158		\$18.00

COMPLIANT **UIAA CE EN 566**

OUTDOOR CLIMBING
ROPE ACCESS
ROPE RESCUE
ARBORIST
 **GLOBAL**



Color for either size depends on available materials.

PMI® Etrier **MADE IN THE USA**

The PMI Etrier is the ultimate aid when ascending and descending mountains, ropes or structures at-height. Choose from a 4, 5, or 6 step Etrier based on your height and needs in a packable and lightweight step ladder.

Key Features:

- Reinforced steps in contrasting colors
- 1" tubular webbing
- MBS of each loop is 2 kN (450 lbf)
- Loop width 5"

MBS: 2 kN (450 lbf)

4-Step

Height: 1.00" (2.5 cm) »
Width: 5.00" (12.7 cm) »
Length: 51.00" (129.5 cm) »
Weight: 7.0 oz (201 g)

Red

SG51040 \$42.00

Best Seller!

5-Step

Height: 1.00" (2.5 cm) »
Width: 5.00" (12.7 cm) »
Length: 63.00" (160.0 cm) »
Weight: 8.0 oz (239 g)

Blue

SG51034 \$45.00

6-Step (not shown)

Height: 1.00" (2.5 cm) »
Width: 5.00" (12.7 cm) »
Length: 72.00" (182.9 cm) »
Weight: 9.9 oz (280 g)

Orange

SG51096 \$50.00



RECREATIONAL CAVING

ROPE ACCESS

CAVE RESCUE

PMI® 1-Ztep **MADE IN THE USA**

Adjustable, heavy-duty footloop for use in ascending.

Key Features:

- Adjustable: 28 - 46"
- Reinforced foot loop
- Heavy 1" flat webbing

Weight: 4.0 oz (113 g) » MBS: 2 kN (450 lbf)

Black

SG51049 \$25.00

BERRY COMPLIANT



RECREATIONAL CAVING

ROPE ACCESS

CAVE RESCUE

Personal Gear

Form meets function in PMI's well-thought-out personal equipment. From harnesses to helmets to gloves and more, you'll find gear that meets the specifications and comfort you need.

Understanding Harness Standards

NFPA's standard on Life Safety Rope and Equipment for Emergency Services classifies harnesses into two groups:

Class II: A seat harness meant for heavy duty work by one person or in rescue situations in which another person's weight may be added in the course of the rescue. (Harness must pass Upright Static, Horizontal Static, and Dynamic Drop Test of a 300 lb test dummy)

Class III: A full body harness meant for protection and for use in rescues in which inversion might occur. (Harness must pass all 3 tests for Class II plus a 4th Head Down Static Test)



Photo TranSystems

New! PMI® Sympatico Grande Harness

A one-piece full-body harness to fit big and tall workers, and for those who wear bulky cold-weather gear. Ergonomic slim padding conforms to the wearer without adding bulk, and quick connect buckles make donning and doffing a breeze.

Key Features:

- Sized for Larger Workers
- Large D rings at main attachments
- Wide waistbelt
- Front and Rear waist Attachments
- Hip Positioning rings
- Lanyard stowage loops at chest
- Quick-release buckles at waist and legs
- One Piece design
- Deep seat
- Ergonomic slim padding
- Dorsal and Sternal attachments
- Soft Loop Shoulder attachments
- Chest-ascender link

Waist: 44" - 65" » Leg: 25" - 39" » Weight: 6.75 lbs (3.062 kg)

SG51283

\$225.00

COMPLIANT CE EN 361 EN 358 EN 813 - BS EN 813:2008 ASTM F1772

Front

Back

ROPE ACCESS

ROPE RESCUE

GLOBAL

Best Seller! PMI® Sympatico

Balancing the minimalist style of recreational harnesses with the extraordinary support of professional harnesses, this one-piece full-body harness features a wide belt and ergonomic slim padding for body-conforming comfort. Quick-connect buckles at waist and leg loops, with connection points at front waist, lumbar, dorsal, sternal, and hips. Soft attachments at shoulders for vertical lift.

Key Features:

- One Piece design
- Deep seat
- Ergonomic slim padding
- Dorsal and Sternal attachments
- Soft Loop Shoulder attachments
- Chest-ascender link
- Large D rings at main attachments
- Wide waistbelt
- Front and Rear waist Attachments
- Hip Positioning rings
- Lanyard stowage loops at chest
- Quick-release buckles at waist and legs

Waist: 34" - 55" » Leg: 22" - 33" » Weight: 5.75 lbs (2.605 kg)

SG51289

\$225.00

COMPLIANT CE EN 361 EN 358 EN 813 - BS EN 813:2008 ASTM F1772

ROPE ACCESS

ROPE RESCUE

GLOBAL

Check out the Logistics and Support Gear section of this catalog for gear pockets and packs.

Harnesses

Best Seller!

PMI® Avatar Deluxe

 **MADE IN THE USA**

Our most popular rescue harness with Quick Release AustriAlpin Cobra™ buckles at waist, leg loops, and chest attachments. This NFPA certified rescue harness is a breeze to don and doff, with a fully integrated, non-removable chest harness that also complies with ANSI Z359 fall protection requirements.

Key Features:

- Quick Release COBRA™ buckles
- Dorsal, Sternal, Waist, Shoulder and Hip Attachments
- Slim profile padding
- Storage Bag Included
- Spring loaded dorsal and waist adjustments
- Ergonomic fit
- Integrally attached chest harness

ROPE ACCESS
ROPE RESCUE
FIRE RESCUE
CONFINED SPACE
TOWER WORK
FALL PROTECTION

Standard	Waist: 31" - 54"	Leg: 20" - 33"	6.00 lbs (2.722 kg)	Black	
Large	Waist: 37" - 55"	Leg: 23" - 37"	6.20 lbs (2.812 kg)	SG51263	\$573.50
				SG51264	\$592.50

COMPLIANT NFPA 1983 (2017), CLASS III ANSI Z359.11



PMI® Avatar

The Avatar is a one of a kind harness with an array of basic design and not so subtle features that make it the most versatile, comfortable, and useful harness you're ever likely to wear. Available as a seat only or with your choice of chest harnesses to meet NFPA Class III standards.

Key Features:

- 8 attachment points when used with the Diamond chest harness
- Fully adjustable rear leg risers and chest harness
- Ergonomic padding
- Dorsal, sternal, waist, hip, shoulder, and lumbar attachments
- Available in two sizes to fit 30" - 61" waists
- Interchangeable, removable chest harness

PMI® Avatar Seat Harness



ROPE RESCUE

FIRE RESCUE

This seat harness may be used with or without the optional chest harness for rescue and other vertical rope pursuits. Ergonomically shaped slim padding offers less bulk and more comfort.

Key Features:

- Front Waist and Lumbar attachments
- Slim ergonomic padding
- Adjustable Leg Loops
- Adjustable Rear Risers

Standard	Waist: 30" - 55" Leg: 19" - 34"	4.10 lbs (1.860 kg)	Black SG51043	\$316.00
Large-XL	Waist: 35" - 61" Leg: 24" - 40"	4.25 lbs (1.928 kg)	SG51044	\$339.00

COMPLIANT NFPA 1983 (2017), CLASS II



PMI® Avatar diamond chest harness



With sternal, dorsal, and shoulder attachment points, this chest harness pairs with the PMI® Avatar Seat Harness for Technical Rescue or Confined Space Operations.

Key Features:

- One Size
- Pairs with Avatar Seat Harness
- Includes 10 mm Maillon Rapide
- Steel D Rings at Sternal and Dorsal
- Steel Triangular connections at shoulders

2.10 lbs (953 g)	Black SG51045	\$189.50
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Harnesses

Best Seller!

PMI® CS Tech Harness



MADE IN THE USA

One-piece, full-body harness has no gear loops, no side D-rings, and a low profile to prevent snagging in Confined Space operations. Buckles on leg loops and shoulder strap open completely, making this harness easy to don and doff.

Key Features:

- Dorsal, Sternal, Waist and Shoulder Attachment points
- Fully opening buckles
- Ergonomic Shoulder Straps
- Storage Bag Included

Waist: 31" - 52" » Leg: 19" - 34"

Grey/Red

5.06 lbs (2.300 kg)

SG51156

\$300.00

COMPLIANT NFPA 1983 (2017), CLASS III ANSI Z359.11

CONFINED SPACE

ROPE RESCUE

FIRE RESCUE



Front



Back

ANSI Z359

Keeping your high work teams safe and compliant can be a full time job. Let us help!

With PMI's full line of ANSI Z359 compliant products, your crews can stay safe and meet all the latest regulatory requirements.

What Is ANSI?

ANSI stands for American National Standards Institute. The Institute oversees the creation, promulgation, and use of thousands of standards and guidelines that directly impact businesses in nearly every sector, including work at height in General Industry and Construction. ANSI is the official U.S. representative to the International Organization for Standardization (ISO).

What Does ANSI Z359 Cover?

ANSI Z359 establishes performance criteria for the key equipment used in fall protection, fall restraint, and rescue after a fall.

ANSI Z359 addresses the overall fall protection program rather than just equipment. ANSI Z359.2 describes the Comprehensive Managed Fall Protection Program, while subsequent chapters are concerned with specific components and equipment.



Photo Trask Bradbury

heightec® Workseat

Rope access workseat with PVC covered closed-cell foam pad for comfortable support while working at height.

Key Features:

- Adjustable under load
- 2 gear loops
- Use with a full body harness for safety
- 50 cm Wide

4.5 lbs (2.041 kg) HD26188 \$188.00



ROPE ACCESS

Spreader Bar

CONFINED SPACE

This spreader bar may be used with any PMI® harness that features shoulder attachment points. Ideal for vertical lift in confined space operations and retrieval.

Key Features:

- Heavy duty webbing
- Center bar stiffener
- 3/4" Safety Snap Hooks
- D-Ring top attachment

Width: 12.00" (30.5 cm) » Length: 20.50" (52.1 cm) »

Weight: 1.88 lbs (853 g)

HD26050 \$80.25



New! PMI® ExTender

Protect your tools (up to 1 lb) from dropping with this spiral cord extendible leash. Three separate tool cords are provided to be used interchangeably with the leash, each with a retainer loop for securing tools between use.

Key Features:

- Extends up to 300%
- Mini carabiner connection
- Pairs well with GRUNT BUCKET
- Removable tool attachment loop
- 1 lb Tool Capacity
- Prevents dropped tools

Length: Minimum length: 7.1" - Maximum length: 52.4" »

Weight: 3 oz (85 g)

AC10019 \$25.00



Harnesses

PMI® Backcountry Rescue Harness

Fully adjustable Search and Rescue harness in a feature-rich mountaineering design with stiffened gear loops and autolock buckles at waist and legs that do not require double-back. Comfortable enough for everyday use, light weight enough to carry as a backup option.

Key Features:

- Autolock buckles
 - Gear Loop stiffeners
 - Light weight
- High Viz reflective trim
 - Abrasion resistant polyester

Waist: 26" - 56" » Leg: 18" - 33"

1.44 lbs (473 g)

Green
SG51271

\$63.00

COMPLIANT CE EN 12277 ASTM F1772



WILDERNESS RESCUE

OUTDOOR CLIMBING

ROPES COURSE

GLOBAL

PMI® Delta Tactical Harness



Low-profile harness without protruding gear loops is lightweight and smooth to prevent snagging during theatrical and tactical use. Easy-to-install gear-loop kit included.

Key Features:

- Lightweight
 - Secure Cam Buckle at waist
 - Gear loop retrofit kit
- Comfortable padding
 - Double Back leg loop Buckles

Standard	Waist: 31" - 45"	Leg: 20" - 33"	1.44 lbs (658 g)	Black SG51110	\$127.50
Large-XL	Waist: 37" - 55"	Leg: 23" - 37"	1.63 lbs (748 g)	SG51111	\$127.50



WILDERNESS RESCUE

TACTICAL

ROPE RESCUE

THEATER



Best Seller!

PMI® Spectrum Group Harness

MADE IN THE USA

Universal group harness for challenge-course, zip-line, or gym use fits a wide range of body sizes. Step-in donning, with a double-buckle adjustment that doesn't require double-back.

Key Features:

- One size
- One Gear Loop
- Reinforced Belay loop
- Step-in Donning
- Double-buckle for safety

Waist: 24" - 48" » Leg: Up to 34"

15.1 oz (426 g) **Red** **SG51112** **\$93.50**



MADE IN THE USA

PMI® Pit Viper Caving Harness

Low profile harness designed for cave rescue and exploration. Low front attachment; pairs well with PMI Frog harness for ascending.

Key Features:

- Adjustable waist and leg loops
- Rear leg-loop abrasion guards
- Double-back leg buckles
- Use 10 mm Screw-Link to close front

			Red	
Standard	Waist: 27" - 39"	Leg: 20" - 26"	SG51038	\$106.50
Large	Waist: 32" - 55"	Leg: 24" - 30"	SG51046	\$106.50



CAVE RESCUE

RECREATIONAL CAVING

MADE IN THE USA

Frog Chest Harness

Cavers match this with a PMI® Pit Viper seat harness, EVO chest ascender, Quick-up Handled ascender, foot-loop, and double cow's tail to make a classic "Frog" system for ascending.

Key Features:

- Lightweight 1" webbing
- Adjustable One-Size
- Secure dual back attachment
- H-strap across back

3.4 oz (96 g) **SG51047** **\$22.75**



CAVE RESCUE

RECREATIONAL CAVING

Lanyards

PMI® Dynamic Sewn Lanyard



The PMI® Dynamic Sewn Lanyard is intended for personal use in rope access, positioning, and safety systems. Ideal for use as a rope access cow's tail. This lanyard has PMI® Sewn Eyes on each end creating a permanent, sewn termination that is stronger than any knot. Requires carabiners for proper use.

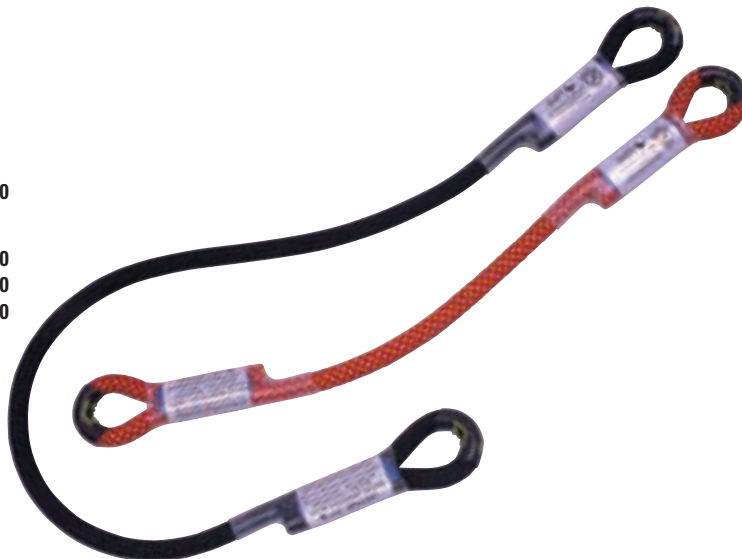
Key Features:

- Made from 11 mm PMI Dynamic™ rope
- Includes PMI® Sewn Eye terminations
- Available in 4 lengths
- Quick identification while in use: red is short, black is long

MBS: 22 kN (5000 lbf)

Length	Weight	Rojo (Red)	
17.50" (44.5 cm)	2.7 oz (76.5 g)	SG51250	\$23.00
		Black	
24.0" (60.0 cm)	3.2 oz (91.3 g)	SG51261	\$25.00
32.5" (82.6 cm)	3.9 oz (110.7 g)	SG51251	\$27.00
39.4" (100.0 cm)	4.4 oz (125.5 g)	SG51262	\$29.00

COMPLIANT ANSI Z359.3, 2017



ROPE ACCESS

CAVE RESCUE

RECREATIONAL CAVING

PMI® Vitas Lanyard

Tough kernmantle rope lanyard for use as a versatile lanyard or rope access cow's tail. Shorter lengths may be used end-to-end, while longer length may be knotted in the middle to create a twin-leg cow's tail. See-through plastic covers make it easy to inspect sewn terminations while hard plastic thimbles protect the inside of the sewn eye.

Key Features:

- 11 mm Dynamic Rope
- Clear Stitch Protectors
- Hard Plastic Thimbles
- Super durable

Length	Weight		
17.50" (44.5 cm)	3.0 oz (84 g)	SG51277	\$19.00
32.5" (82.6 cm)	4.0 oz (112 g)	SG51278	\$21.00
59.0" (1.50 m)	5.7 oz (163 g)	SG51279	\$27.00

COMPLIANT CE EN 354 EN 795B



ROPES COURSE

ROPE ACCESS

CAVE RESCUE

RECREATIONAL CAVING

GLOBAL

PMI® Caver's Cows Tail

Use this personal connection/positioning strap in ascending systems, or as a safety on a traverse line, or at a belay station. Requires carabiners for proper use.

Key Features:

- Made from ½" nylon webbing
- Short leg: 11"
- Long leg: 21"

Weight: 2.7 oz (77 g) » MBS: Static Load Limit: 589 lbf » MBS (fully extended): 3890 lbf »

Shock Load: Factor 2, short leg: 1984 lbf | Factor 2, long leg: 2860 lbf

Blue

SG51048

\$28.00



CAVE RESCUE

RECREATIONAL CAVING

ROPES COURSE

Lanyards

PMI® Deltic Adjustable Lanyard

Kernmantle rope lanyard with micro-clutch adjuster offers security and ease of use for positioning and restraint.

Key Features:

- Easy to grip
- Low Stretch Rope
- Reinforced Eye
- 11.5 mm Kernmantle
- Sewn Termination

Length	Weight		
2 m (6.6 ft)	1.26 lbs (570 g)	SG51275	\$98.00
5 m (16.4 ft)	1.75 lbs (795 g)	SG51276	\$110.00

COMPLIANT CE EN 358



ROPE ACCESS
TOWER WORK
UTILITIES SAFETY
ARBORIST
GLOBAL

Rope
Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

Patient
Care

Logistics and
Support Gear

Training and
Education



PMI® Intercept Single Lanyard

Durable kernmantle construction with an integral energy absorber to meet EN 355 and EN 362 standards. Removable cover for thorough inspection, and a unique serial number for maximum traceability.

Key Features:

- Low Stretch 11.5 mm rope
- Sewn eye
- Stoppered end
- Integral Energy Absorber
- Removable Energy Absorber Cover
- Unique serial number

Length: 1.8 m (5.9 ft) » Weight: 2.07 lbs (937 g)

SG51274 \$126.00

COMPLIANT CE EN 355 EN 362

ROPES COURSE
GLOBAL

PMI® Intercept Twin Lanyard

Twin lanyard for fall arrest with an integral energy absorber and lightweight aluminum hooks. Complies with EN 355 and EN 362 standards, offering offers maximum protection for passing intermediate anchors.

Key Features:

- Low Stretch 11.5 mm rope
- Lightweight Aluminum hooks
- Unique serial number
- Integral Energy Absorber
- Removable Energy Absorber Cover

Length	Weight		
.75 m (2.5 ft)	3.00 lbs (1.357 kg)	SG51272	\$162.00
1.5 m (4.9 ft)	3.24 lbs (1.469 kg)	SG51273	\$164.00

COMPLIANT CE EN 355 EN 362



FALL PROTECTION
ROPE RESCUE
GLOBAL

Rope is better than webbing for lanyards because it has a greater inherent force absorption, and better abrasion resistance.

Helmets

Helmet Selection and Fit

Helmets provide critical protection when working at height, whether from impact during a fall or from dropped items from above. Choosing the right helmet for the job is a matter of protection, compliance and comfort. PMI offers only helmets with 3 or 4 point retention systems that ensure the helmet stays put even during a tumbling fall.

A comfortable, well-fitting helmet that is designed specifically for vertical work is essential. Helmets must have a secure chin strap and a three-point suspension to keep the helmet on the head when it is needed most. A three point suspension refers to a helmet with webbing support points on both sides of the helmet and at the rear. The chin strap should also be designed so that a relatively high force is required to cause a release.

HELMET	TECHNICAL RESCUE	URBAN SAR	SEARCH AND RESCUE	WORK AT HEIGHT	CONFINED SPACE	WATER RESCUE
PMI® Falcon	X		X	X		
PMI® Brigade Rescue	X	X	X		X	
PMI® Advantage	X	X		X		
PMI® Current						X
PMI® USAR		X				
PMI® Ventilator	X		X	X		
PMI® POD				X	X	

Best Seller!

PMI® Advantage

The most widely acclaimed helmet for USAR operations worldwide, this NFPA certified Kevlar® reinforced composite helmet is easy to clean and outperforms thermoplastic helmets in both protection and durability. Longitudinal ridge deflects top impacts, while adjustable headband and webbing suspension maximize adjustability and promote air flow.

Key Features:

- Light-weight Kevlar® reinforced composite shell
- UV-resistant
- Hi-gloss paint finish
- Removable Headband
- 4-point retention system
- Ratchet headband
- Nylon webbing cradle
- Top deflector ridge
- Nape strap

Size: **One Size** » Head Circumference: **52 - 64 cm** » Weight: **1.25 lbs (567 g)**

Orange HL33011	Red HL33012	Blue HL33013	White HL33014	Matte Black HL33035	\$198.00
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COMPLIANT NFPA 1951 (2013) CE EN 397 AS/NZS 1801 ANSI Z89.1 TYPE 1 CLASS G



Replacement Chin Strap
HL33019 \$20.00

Replacement Suspension System
HL33020 \$28.00



PMI® Advantage Fluorescent Green

This fluorescent green safety helmet provides maximum protection and visibility during disaster operations and other low light operations. With a ratchet headband and four point retention system, along with the Advantage signature longitudinal ridge to deflect top impacts, the comfort and protection offered by this highly adjustable Kevlar® reinforced composite helmet cannot be beat.

Key Features:

- Light-weight Kevlar® reinforced composite shell
- UV-resistant
- Hi-gloss paint finish
- Removable Headband
- 4-point retention system
- Ratchet headband
- Nylon webbing cradle
- Top deflector ridge
- Nape strap

Size: **One Size** » Head Circumference: 52 - 64 cm »
Weight: 1.25 lbs (567 g)

HL33018 \$224.00

COMPLIANT NFPA 1951 (2013) CE EN 397 AS/NZS 1801 ANSI Z89.1 TYPE 1 CLASS G



- ROPE ACCESS
- TOWER WORK
- FIRE RESCUE
- ROPE RESCUE
- CONFINED SPACE
- GLOBAL

PMI® Pod

Versatile, light weight Kevlar® composite helmet for confined space and vertical work provides better protection and comfort than thermoplastics. Built-in light-pod accepts UK4AA light, or can be closed with cover (provided).

Key Features:

- Kevlar® reinforced composite
- Comfortable Ratchet Headband
- Three Point Retention System
- Flashlight pod
- Use 10 mm Screw-Link to close front

Size: **One Size** » Head Circumference: 52 - 64 cm »
Weight: 1.25 lbs (567 g)

Best Seller!

Red White
HL33025 HL33026 \$226.00

COMPLIANT CE EN 397 AS/NZS 1801 ANSI Z89.1 TYPE 1 CLASS G



- ROPE ACCESS
- TOWER WORK
- FIRE RESCUE
- ROPE RESCUE
- CONFINED SPACE
- GLOBAL

Light sold separately. See the UK4AA Light on page 59.

Helmets

Rope

Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

Patient
Care

Logistics and
Support Gear

Training and
Education



Special Order!

USAR Helmet

Kevlar® and composite shell offers temperature resistance (up to 600F) without distorting or melting, while the full head polyurethane liner offers increased thermal and impact protection, allowing this helmet to be fully certified to NFPA 1951 Rescue and Recovery Technical Rescue Protective Helmet standard.

Key Features:

- Kevlar® and composite shell
- Gloss Paint finish
- Easy to Clean
- Ratchet headband
- 3-point retention
- Nomex® chin strap

Size: One Size » Head Circumference: 52 - 64 cm »

Weight: 2 lbs (907 g)



Yellow HL33039	Black HL33041	Red HL33038	White HL33037	\$399.00
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COMPLIANT NFPA 1951 (2013) CE EN 443 AS/NZS 1801 ANSI Z89.1 TYPE 2 CLASS G



PMI® Brigade Rescue

Professional rescue helmet for fire department, paramedic, and other technical rescue operations. High gloss UV resistant shell is easy to clean and outperforms thermoplastic helmets in both protection and durability. Ratcheted headband adjusts quickly, while the four-point polyester retention system and chin strap keeps the helmet securely on your head when you need it most.

Key Features:

- Lightweight Kevlar® and fiberglass composite shell
- UV-resistant paint finish
- Removable merino wool Headband
- Nape strap
- Ratchet adjustment
- 4-point polyester retention system

Size: One Size » Head Circumference: 52 - 64 cm » Weight: 1.52 lbs (690 g)

White HL33086	Red HL33085	Matte Black HL33087	\$279.00
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COMPLIANT NFPA 1951 (2013) CE EN 397 AS/NZS 1801 ANSI Z89.1 TYPE 1 CLASS G



- ROPES COURSE
- RECREATIONAL CAVING
- CAVE RESCUE
- ROPE ACCESS
- ROPE RESCUE
- TOWER WORK
- OUTDOOR CLIMBING
- GLOBAL

Best Seller!

PMI® Falcon

Comfortable, highly-adjustable helmet for search-and-rescue or group use offers a ratcheted headband and four-point retention system for secure fit. Mesh-covered vents in helmet shell allows air to circulate but prevents debris from entering. Moisture-wicking headband may be removed for cleaning.

Key Features:

- Light weight
- Wide Range of Adjustment
- 4 point retention system
- Removable headband liner
- Ventilated
- Headlamp/goggle clips
- Quick-adjust ratchet

Size: One Size » Head Circumference: 51 - 62 cm (20 in - 24.4 in)
» Weight: 13.0 oz (375 g)

Red	White	
HL33083	HL33084	\$79.95

COMPLIANT CE EN 397



PMI® Ventilator

Kevlar reinforced composite helmet with a closable ventilation outperforms thermoplastic helmets for protection, cooling, and cleaning. Designed for work and rescue applications where ANSI, NFPA, or CE certification is required.

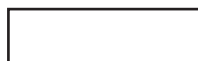
Key Features:

- Kevlar Reinforced composite shell
- Three point chinstrap
- Headlamp retainer
- Reflectors
- Fully adjustable

Size: One Size » Head Circumference: 52 - 64 cm »
Weight: 1.13 lbs (510 g)

White	Red	
HL33069	HL33068	\$215.00

COMPLIANT CE EN 397 AS/NZS 1801 ANSI Z89.1 TYPE 1 CLASS G



- ROPE RESCUE
- TOWER WORK
- ROPE ACCESS
- GLOBAL

Helmet Accessories

X-tricator Goggles

Primary eye protection that can be stored in a pocket and deployed using the Snap-On/ Snap-Off™ helmet mount system in seconds. Closed-cell face padding for comfort and durability, and open cell vent foam for filtered ventilation. Meets impact requirements of US MII-V-43511C. Use optional mounting brackets to attach to any helmet.

Key Features:

- Snap-on Brackets
- Durable Face Padding
- Fits Over Glasses
- 2 tear-off lens covers
- Speed-Clip Straps
- Easy to Clean
- 2.6 mm Lenses

Weight: w/Mount 8.5 oz (176 g), w/o Mount 5 oz (142 g)

Screw, snap on mount HL33021 \$49.50

COMPLIANT ANSI Z87.1-03 CE EN 166 (B)

Nomex® Sleeve

The ESS Innerzone Nomex® Heat Sleeve™ helps protect the goggles from the elements when not being worn, keeping them clean, scratch free, and buffered from heat.

Key Features:

- Nomex®
- Fits X-Tricator Goggles

HL33029 \$20.00

COMPLIANT NFPA 1971 (2013)



FIRE RESCUE

ROPE RESCUE

CONFINED SPACE

GLOBAL

Peltor Hi Viz Ear Muffs

Low-profile earmuffs mount firmly to helmet to provide comfortable, unparalleled hearing protection. (Mounting Clips required for PMI helmets)

Key Features:

- 23 Decibel Noise Reduction Rating
- Liquid/foam filled cushions
- Universal mounting attachment
- Pivot points tilt for comfort and efficiency
- Ultra light
- Bright color for visibility

Weight: 11.0 oz (312 g)

Peltor Hi Viz Ear Muffs

HL33042 \$38.00

Ear Muff Mounting Clip Set

HL33045 \$38.25



ARBORIST

Striketeam XTO Goggles

The goggle of choice for wildland firefighting, technical rescue, and EMS, with buffered airflow in the ventilated frame and high filtration of airborne particles and smoke. Meets NFPA 1500 requirements for Primary Eye Protection with comfortable and durable closed cell foam face padding, patented ESS Speed-Clip strap system, and two tear-off lens covers.

Key Features:

- 2.4 mm thick
- Polycarbonate lenses
- Speed-Clip Strap system
- Anti-scratch/anti-fog lens
- Impact Resistant
- Closed cell foam face padding
- Easy to Clean

Weight: 5 oz (142 g)

HL33023 \$42.00

COMPLIANT ANSI Z87.1-03



FIRE RESCUE

ROPE RESCUE

CONFINED SPACE

Providing more than the latest technology, Black Diamond headlamps anticipate your needs, function flawlessly, and offer real innovation. Reliable and lightweight, these headlamps meet the needs of anyone who accidentally - or intentionally - winds up in the dark.

Here are some considerations when choosing a light:

- 1) Lumens - all lights below have a lumen output rating—these headlamps throw bright light far and wide.
- 2) SuperBright LED - Providing brilliant, close-range light for reading and other handy tasks.
- 3) Hybrid power - Mixing Xenon Bulbs with a SuperBright LED creates versatile headlamps that excel at work and play.

Icon

Intrinsically safe, powerful 500 lumen light source with programmable brightness modes and red, green and blue night vision features excels in extremely wet, saltwater, and dusty environments. Removable battery pack with extended cable allows stowage in a pocket to preserve battery life.

Key Features:

- Intrinsically Safe (IP67)
- QuadPower LED Spotlight (500 lumens)
- Removable Battery Pack
- Dimmable
- Power Meter
- Waterproof to 1 M
- DoublePower white LED (500 Lumens)
- Night Vision (red, blue, green)
- Strobe Feature

Weight: 8.1 oz (230 g)

Black **HG32032** **\$99.95**



Spot

Our most popular headlamp for everything from pre-work dawn patrols to late-night rappels after long day, the Black Diamond Spot Headlamp now features 200 lumens of power in a waterproof package. Featuring PowerTap Technology, easy on-the-fly brightness adjustments are literally at the tip of your fingers.

Key Features:

- One TriplePower LED, one SinglePower white LED and one SinglePower red LED emits 200 lumens (max setting)
- Sleek, modern design uses 3 AAA batteries
- Storm proof - tested to withstand rain and sleet from any angle.

Weight: 3.2 oz (90 g)

Aluminum **HG32028** **\$39.95**



Cosmo

Featuring a redesigned waterproof housing and 200 lumens of power, the Black Diamond Cosmo Headlamp is perfect for any adventure. From dinner in camp to alpine starts and late-night hikes, the Cosmo features six different lighting modes. Waterproof construction allows the Cosmo to light the way through sprinkles, splashes and full-on storms.

Key Features:

- One TriplePower LED and one DoublePower white LED emit 200 lumens
- Red night vision has dimming and strobe modes
- Sleek, low-profile design uses three AAA batteries
- Waterproof-can operate up to 1.1 meters underwater for 30 minutes.

Weight: 3.0 oz (87 g)

Matte Black **Aluminum**
HG32030 **HG32029** **\$39.95**



Ion

Intrinsically safe performance in a compact unit that provides up to 100 lumens as well as dimmed, strobe, or night vision capabilities.

Key Features:

- Intrinsically Safe (IPX8)
- Waterproof (1.1 M)
- DoublePower LED (100 Lumens)
- Proximity and Distance Modes
- Strobe
- Red night vision

Weight: 1.9 oz (55 g)

Assorted Colors **HG32033** **\$24.95**

UK4AA Light

Firefighters and industrial workers the world over trust this light for safety. Use as a hand-light or mount to the PMI Pod Helmet for hands-free illumination. Zoom feature uses patented projection optics to create a consistent beam that can be focused from wide to narrow by twisting the bezel, while unique eLED circuitry maintains constant brightness for 80% of alkaline battery life.

Key Features:

- Virtually indestructible
- Burn time 3-4 hrs
- Single high-intensity 2-watt LED
- Easy-loading battery compartment
- Waterproof to 10ft
- Zoom Bezel
- Rubber bezel protector
- ABS and polycarbonate construction.
- Intrinsically Safe (IP67)
- eLED circuitry maintains

Weight: 7 oz (198 g)



Yellow
HG32006 **\$31.99**



Best Seller!

Force 6 Rescuer PFD

High buoyancy rescue vest in a comfortable, streamlined design with five adjustment straps for optimal fit. Ideal for boat- and shore-based operations, including medium to high risk swiftwater environments.

Key Features:

- 28 lbs flotation • Integrated structural harness
- Quick drain mesh interior
- Adjustable Size Radio holder
- Strong Swimmers Belt
- Multiple adjustment points
- High Viz reflective tape
- Two front pockets with drainage
- Fast Tab accessory loops
- Quick Release

Med-Large

Weight: 3.4 lbs (1.500 kg) » Size: Chest Circumference: 32" - 52"

Red

SG51223

\$249.00

X-Large

Weight: 4.1 lbs (1.900 kg) » Size: Chest Circumference: 44" - 62"

Red

SG51224

\$249.00

COMPLIANT IRIA



FIRE RESCUE

ROPE RESCUE

WATER RESCUE

Force 6 RescueTec PFD

Top-of-the-line swiftwater PFD designed for extreme water rescue and public safety operations. Designed with eleven adjustments for customized fit, and an optional leg swim harness to prevent flush drownings.

Key Features:

- 26 lbs flotation
- Large armholes for max mobility
- Quick release throw bag attachments on right and left sides
- Molded extraction handle
- 4 inch hook and loop ID panel on back
- Heavy duty YKK zipper
- Reflective SOLAS tape front and back

Small-Med

Weight: 5.00 lbs (2.268 kg) » Size: Chest Circumference: 28" - 44"

Red

SG51266

\$379.00

Large-XL

Weight: 6.00 lbs (2.722 kg) » Size: Chest Circumference: 38" - 56"

Red

SG51267

\$379.00

COMPLIANT USCG TYPE 5 PROFESSIONAL



WATER RESCUE

WRSI Current Helmet

WRSI has redefined water safety technology with a low-volume design that holds this helmet close to the head while a three-layer impact absorption system and a plush interior deliver unparalleled comfort and protection. An advanced Interconnect Retention System combined with the adjustable O-Brace Harness hold the helmet in place under hydraulic forces.

Key Features:

- Multi-impact shell
- EVA foam liner
- polyurethane sub-shell
- Interconnect Retention System
- Three sizes
- Removable padding
- Adjustable O-Brace Harness
- Vented shell

Head Circumference: 53 - 56 cm (Small/Medium),
56 - 59 cm (Medium/Large), 59 - 62 cm (Large/XLarge) » Weight: 1.5 lbs (680 g)



Red Vented

HL33080	Small/Medium	\$93.95
HL33081	Medium/Large	\$93.95
HL33088	Large/XLarge	\$93.95

COMPLIANT CE EN 358



PMI® Throw Bag with Economy Rescue Rope

PMI's Economy Throw Rope pre-stuffed into a light weight nylon throw bag with flotation disc, drain hole, and instructions printed on the outside.

Key Features:

- Lightweight Nylon Bag
- Pre-tied terminations
- Flotation disc
- Drain hole
- Instructions printed on Bag

10 mm - 15 m (50 ft)

MBS: 8 kN (1798 lbf) » Weight: 1.3 lbs (590 kg)

KT36024 \$42.00

10 mm - 23 m (75 ft)

MBS: 8 kN (1798 lbf) » Weight: 1.8 lbs (816 g)

KT36020 \$46.00



See page 23 for additional water rescue ropes.

WATER RESCUE

WATER RESCUE

PMI® H2-Throw

Simple, old-school water-rescue throw-bag packs and throws with ease. Inside loop and cord-lock opening secures rope at the ready. Printed instructions on bag exterior.

Key Features:

- Lightweight nylon bag
- Pre-tied rope terminations
- Flotation disc inside bag
- Rigged and ready to go
- Bags also sold separately

7 mm - 23 m (75 ft)

MBS: 8 kN (1798 lbf) » Weight: 1.7 lbs (789 g)

KT36021 \$75.00

10 mm - 15 m (50 ft)

MBS: 16 kN (3597 lbf) » Weight: 2.31 lbs (1.043 kg)

KT36023 \$70.00

10 mm - 23 m (75 ft)

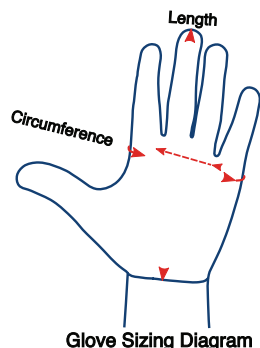
MBS: 16 kN (3597 lbf) » Weight: 3.63 lbs (1.656 kg)

KT36019 \$90.00

Gloves

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	
X-SMALL			Circumference	Max Length
Fingerless	4.3 oz (121 g)	Goatskin and Cowhide	7.0" - 7.5"	
Rope Tech	7.9 oz (224 g)	Synthetic Leather and Cowhide	7.0" - 7.5"	7.25"
SMALL			Circumference	Max Length
Fingerless	4.7 oz (133 g)	Goatskin and Cowhide	7.5" - 8.0"	
Rope Tech	7.9 oz (224 g)	Synthetic Leather and Cowhide	7.5" - 8.0"	7.5"
Lightweight Rappel	4.7 oz (133 g)	Goatskin and Cowhide	7.5" - 8.0"	7.5"
Heavyweight	7.9 oz (224 g)	Cowhide	7.5" - 8.0"	7.5"
Tactical	7.9 oz (224 g)	Cowhide	7.5" - 8.0"	7.5"
MEDIUM			Circumference	Max Length
Fingerless	4.7 oz (133 g)	Goatskin and Cowhide	8.0" - 8.75"	
Rope Tech	9.0 oz (255 g)	Synthetic Leather and Cowhide	8.0" - 8.75"	7.75"
Lightweight Rappel	4.7 oz (133 g)	Goatskin and Cowhide	8.0" - 8.75"	7.75"
Heavyweight	9.3 oz (264 g)	Cowhide	8.0" - 8.75"	7.75"
Tactical	9.0 oz (225 g)	Cowhide	8.0" - 8.75"	7.75"
LARGE			Circumference	Max Length
Fingerless	5.3 oz (150 g)	Goatskin and Cowhide	8.75" - 9.50"	
Rope Tech	9.1 oz (258 g)	Synthetic Leather and Cowhide	8.75" - 9.50"	8.0"
Lightweight Rappel	5.3 oz (150 g)	Goatskin and Cowhide	8.75" - 9.50"	8.0"
Heavyweight	9.5 oz (269 g)	Cowhide	8.75" - 9.50"	8.0"
Tactical	9.1 oz (258 g)	Cowhide	8.75" - 9.50"	8.0"
X-LARGE			Circumference	Max Length
Fingerless	5.7 oz (162 g)	Goatskin and Cowhide	9.50" - 10.50"	
Rope Tech	10.1 oz (286 g)	Synthetic Leather and Cowhide	9.50" - 10.50"	8.25"
Lightweight Rappel	5.7 oz (162 g)	Goatskin and Cowhide	9.50" - 10.50"	8.25"
Heavyweight	9.6 oz (272 g)	Cowhide	9.50" - 10.50"	8.25"
Tactical	10.1 oz (286 g)	Cowhide	9.50" - 10.50"	8.25"
XX-LARGE			Circumference	Max Length
Rope Tech	10.5 oz (298 g)	Synthetic Leather and Cowhide	10.50" - 12.0"	8.50"
Lightweight Rappel	5.7 oz (162 g)	Goatskin and Cowhide	10.50" - 12.0"	8.50"

Best Seller! PMI® Fingerless Belay Gloves - White/Tan

Pliable goatskin base contains lanolin to keep the gloves supple, while durable cowhide protects the rope-path across the palm. Snug fitting glove is easily removed with innovative leather pull-tab between fingers.

Key Features:

- Optimal protection
- Lightweight
- Soft goatskin base
- Quick-Removal Tab
- Tough cowhide palm

X-Small

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

GL22401 \$36.50

Small

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

GL22402 \$36.50

Medium

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

GL22403 \$36.50

Large

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

GL22404 \$36.50

X-Large

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

GL22405 \$36.50

Best Seller! PMI® Rope Tech Gloves - Tan

Hand protection and finger dexterity in an ultra-lightweight design that is great for knot tying and other rigging work. Layers of synthetic leather and cowhide protect rope wear points.

Key Features:

- Synthetic leather palm base
- Ergonomically shaped
- Elastic cuff with pull-tab and Velcro® closure
- Cowhide across the palm
- Spandex on top and fingers
- Cowhide at finger wear points
- Carabiner loop inside

X-Small

Weight: 7.9 oz (224 g) »
Circumference: 7.0" - 7.5" » Max Length: 7.25"

GL22301 \$42.00

Small

Weight: 7.9 oz (224 g) »
Circumference: 7.5" - 8.0" » Max Length: 7.5"

GL22302 \$42.00

Medium

Weight: 9.0 oz (255 g) »
Circumference: 8.0" - 8.75" » Max Length: 7.75"

GL22303 \$42.00

Large

Weight: 9.1 oz (258 g) »
Circumference: 8.75" - 9.5" » Max Length: 8.0"

GL22304 \$42.00

X-Large

Weight: 10.1 oz (286 g) »
Circumference: 9.5" - 10.5" » Max Length: 8.25"

GL22305 \$42.00

XX-Large

Weight: 10.5 oz (298 g) »
Circumference: 10.5" - 12.0" » Max Length: 8.5"

GL22306 \$42.00

Best Seller! PMI® Stealth Tech Gloves - Black

Ergonomically shaped synthetic glove fits snugly through the fingers and across the palm while additional layers of synthetic leather and cowhide provide protection on the palm and across the fingers where rope wear occurs.

Key Features:

- Synthetic leather palm base
- ergonomically shaped
- All-black
- Cowhide top layer
- Spandex on top and fingers
- Elastic cuff with pull-tab and Velcro closure
- Cowhide at base of fingers
- Carabiner loop inside

X-Small

Weight: 7.9 oz (224 g) »
Circumference: 7.0" - 7.5" » Max Length: 7.25"

GL22501 \$42.00

Large

Weight: 9.1 oz (258 g) »
Circumference: 8.75" - 9.5" » Max Length: 8.0"

GL22504 \$42.00

Small

Weight: 7.9 oz (224 g) »
Circumference: 7.5" - 8.0" » Max Length: 7.5"

GL22502 \$42.00

X-Large

Weight: 10.1 oz (286 g) »
Circumference: 9.5" - 10.5" » Max Length: 8.25"

GL22505 \$42.00

Medium

Weight: 9.0 oz (255 g) »
Circumference: 8.0" - 8.75" » Max Length: 7.75"

GL22503 \$42.00

XX-Large

Weight: 10.5 oz (298 g) »
Circumference: 10.5" - 12.0" » Max Length: 8.5"

GL22506 \$42.00

ROPE ACCESS

ROPE RESCUE

FALL PROTECTION

TOWER WORK

WILDERNESS RESCUE

TACTICAL

THEATER

ROPE ACCESS

ROPE RESCUE

FALL PROTECTION

TOWER WORK

WILDERNESS RESCUE

Gloves

Rope

Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

Patient
Care

Logistics and
Support Gear

Training and
Education



Best Seller!

PMI® Lightweight Rappel Gloves - White/Tan

PMI®'s original rope glove, still a best seller. Light-weight, pliable goatskin provides excellent finger dexterity, while two layers of cowhide across the palm protect from rope wear.

Key Features:

- Goatskin base for dexterity
- finger skirt
- Two extra layers of cowhide on palm
- Protection extends through thumb crotch

Small

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

GL22002 \$39.00

Medium

Weight: 4.7 oz (133 g) »
Circumference: 8.0" - 8.75" » Max Length: 7.75"

GL22003 \$39.00

Large

Weight: 5.3 oz (150 g) »
Circumference: 8.75" - 9.5" » Max Length: 8.0"

GL22004 \$39.00

X-Large

Weight: 5.7 oz (162 g) »
Circumference: 9.5" - 10.5" » Max Length: 8.25"

GL22005 \$39.00

XX-Large

Weight: 5.7 oz (162 g) »
Circumference: 10.5" - 12" » Max Length: 8.5"

GL22006 \$39.00

Best Seller! PMI® Heavyweight Gloves - Tan

Thick split-cowhide construction throughout, with an additional layer of cowhide across the palm for heat- and wear- resistance.

Key Features:

- Durable Cowhide throughout
- Two extra layers across palm
- Protection extends through thumb-notch
- Finger-skirt

Small

Weight: 7.9 oz (224 g) »
Circumference: 7.5" - 8.0" » Max Length: 7.5"

GL22100 \$36.00

Medium

Weight: 9.3 oz (264 g) »
Circumference: 8.0" - 8.75" » Max Length: 7.75"

GL22101 \$36.00

Large

Weight: 9.5 oz (269 g) »
Circumference: 8.75" - 9.5" » Max Length: 8.0"

GL22102 \$36.00

X-Large

Weight: 9.6 oz (272 g) »
Circumference: 9.5" - 10.5" » Max Length: 8.25"

GL22103 \$36.00



Best Seller! PMI® Tactical Gloves - Black

For heavy-duty tactical use and theatrical rigging, this thick split cowhid glove provides maximum protection.

Key Features:

- All Black
- Split cowhide
- 3 layers of cowhide across the palm

Small

Weight: 7.9 oz (224 g) »
Circumference: 7.5" - 8.0" » Max Length: 7.5"

GL22200 \$36.00

Medium

Weight: 9.0 oz (255 g) »
Circumference: 8.0" - 8.75" » Max Length: 7.75"

GL22201 \$36.00

Large

Weight: 9.1 oz (258 g) »
Circumference: 8.75" - 9.5" » Max Length: 8.0"

GL22202 \$36.00

X-Large

Weight: 10.1 oz (286 g) »
Circumference: 9.5" - 10.5" » Max Length: 8.25"

GL22203 \$36.00



TACTICAL

THEATER

PMI® Radio Harness

Adjustable radio compartment fits larger sized and older radios, holding the antenna upright for best performance while the cargo pocket holds a small notepad, compass, or other accessories. Straps adjust to fit over bulky clothing.

Key Features:

- Bellows cargo pouch
- Pen pocket
- Adjustable Radio compartment
- Twin antenna keepers
- Cordura® construction

Weight: 9.5 oz (269 g)

Black
SG51001 \$59.00

FIRE RESCUE

ROPE RESCUE

WILDERNESS RESCUE



MADE IN THE USA

PMI® Stealth Radio Harness

No-bulk, adjustable design holds your radio at an angle to keep the antenna from poking up your nose while a secondary pouch holds a GPS or cell-phone. Large pocket between layers with hook-and-loop closure.

Key Features:

- Antenna keeper
- Large pocket
- Pen pocket
- Lanyard Grommets
- Adjustable radio pocket
- GPS/cell phone pocket
- Reflective tabs

Width: 8.50" (21.6 cm) »

Length: 9.00" (22.9 cm) »

Weight: 6.4 oz (181 g) »

Torso Strap Circumference:
48" (stretchy elastic)

Black
SG51185 \$55.00

FIRE RESCUE

ROPE RESCUE

WILDERNESS RESCUE

PMI® Two Toned Cap

Stylish two-tone cap in 100% cotton for cool comfort. Adjustable headband.

Key Features:

- 100 % Cotton
- Adjustable
- One-Size

One Size	Red/Black SP55131	\$7.25
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PMI® Rope Key Chain

Created a loop out of PMI rope sheath, along with a shrink tube end for durability.

	Assorted Colors	
Static Rope	SP55017	\$1.50
Dynamic Rope	SP55018	\$1.50



PMI® Twill Cap

Prewashed heavyweight 100% cotton twill cap with Velcro® closure and PMI® logo. Choose Gold or Pewter

Key Features:

- 100 % Cotton
- Prewashed
- Adjustable
- Low Profile
- One-Size

Pewter	SP55058	\$7.25
Gold	SP55059	\$7.25



PMI® Rope Technician Shirt

Take pride in your work with this 100% cotton jersey comfort-wear T-shirt. Rope Technician screen print on back, PMI logo on front.

Key Features:

- Screen printed
- 100% cotton

	Graphite	
Medium	SP55069	\$9.50
Large	SP55070	\$9.50
X-Large	SP55071	\$9.50
XX-Large	SP55072	\$11.50

PMI® Double Dry® Shirt

Moisture control is just the beginning. This Double Dry® Champion® PMI® Logo T Shirt features odor resistance, too.

Key Features:

- Feather light
- Anti-microbial finish
- Contrast stitching
- Wicking fabric
- Comfortable Raglan sleeve
- Three needle tailoring

	Navy	
Medium	SP55118	\$19.00
Large	SP55119	\$19.00
X-Large	SP55120	\$19.00
XX-Large	SP55121	\$20.00



Hardware

Just as rope provides the foundation of your system, hardware drives the functionality. PMI selects the finest tools available, balancing the qualities of innovative design with reliability, and long term durability. Our commitment to relationships with quality manufacturers like SMC, ISC, DMM, Pensafe, and ClimbTech are based on their commitment to the industry and, ultimately, to your safety. When you choose hardware from PMI, you are choosing the best.

Carabiner Selection

Find the right carabiner that meets all of your work and rescue specifications.

CARABINER	TECHNICAL RESCUE	SEARCH AND RESCUE	FIRE RESCUE	WORK AT HEIGHT	CONFINED SPACE	CLIMBING/ MOUNTAINEERING	CAVING	GYM/CHALLENGE COURSE
Pensafe KwikLock	X		X	X				
Pensafe LockSafe	X			X				
DMM Steel Boa Locksafe				X				X
SMC Lite Alloy Steel, Zinc Plated, NFPA, Locking Carabiner	X		X		X			
SMC Lite Stainless Steel, Locking Carabiner	X					X		X
SMC FP Lite Alloy	X		X	X	X			
SMC DualGuard	X		X					X
SMC TriGuard	X		X					X
SMC Kinetic	X	X	X			X		
SMC Kinetic Dual Lock	X	X	X		X	X		X
SMC Light D, Non-Locking		X				X	X	
SMC Mountain D, Non-Locking		X				X	X	
SMC Locking D	X	X	X			X	X	
SMC Oval, Non-Locking		X				X		
SMC XL Steel Locking D	X		X	X	X			X
SMC CrossOver	X	X	X		X	X	X	X
SMC Large Steel Locking	X		X		X			X
SMC Large Locking D, Aluminum	X	X				X		

Carabiners and Connectors

SMC CrossOver Series **MADE IN THE USA**

These CrossOver carabiners feature an ergonomic design for easy single hand operations.

Key Features:

- Lightweight
- Available with 2 or 3 step autolocking gates or a traditional screw-lock

Width: 3.35" (8.5 cm) » Length: 5.53" (14.0 cm) »
Major Axis MBS: 40 kN (8992 lbf) » Minor Axis MBS: 16 kN (3600 lbf) »
Gate Open MBS: 18 kN (4046 lbf) » Gate Opening: 1.00" (25.4 mm)

Tri-Lock (top)

Blue	5.5 oz (156 g)	SM205700N	\$37.00
Black	5.5 oz (156 g)	SM205707N	\$37.00

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), G

Dual-Lock (not shown)

Blue	5.5 oz (156 g)	SM205600N	\$37.00
Black	5.5 oz (156 g)	SM205607N <i>Best Seller!</i>	\$37.00

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), G

Screw-Lock (bottom)

Blue	5.1 oz (145 g)	SM205500N	\$33.00
Black	5.1 oz (145 g)	SM205507N	\$33.00

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), G



ARBORIST
FIRE RESCUE
ROPE RESCUE
ROPE ACCESS



MADE IN THE USA

SMC Auto-Locking Lite Alloy Steel

This carabiner is easily opened with one hand, but once released, the gate closes to a fully locked position. The carabiner gate and sleeve are stainless steel for problem-free operation.

Key Features:

- Offset "D" shape
- Stainless Steel spring, pin, and sleeve
- Large working area ideal for use as a munter belay and for clipping over litter rails
- Lite Alloy Steel Body
- 2 step action

Width: 2.76" (7.0 cm) » Length: 4.52" (11.5 cm) »
Weight: 7.0 oz (199 g) » Major Axis MBS: 45 kN (10116 lbf) »
Minor Axis MBS: 12 kN (2697 lbf) » Gate Open MBS: 11 kN (2473 lbf) »
Gate Opening: 0.88" (22.4 mm)

DualGuard	SM102200N <i>Best Seller!</i>	\$41.00
TriGuard	SM102300N	\$41.00

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), G

FIRE RESCUE
CONFINED SPACE
ROPE RESCUE



Best Seller!

SMC FP Lite Alloy **MADE IN THE USA**

The SMC FP Lite Alloy has been specifically designed for all your fall protection needs, with an easy opening Auto Locking gate.

Key Features:

- Excellent strength to weight ratio
- Captive eye pin

Width: 2.91" (7.38 cm) » Length: 4.60" (11.7 cm) » Weight: 9.0 oz (255 g) »
Major Axis MBS: 45 kN (10116 lbf) » Minor Axis MBS: 16 kN (3600 lbf) »
Gate Open MBS: 11 kN (2473 lbf) » Gate Opening: 1.00" (25.4 mm)

SM102100	\$32.00
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BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), G ANSI Z359.12, 2009



FALL PROTECTION
ROPE ACCESS
ROPES COURSE
TOWER WORK
UTILITIES SAFETY
ROPE RESCUE

Carabiners and Connectors

Best Seller!

SMC ANSI Safety Lock

MADE IN THE USA

The SMC ANSI Safety Lock is designed to maximize the strength to weight ratio and is ideal for any situation where security is critical. Locking the sleeve on the gate rather than the body of the carabiner provides greater overall strength and smooth action.

Key Features:

- High strength zinc plated alloy steel

Width: 2.97" (7.5 cm) » Length: 5.04" (12.8 cm) » Weight: 11.5 oz (325 g) » Major Axis MBS: 46 kN (10341 lbf) » Minor Axis MBS: 16 kN (3600 lbf) » Gate Open MBS: 11 kN (2473 lbf) » Gate Opening: 1.20" (30.5 mm)

SM21501 \$55.00

BERRY COMPLIANT

COMPLIANT NFPA 1983 (2017), G ANSI Z359.12, 2009



FALL PROTECTION
UTILITIES SAFETY
TOWER WORK
ROPE ACCESS
ROPE RESCUE

MADE IN THE USA

SMC Large Steel

Large size locking carabiners developed by SMC especially for the needs of the fire and rescue communities. Available in several different metal finishes, as well as in both NFPA (Class G) and non-NFPA versions. Black zinc coated models are ideal for tactical operations and stainless steel model is best for corrosive environments. Large gate opening fits easily over litter rails. All models have stainless gates and locking sleeves for greater strength and reliability.

Key Features:

- Original US made steel rescue carabiner
- Large gate opening
- Stainless steel gate and sleeve

Standard

Width: 2.97" (7.5 cm) » Length: 5.04" (12.8 cm) » Weight: 10.9 oz (309 g) » Major Axis MBS: 46 kN (10341 lbf) » Minor Axis MBS: 18 kN (4046 lbf) » Gate Open MBS: 11 kN (2473 lbf) » Gate Opening: 1.20" (30.5 mm)

Stainless Steel	Natural	SM24001	Best Seller!	\$61.00
Black Stainless Steel	Black	SM24007		\$66.00

BERRY COMPLIANT

NFPA Versions

Width: 2.97" (7.5 cm) » Length: 5.04" (12.8 cm) » Weight: 10.6 oz (300 g) » Major Axis MBS: 46 kN (10341 lbf) » Minor Axis MBS: 16 kN (3600 lbf) » Gate Open MBS: 11 kN (2473 lbf) » Gate Opening: 1.20" (30.5 mm)

NFPA Zinc Plated Steel	SM21001N	Best Seller!	\$36.00
NFPA Black Zinc Plated Steel	SM21007N		\$41.00

NFPA - Heat Treated

Width: 2.97" (7.5 cm) » Length: 5.04" (12.8 cm) » Weight: 10.6 oz (300 g) » Major Axis MBS: 65 kN (14613 lbf) » Minor Axis MBS: 16 kN (3600 lbf) » Gate Open MBS: 18 kN (4046 lbf) » Gate Opening: 1.20" (30.5 mm)

NFPA Heat Treated Steel	SM21002	\$47.00
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BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), G



CONFINED SPACE
FIRE RESCUE
ROPE RESCUE

MADE IN THE USA

SMC Lite Steel

SMC Lite Steel locking carabiners are for those situations where the high strength and durability of SMC Steel Carabiners is desired but the size and weight is not. Increasingly popular among cave and mountain rescuers for providing most of the benefits without the weight and bulk typically associated with steel biners.

Key Features:

- Stainless steel model available
- Stainless steel gate and sleeve

Standard - Stainless Steel

Width: 2.70" (6.9 cm) » Length: 4.52" (11.5 cm) » Weight: 6.0 oz (170 g) » Major Axis MBS: 33 kN (7418 lbf) » Minor Axis MBS: 10 kN (2248 lbf) » Gate Open MBS: 8 kN (1798 lbf) » Gate Opening: 0.94" (23.9 mm)

Stainless	SM100003	Best Seller!	\$44.00
Black	SM100007		\$51.50

BERRY COMPLIANT

NFPA Versions - Lite Alloy Steel

Width: 2.76" (7.0 cm) » Length: 4.52" (11.5 cm) » Weight: 6.6 oz (187 g) » Major Axis MBS: 45 kN (10116 lbf) » Minor Axis MBS: 12 kN (2697 lbf) » Gate Open MBS: 11 kN (2473 lbf) » Gate Opening: 0.94" (23.9 mm)

Bright	SM100001N	Best Seller!	\$36.00
Black	SM100007N		\$39.00

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), G



ROPE RESCUE
CONFINED SPACE
FIRE RESCUE

Carabiners and Connectors

Best Seller!

SMC Extra Large Steel **MADE IN THE USA**

Offset "D" shape fits easily over a standard 1.25" ladder rung, making this carabiner an indispensable tool for the rescue professional. This product is more suited for extra wide clipping than for tight rigging.

Key Features:

- Stainless steel gate and sleeve

Width: 3.50" (8.9 cm) » Length: 5.70" (14.5 cm) » Weight: 12.2 oz (346 g) » Major Axis MBS: 54 kN (12139 lbf) » Minor Axis MBS: 13 kN (2922 lbf) » Gate Open MBS: 14 kN (3147 lbf) » Gate Opening: 1.45" (36.0 mm)

SM20003N

\$43.00

BERRY COMPLIANT

COMPLIANT NFPA 1983 (2017), G

CONFINED SPACE

FIRE RESCUE

ROPE RESCUE



DMM Steel Boa Locksafe

Large HMS-style carabiner has large working area for accommodating multiple pieces of gear..

Key Features:

- Auto-locking gate
- Ideal for use with Münter hitches

Width: 3.25" (8.3 cm) » Length: 4.90" (12.4 cm) » Weight: 10.1 oz (285 g) » Major Axis MBS: 40 kN (8992 lbf) » Minor Axis MBS: 10 kN (2248 lbf) » Gate Open MBS: 12 kN (2698 lbf) » Gate Opening: 0.90" (23.0 mm)

HD26047

\$35.95

COMPLIANT CE EN 362 ANSI Z359.1

TOWER WORK

UTILITIES SAFETY

 **GLOBAL**



COMPLIANCE

Compliance is important: that's why PMI strives to offer products to meet existing NFPA, ANSI, CE, and other standards.

For those working in industrial fall protection, we offer a variety of harnesses, helmets and connectors that are compliant to ANSI standards.

For the professional rescuer, NFPA certification is of course the way to go. And for global certification, CE labeled products would likely meet your needs. Remember to always consult with the certification organization that is most applicable to both your industry and the location where you are rescuing/working.

GATES

Carabiner gates are available in Non-Locking, Manual Locking, and Auto-Locking varieties.

Non-Locking close with a simple spring action and can easily be opened with just a push against the hinged gates. They are NOT recommended for critical application use.

Manual Locking are most often locked with a screw gate sleeve. It requires the user to screw the sleeve closed to lock the gate which then prevents the gate from swinging open accidentally pressed on.

Auto-Locking gates have a spring loaded locking sleeve that turns into place once the gate swings shut. There are two common styles, one that simply twists the sleeve to unlock and then the gate can swing open. The other style requires 3 steps to lift up or pull down on the locking sleeve prior to twisting it to the unlocked position allowing the gate to be swung open.

Carabiners and Connectors

SMC Aluminum Locking D



MADE IN THE USA

Extremely lightweight, this carabiner offers high strength and a large gate opening for functional versatility. The locking sleeve engages the gate rather than the frame to prevent jamming.

Key Features:

- Modified "D" shape
- Locking screw gate
- Aluminum frame
- Stainless steel springs and pins

Standard **Best Seller!**

Width: 2.56" (6.5 cm) » Length: 4.37" (11.1 cm) »

Weight: 2.6 oz (74 g) » Major Axis MBS: 27 kN (6070 lbf) »

Minor Axis MBS: 7 kN (1574 lbf) » Gate Open MBS: 7 kN (1574 lbf) »

Gate Opening: 0.82" (20.8 mm)

Bright SM18501 \$17.00

Black SM18502 \$19.00

BERRY COMPLIANT

NFPA Versions

Width: 2.56" (6.5 cm) » Length: 4.37" (11.1 cm) » Weight: 2.6 oz (74 g) »

Major Axis MBS: 27 kN (6070 lbf) » Minor Axis MBS: 7 kN (1574 lbf) »

Gate Open MBS: 7 kN (1574 lbf) » Gate Opening: 0.82" (20.8 mm)

Bright SM18501N **Best Seller!** \$20.00

Black SM18502N \$23.00

Red SM18505N \$23.00

BERRY COMPLIANT COMPLIANT NFPA 1983 (2017), T



WILDERNESS RESCUE

CAVE RESCUE

FIRE RESCUE

ROPE RESCUE

OUTDOOR CLIMBING

RECREATIONAL CAVING



Quality Gear for Life

SMC Large D Aluminum



MADE IN THE USA

Specially designed for rescue work, the large "D" fits easily over litter rails and has the strength to hold up to any job.

Width: 2.97" (7.5 cm) » Length: 5.04" (12.8 cm) » Weight: 3.8 oz (108 g) »

Major Axis MBS: 34 kN (7643 lbf) » Minor Axis MBS: 11 kN (2473 lbf) »

Gate Open MBS: 10 kN (2248 lbf) » Gate Opening: 1.20" (30.5 mm)

Bright SM25001 \$35.00

Black SM25002 \$39.00

BERRY COMPLIANT COMPLIANT NFPA 1983 (2017), T



FIRE RESCUE

ROPE RESCUE

WILDERNESS RESCUE

SMC Carabiner Captive Eye Clip

Turn any SMC carabiner into a Captive Eye carabiner. Made from strong stainless steel, the SMC Captive Eye Wire Keeper, when installed correctly will hold your rope in place on the carabiner.

Key Features:

- Small Clip fits all SMC Standard Aluminum, Lite Alloy, Lite Steel series carabiners.
- Large Clip fits all SMC Large Aluminum, Large Stainless Steel and Large Steel series carabiners

Small SM11803 \$3.20

Large SM11804 \$3.20



The Captive Eye Clip is easy to add or remove on any SMC Carabiner.

SMC Kinetic Series



The SMC Kinetic Series has been specifically designed to meet all your personal protection requirements. You don't have to sacrifice strength for weight when working at height all day long.

Key Features:

- Keylock nose
- Single hand operation
- Available in screw or auto lock

Width: 2.85" (7.2 cm) » Length: 4.57" (11.6 cm) » Major Axis MBS: 28 kN (6294 lbf) » Minor Axis MBS: 9 kN (2023 lbf) » Gate Open MBS: 8 kN (1798 lbf) » Gate Opening: 0.98" (24.9 mm)

Twist-Lock (top)

Blue	3.2 oz (91 g)	SM103100N	Best Seller!	\$21.00
Black	3.2 oz (91 g)	SM103107N	Best Seller!	\$21.00
Orange	3.2 oz (91 g)	SM103104N		\$21.00

BERRY COMPLIANT

COMPLIANT NFPA 1983 (2017), T



Screw-Lock (bottom)

Blue	2.8 oz (79 g)	SM103000N	Best Seller!	\$18.00
Black	2.8 oz (79 g)	SM103007N		\$18.00
Orange	2.8 oz (79 g)	SM103004N		\$18.00

BERRY COMPLIANT

COMPLIANT NFPA 1983 (2017), T



WILDERNESS RESCUE

FIRE RESCUE

ROPE RESCUE

ROPES COURSE



Rope

Webbing and Cordage

Personal Gear

Hardware

Solutions and Kits

Patient Care

Logistics and Support Gear

Training and Education

Carabiners and Connectors

New! Pensafe A333PS Kwiklock

This auto-locking carabiner with lightweight offset-D aluminum is ideal for a variety of rigging applications.

Key Features:

- Ideal for use with munter or clove hitch
- I-Beam construction
- Excellent strength-to-weight ratio
- Double-action gate

Width: **2.61" (6.6 cm)** »

Length: **4.46" (11.3 cm)** »

Weight: **3.5 oz (99 g)** »

Major Axis MBS: **30 kN (6730 lbf)** »

Minor Axis MBS: **16 kN (3600 lbf)** »

Gate Opening: **0.65" (16.5 mm)**

HD26274

\$28.00

COMPLIANT NFPA 1983 (2017), T ANSI Z359.12, 2009 CSA Z259.12



FALL PROTECTION

FIRE RESCUE

ROPE ACCESS

ROPE RESCUE

GLOBAL

New! Pensafe A847PS Locksafe

This offset-D aluminum carabiner features an extra-large internal volume and gate clearance, making it ideal for rope access and other rigging applications.

Key Features:

- Ideal for use with munter or clove hitch
- I-Beam Construction
- Triple-action gate

Width: **3.03" (7.7 cm)** »

Length: **4.62" (11.7 cm)** »

Weight: **4.1 oz (116 g)** »

Major Axis MBS: **30 kN (6730 lbf)** »

Minor Axis MBS: **16 kN (3600 lbf)** »

Gate Opening: **0.81" (20.6 mm)**

HD26275

\$30.00

COMPLIANT ANSI Z359.12, 2009 CSA Z259.12



FALL PROTECTION

ROPE ACCESS

ROPE RESCUE

GLOBAL



PMI® Paragon Twist-Lock

The ergonomic shape of this aluminum screw gate connector fits nicely in the hand and is easy to open. The wide gate opening and maximum capacity loading area make this a great all-around carabiner.

Key Features:

- Ideal for use with munter or clove hitch

Width: 2.60" (6.6 cm) » Length: 4.21" (10.7 cm) » Weight: 2.3 oz (65 g) »
Major Axis MBS: 26 kN (5845 lbf) » Minor Axis MBS: 8 kN (1798 lbf) »
Gate Open MBS: 6 kN (1349 lbf) » Gate Opening: 0.81" (20.7 mm)

HD26258

\$15.95

COMPLIANT CE EN362-B EN12275 UIAA

OUTDOOR CLIMBING

RECREATIONAL CAVING

ROPES COURSE

ROPE RESCUE

GLOBAL

Best Seller!

PMI® Paragon Auto-Lock

The ergonomic shape of this auto-locking connector offers a wide gate opening and offers maximum capacity in the loading area, while the autolocking gate maintains maximum security.

Key Features:

- Ideal for use with munter or clove hitch

Width: 2.60" (6.6 cm) » Length: 4.21" (10.7 cm) » Weight: 2.3 oz (65 g) »
Major Axis MBS: 26 kN (5845 lbf) » Minor Axis MBS: 8 kN (1798 lbf) »
Gate Open MBS: 6 kN (1349 lbf) » Gate Opening: 0.81" (20.7 mm)

HD26257

\$16.95

COMPLIANT CE EN362-B EN12275 UIAA



ARBORIST

ROPES COURSE

ROPE RESCUE

GLOBAL



Best Seller!

PMI® Prosaic

There's nothing better than a symmetrical carabiner for rigging pulleys in haul systems, and with other components that feature a swiveling side plate.

Key Features:

- Triple action locking gate
- Keylock nose

Width: 2.40" (6.1 cm) » Length: 4.33" (11.0 cm) » Weight: 2.9 oz (82 g) »
Major Axis MBS: 22 kN (5000 lbf) » Minor Axis MBS: 8 kN (1798 lbf) »
Gate Open MBS: 8 kN (1798 lbf)

HD26259

\$18.00

COMPLIANT CE EN362-B EN12275 UIAA

ARBORIST

WILDERNESS RESCUE

ROPE ACCESS

ROPE RESCUE

GLOBAL

Carabiners and Connectors

SMC Oval **MADE IN THE USA**

Keep your gear in order with the traditional SMC Oval. A traditional biner, an excellent choice.

Key Features:

- Aluminum
- Non-Locking

Width: 2.21" (5.6 cm) » Length: 4.26" (10.8 cm) » Weight: 2.2 oz (63 g) »
Major Axis MBS: 20 kN (4496 lbf) » Minor Axis MBS: 7 kN (1574 lbf) »
Gate Open MBS: 6 kN (1349 lbf) » Gate Opening: 0.71" (18.0 mm)

Bright	SM19001	Best Seller!	\$8.00	
Black	SM19002		\$10.00	

BERRY COMPLIANT

OUTDOOR CLIMBING
RECREATIONAL CAVING



SMC Mountain D **MADE IN THE USA**

This easy handling carabiner is a must for all around use. Large enough to organize and manage your rigging.

Key Features:

- Aluminum
- Non-Locking

Width: 2.56" (6.5 cm) » Length: 4.37" (11.1 cm) »
Weight: 2.4 oz (68 g) » Major Axis MBS: 27 kN (6070 lbf) »
Minor Axis MBS: 7 kN (1574 lbf) » Gate Open MBS: 7 kN (1574 lbf) »
Gate Opening: 0.95" (24.1 mm)

Bright	SM18001	\$14.00	
Black	SM18002	\$18.00	

BERRY COMPLIANT

OUTDOOR CLIMBING
RECREATIONAL CAVING



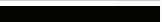
SMC Light D

For an easy clip, the Light "D" has a sleek low profile nose for that quick capture.

Key Features:

- Aluminum
- Non-Locking

Width: 2.21" (5.6 cm) » Length: 3.96" (10.1 cm) »
Weight: 1.7 oz (48 g) » Major Axis MBS: 20 kN (4496 lbf) »
Minor Axis MBS: 8 kN (1800 lbf) » Gate Open MBS: 5 kN (1124 lbf) »
Gate Opening: 0.74" (18.8 mm)

Bright	SM17001	Best Seller!	\$10.75	
Black	SM17002		\$13.50	

BERRY COMPLIANT

OUTDOOR CLIMBING
RECREATIONAL CAVING



SCREW LINKS

Screw links stand up to multi-directional forces better than carabiners.

Key Features:

- Links are stamped with a Working Load Limit (WLL) that is about 1/5 of its rated breaking strength.

ROPE ACCESS

FIRE RESCUE

ROPE RESCUE



Delta		Height	Width	Length	Gate Opening	MBS	Weight	
7 mm Galvanized Steel	HD26079	0.28" (7.0 mm)	2.00" (5.1 cm)	2.48" (6.3 cm)	11/32" (8.5 mm)	20 kN (4400 lbf)	2.0 oz (58 g)	\$8.00
10 mm Aluminum	HD26023	0.44" (10.0 mm)	2.61" (6.6 cm)	3.42" (8.7 cm)	15/32" (12.0 mm)	17 kN (3860 lbf)	2.0 oz (55 g)	\$26.90
10 mm Galvanized Steel	HD26044	0.44" (10.0 mm)	2.61" (6.6 cm)	3.42" (8.7 cm)	15/32" (12.0 mm)	42 kN (9525 lbf)	5.0 oz (153 g)	\$12.30
Half-Moon		Height	Width	Length	Gate Opening	MBS	Weight	
10 mm Galvanized Steel	HD26061	0.44" (10.0 mm)	2.75" (7.0 cm)	3.39" (8.6 cm)	13/32" (10.0 mm)	44 kN (9920 lbf)	5.0 oz (153 g)	\$18.70
Oval		Height	Width	Length	Gate Opening	MBS	Weight	
4 mm Galvanized Steel	HD26231	0.16" (4.0 mm)	0.92" (2.3 cm)	2.09" (5.3 cm)	29/64" (11.4 mm)	7.9 kN (1765 lbf)	0.5 oz (15 g)	\$5.40
5 mm Stainless Steel	HD26150	0.19" (5.0 mm)	1.00" (2.5 cm)	1.95" (4.9 cm)	1/4" (6.5 mm)	22 kN (5000 lbf)	1.0 oz (21 g)	\$13.90
7 mm Galvanized Steel	HD26045	0.28" (7.0 mm)	1.25" (3.2 cm)	2.61" (6.6 cm)	11/32" (8.5 mm)	27 kN (6050 lbf)	2.0 oz (51 g)	\$8.00
10 mm Galvanized Steel	HD26022	0.44" (10.0 mm)	1.75" (4.4 cm)	3.50" (8.9 cm)	15/32" (12.0 mm)	54 kN (12125 lbf)	5.0 oz (137 g)	\$12.10

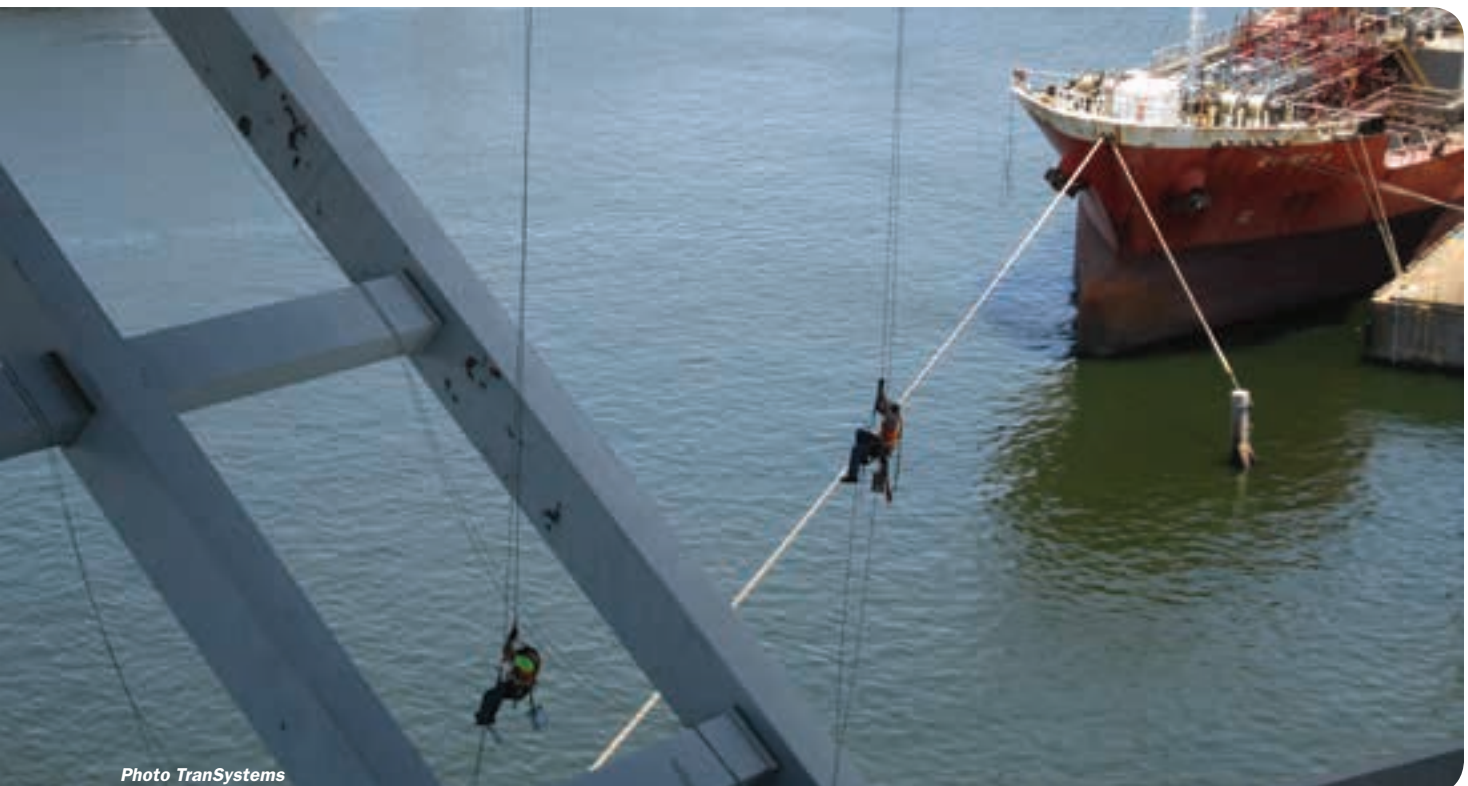


Photo TranSystems

Rope

Webbing and Cordage

Personal Gear

Hardware

Solutions and Kits

Patient Care

Logistics and Support Gear

Training and Education

Pulleys

Rope

Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

Patient
Care

Logistics and
Support Gear

Training and
Education



Best Seller!

SMC Advance Tech HX Pulley **MADE IN THE USA**

The new Advance Tech HX is ideal for all rescue applications where a small mechanical advantage system is being used. The HX is a double pulley with an integrated cam that provides immediate progress capture.

Key Features:

- Made from high quality anodized aluminum
- Supports rope diameters from 7 mm up to 12.5 mm
- Stainless steel pins retain the rope when a rigged system is pre-packed

Height: 1.97" (5.0 cm) » Width: 2.74" (6.9 cm) »
Length: 5.08" (12.9 cm) » Weight: 9.5 oz (270 g) »
MBS: 34 kN (7644 lbf) » Tread: 1.00" »
Sheave: 1.37" Aluminum

Orange/Grey SM154900N \$146.00

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), T

See page 113 for a pre-built kit containing these two pulleys.

ROPE ACCESS **ARBORIST**
TOWER WORK **ROPE RESCUE**
CONFINED SPACE



Best Seller!

SMC Advance Tech Mate **MADE IN THE USA**

The new SMC Advance Tech Mate is a double pulley specifically designed to work with the new Advance Tech HX Pulley in a mini haul system. This new pulley frame design is ideal for using in a compact haul kit. Integrated stainless steel pins help retain the rope when a rigged system is pre-packed in order that the system can be pulled out and used immediately.

Key Features:

- Made from high quality anodized aluminum
- Supports rope diameters from 7 mm up to 12.5 mm
- Stainless steel retaining pins

Height: 1.81" (4.6 cm) » Width: 2.40" (6.1 cm) » Length: 2.97" (7.5 cm) » Weight: 5.4 oz (154 g) »
MBS: 34 kN (7644 lbf) » Tread: 1.00" » Sheave: 1.37" Aluminum

Orange/Grey SM154801N \$81.00

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), T

ARBORIST
ROPE RESCUE
ROPE ACCESS
FIRE RESCUE
CONFINED SPACE

Pulleys

Best Seller!

SMC 3" Prusik Minding Pulley

 **MADE IN THE USA**

The unique shape of SMC's aluminum side plates allow the efficient use of Prusik hitches as a belay or progress capture device. Pulley will accommodate up to 13 mm rope.

Key Features:

- Sealed bearings
- Large top hole easily accepts 3 large carabiners
- Precision machined aluminum side plates and 3" sheaves
- Double pulleys include a becket

	Part No	Tread	Weight	MBS	
Single - Red	SM158000N	2.46"	12.5 oz (354 g)	38 kN (8542 lbf)	\$91.00
Double - Gold	SM158500N	2.46"	1.30 lbs (590 g)	48 kN (10790 lbf)	\$136.00

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), G



ARBORIST
ROPE RESCUE
ROPE ACCESS
FIRE RESCUE
CAVE RESCUE
ROPES COURSE
WILDERNESS RESCUE

Rope
Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

Patient
Care

Logistics and
Support Gear

Training and
Education

SMC 2" Prusik Minding Pulley

 **MADE IN THE USA**

This mid-sized PMP is the perfect choice for rigging with 11 mm (7/16") rope or when you don't have room for a 3" PMP. Pulley will accommodate up to 13 mm rope.

Key Features:

- Precision machined aluminum side plates and 2" sheaves
- Sealed Bearings
- Double pulleys include a becket

	Part No	Tread	Weight	MBS	
Single - Green/Black	SM152700N	1.49"	6.3 oz (179 g)	36 kN (8093 lbf)	\$66.00
Single - Black	SM152701N	1.49"	6.3 oz (179 g)	36 kN (8093 lbf)	\$66.00
Double - Green/Grey	SM152800N	1.49"	10.4 oz (295 g)	46 kN (10341 lbf)	\$103.00
Double - Black	SM152801N	1.49"	10.4 oz (295 g)	46 kN (10341 lbf)	\$103.00

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), G



ARBORIST
ROPE RESCUE
ROPE ACCESS
FIRE RESCUE
CAVE RESCUE
WILDERNESS RESCUE

SMC Swiftwater Pulley

 **MADE IN THE USA**

In recognition of the unique requirements found in swiftwater rescue, this aluminum pulley features a series of holes in the side plates to help to minimize any hydroplaning.

Key Features:

- Lightweight aluminum
- 2" Aluminum sheave
- Sealed bearings
- Accepts ropes up to 1/2"

Height: 1.37" (3.5 cm) » Width: 3.00" (7.6 cm) » Length: 4.00" (10.2 cm) »
Weight: 6.0 oz (170 g) » MBS: 34 kN (7786 lbf)

Red SM147000 \$44.00

BERRY COMPLIANT **COMPLIANT** UIAA 127 EN 12278 NFPA 1983 (2017), T  **GLOBAL**



WATER RESCUE
FIRE RESCUE
ROPE RESCUE
WILDERNESS RESCUE

Pulleys

SMC Micro Prusik Minding Pulley



Just the thing for smaller ropes and lighter loads, SMC's Micro PMP's are ideal for building a mini haul rig or anywhere that a compact lightweight system is needed. Double version is designed with a becket to accommodate compound and complex pulley systems. Max rope diameter 13 mm.

Key Features:

- Precision machined aluminum side plates and 1.37" sheaves
- Sealed Ball Bearings
- Double pulleys include a becket

	Part No	Tread	Weight	MBS	
Single - Red	SM153000N	1.00"	3.5 oz (99 g)	22 kN (5000 lbf)	\$44.00
Single - Black	SM153001N	1.00"	3.5 oz (99 g)	22 kN (5000 lbf)	\$44.00
Double - Gold	SM154000N	1.00"	5.8 oz (164 g)	40 kN (8992 lbf)	\$87.00
Double - Black	SM154001N	1.00"	5.8 oz (164 g)	40 kN (8992 lbf)	\$87.00

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), T



Quality Gear for Life



ARBORIST
RECREATIONAL CAVING
CAVE RESCUE
WILDERNESS RESCUE
FIRE RESCUE
CONFINED SPACE

SMC JR Pulley



These mini pulleys have the required prusik minding capability for use in a haul system and is simple to use and easy to carry into the field. Max Rope diameter for the CR is 13 mm. Max rope diameter for the JR and JRB is 9 mm. The CR pulley is a single pulley, while the JR and JRB pulleys are double pulleys.

Key Features:

- 1.2" Nylon sheave
- Aluminum rotating side plates with zinc coated axle
- CR single pulley has max rope diameter of 13 mm
- JR and JRB double pulleys have max rope diameter of 9 mm

	Part No	Tread	Weight	MBS	
JR Blue (shown on the right w/o becket)	SM159300	0.83"	3.2 oz (89 g)	22 kN (5000 lbf)	\$34.95
JR Black (not shown)	SM159301	0.83"	3.2 oz (89 g)	22 kN (5000 lbf)	\$34.95
JRB Blue (shown on the right with becket)	SM159200	0.83"	3.3 oz (94 g)	22 kN (5000 lbf)	\$34.95
JRB Black (not shown)	SM159201	0.83"	3.3 oz (94 g)	22 kN (5000 lbf)	\$34.95

BERRY COMPLIANT **COMPLIANT** UIAA 127 EN 12278 **GLOBAL**



RECREATIONAL CAVING
CAVE RESCUE
WILDERNESS RESCUE
ROPE RESCUE

See page 114-115 for pre-built kits containing these pulleys.



Best Seller!

SMC CRx Pulley



The SMC CRx (Crevasse Rescue) Pulley is a diminutive pulley yet extremely strong and efficient which is ideal for use in a 2-to-1 C-system or as a 3-to-1 Z-system and includes prusik minding capability. It also has color-contrasting aluminum rotating side plates for simple rope insertion and removal.

Key Features:

- Made from anodized aluminum
- Supports rope diameters up to 1/2 inch (13 mm)
- Stainless steel rivet axle, nylon sheave

Height: 1.07" (2.7 cm) » Width: 1.75" (4.4 cm) » Length: 2.70" (6.9 cm) »
Weight: 1.8 oz (52 g) » MBS: 22 kN (5000 lbf)

Blue	SM157300	\$15.95
Orange	SM157303	\$15.95

BERRY COMPLIANT

ARBORIST
ROPE RESCUE
RECREATIONAL CAVING
CAVE RESCUE
WILDERNESS RESCUE

SMC TR Pulley



The TR Pulley is strong, reliable compact, and lightweight. It is reasonably priced but doesn't sacrifice efficiency. Great performance for its size and cost. The TR Pulley has a true Oilite Bearing on a zinc coated axle for reliable performance.

Key Features:

- Lightweight aluminum
- 1.20" Aluminum sheave
- Oilite bearings
- Accepts ropes up to 1/2"

Height: 1.07" (2.7 cm) » Width: 1.75" (4.4 cm) »

Length: 3.00" (7.6 cm) » Weight: 2.3 oz (66 g) »

MBS: 26 kN (5845 lbf)

Green/Grey SM159500 \$36.00

BERRY COMPLIANT



ARBORIST

WATER RESCUE

CAVE RESCUE

ROPE RESCUE

WILDERNESS RESCUE

RECREATIONAL CAVING

Climbing Technology RollINLock

Ultra-light pulley / rope clamp designed for rope climbing maneuvers, rescue and self-rescue situations.

Key Features:

- Versatile: can be used as ascender or pulley
- Ideal for crevasse rescue
- Works well with dirty or icy ropes
- Mobile side plates

Weight: 2.8 oz (80 g) »

Sizing Info: 8 mm - 13 mm rope / 10 mm - 16 mm webbing

Orange HD26250 \$84.00

COMPLIANT CE EN 12278 EN 567



ARBORIST

ROPE RESCUE

ROPE ACCESS

OUTDOOR CLIMBING

RECREATIONAL CAVING



Pulleys

NFPA

How NFPA Certification Works:

Ropes and components that meet the NFPA's 1983 Standard for Fire Service Life Safety Rope and Equipment for Emergency Services 2017 Edition also carry special markings for class of intended use. The three major classes are: Escape, Technical, and General. Each of these classes have different performance requirements when the product is tested for certification.

Most ropes and auxiliary equipment products covered by NFPA 1983 use the Escape, Technical, and General classifications. Product categories that do not use these nomenclatures include Harnesses, Victim Extrication Devices, Water Rescue Throwlines, and Moderate Elongation Laid Life Safety Rope. All of these exceptions have their own specific classes of use or are for a singular, specific type of use.

Escape use products are marked with the words "Escape-Use"; where space is limited on the product, this class can be designated simply by the letter "E".

*Technical use products are marked with the words "Technical-Use"; where space is limited on the product, this class can be designated simply by the letter "T".

General use products are marked with the word "General-Use"; where space is limited on the product, this class can be designated simply by the letter "G".

For example: Carabiners are marked, "Meets NFPA 1983, 2017 ED." They also must carry the name or logo of the manufacturer, along with the label of the third party that certifies that the product meets the standard. NFPA-certified carabiners also have either a T or a G stamped into the frame. The letter T indicates that the carabiner is for technical users and designed for when actual system loading is well known and within the performance standards of a T carabiner. The letter G indicates that the carabiner is for general rescue use as per the performance standards in NFPA 1983.

*Note: in editions of NFPA 1983 prior to 2012 the T rating was known as L. The performance requirements have not changed significantly, only the name. Many users felt the term "Technical" was more accurately descriptive than the term "Light". The most up-to-date version of NFPA 1983 is NFPA 1983-2017. Look for gear marked to the most current version of the standard.

SMC/RA Stainless Steel Pulleys



Based on Russ Anderson's original design, these pulleys are essential equipment for the serious rigger. Rotating side plates allow attachment of the pulley anywhere on the rope and the 3" and 4" models will accept multiple carabiners. Axle nuts are marked with a blue witness line to indicate if the axle nut has been turned or tampered with.

Key Features:

- Stainless steel side plates

CONFINED SPACE

FIRE RESCUE

ROPE RESCUE



	Single	Part No	Tread	Max Rope	Weight	MBS	
Best Seller!	2" NFPA-T, Oilite	SM150000	1.49"	13 mm	8.8 oz (248 g)	29 kN (6519 lbf)	\$48.00
	2" NFPA-T, Ball	SM150500	1.49"	13 mm	8.6 oz (244 g)	29 kN (6519 lbf)	\$70.00
	3" NFPA-G, Oilite	SM151000	2.34"	16 mm	1.00 lbs (454 g)	51 kN (11465 lbf)	\$88.00
Best Seller!	4" NFPA-G, Oilite	SM152000	3.33"	16 mm	1.44 lbs (652 g)	51 kN (11465 lbf)	\$99.00
	4" NFPA-G, Ball	SM152500	3.33"	16 mm	1.53 lbs (692 g)	51 kN (11465 lbf)	\$130.00
	Double	Part No	Tread	Max Rope	Weight	MBS	
	2" NFPA-T, Oilite	SM155000	1.49"	13 mm	1.01 lbs (460 g)	41 kN (9217 lbf)	\$84.00
	2" NFPA-T, Ball	SM155500N	1.49"	13 mm	1.06 lbs (482 g)	41 kN (9217 lbf)	\$111.00
	4" NFPA-G, Oilite	SM157000	3.33"	16 mm	2.52 lbs (1.142 kg)	63 kN (14163 lbf)	\$197.00
	4" NFPA-G, Ball	SM157500N	3.33"	16 mm	2.71 lbs (1.250 kg)	63 kN (14163 lbf)	\$223.00

BERRY COMPLIANT

COMPLIANT NFPA 1983 (2017), T,G

SMC Shuttle



MADE IN THE USA

ROPES COURSE

ROPE RESCUE

The SMC Shuttle Tandem Pulley is one of the lightest, fastest, and most versatile tandem pulleys on the market. It is specifically designed for use in Tyrolean's, zip lines, and mountaineering and rescue applications that use rope. Ideal for when a strong, light weight, reliable tandem pulley is needed. This pulley is designed to be used with rope or cable.

Key Features:

- Four Independent Sealed Ball Bearings
- Stainless 1 3/8" Sheaves
- Multiple Attach Points
- Lightweight Design
- Fits up to 13 mm Rope or Cable

Height: 4.25" (10.8 cm) » Width: 1.07" (2.7 cm) » Length: 3.21" (8.2 cm) » Weight: 5.7 oz (162 g) » MBS: 26 kN (5845 lbf)

Blue

SM156302

\$76.00

BERRY COMPLIANT



SMC Shuttle Cable Xtreme



MADE IN THE USA

ROPES COURSE

ROPE RESCUE

The SMC Shuttle Cable Xtreme is ideal for high-use environments where users push their gear to the limit. It is designed for extreme or continuous service in permanently rigged challenge courses, commercial zip lines, and for eco-tourism applications. Designed for the commercial operator, the ball bearings may be replaced to extend the overall useful life of the pulley. This pulley is designed to be used with cable.

Key Features:

- Twin Independent Sealed Ball Bearings
- Zinc Plated Stainless 1.32" Sheave
- Multiple Attach Points
- Fits up to 13 mm Cable
- Field Rebuildable using the Xtreme Service Kit
- Made in the USA

Height: 4.25" (10.8 cm) » Width: 1.07" (2.7 cm) » Length: 3.21" (8.2 cm) » Weight: 7.6 oz (215 g) » MBS: 26 kN (5845 lbf)

Green

SM156304

\$107.00

BERRY COMPLIANT



SMC Kootenay HX Pulley



MADE IN THE USA

FIRE RESCUE

ROPE RESCUE

WILDERNESS RESCUE

CONFINED SPACE

The Kootenay HX Knot Passing Pulley features sealed ball bearings to provide optimal efficiency. Two quick-release pins allow for conversion to a high-strength tie-off and it may also serve as an edge roller for rope protection.

Key Features:

- Solid aluminum side plates
- High-strength aluminum sheave
- Primary carabiner hole accepts numerous rescue carabiners
- Secondary carabiner holes for use with tag or belay lines
- For use with 10 mm to 13 mm rope

Height: 3.40" (8.6 cm) » Width: 4.34" (11.0 cm) » Length: 8.67" (21.6 cm) » Weight: 1.65 lbs (750 g) » MBS: 38 kN (8542 lbf)

Gold

SM125500

\$213.00

BERRY COMPLIANT

COMPLIANT NFPA 1983 (2017), G



Rope Grabs and Ascenders

Best Seller!

PMI®/SMC Grip



MADE IN THE USA

This compact rope grab features a curved aluminum body for easy handling, and incorporates a simple release mechanism which allows the user to easily place on the rope, whether loaded or unloaded.

Key Features:

- For use with ropes up to 13 mm
- Not for belay or fall protection

Height: 2.90" (7.4 cm) » Width: 1.85" (4.7 cm) » Length: 3.87" (9.8 cm) »

Weight: 6.7 oz (190 g) » MBS: 5 kN (1124 lbf) » Sizing Info: 10 mm - 13 mm rope

Gold SM220500N \$74.00

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), T



FIRE RESCUE
ROPE RESCUE
CAVE RESCUE
ARBORIST
ROPE ACCESS



Climbing Technology Simple Ascender

This light-alloy ascender with a steel cam can be used for ascension or as a progress capture device for hauling and rescue. Designed for preventing accumulation of mud or debris, it also has two separate attachment points.

Key Features:

- Can be opened with one hand; optimized for use as a right-hand ascender
- Teeth specifically designed for maximum rope protection
- Anti-inversion cam system

Weight: 5.3 oz (150 g) » Sizing Info: 8 mm - 13 mm rope

HD26254 \$71.00

COMPLIANT CE EN 567 EN 12841-B UIAA

ARBORIST
RECREATIONAL CAVING
CAVE RESCUE
ROPE RESCUE
GLOBAL

Climbing Technology Quick-Up Handled Ascenders

Left or right-hand light alloy ascender handle with ergonomic rubber grip for climbing ropes.

Key Features:

- Cam opens easily with one hand
- Works well with dirty or icy ropes
- Two attachment hole options
- Designed to prevent accumulation of mud and debris
- Anti-inversion steel cam system

Weight: 7.6 oz (215 g) » Sizing Info: 8 mm - 13 mm rope

Right Hand Orange HD26255 \$72.00
Left Hand Grey HD26256 \$72.00

COMPLIANT CE EN 567 EN 12841-B UIAA



ROPE ACCESS
ARBORIST
RECREATIONAL CAVING
OUTDOOR CLIMBING
ROPE RESCUE
CAVE RESCUE
GLOBAL

Rope Grabs and Ascenders

Climbing Technology Chest Ascender EVO

This light-alloy chest ascender with a steel cam is used primarily for rope ascension but can also be used as a progress capture device for hauling and rescue. With two separate attachment points, slots to prevent accumulation of mud or debris, it is ideal for use in combination with the Quick-Up handled ascender.

Key Features:

- Can be opened with one hand; optimized for use as a right-hand ascender
- Teeth specifically designed for maximum rope protection
- Anti-inversion cam system

Weight: 5.0 oz (140 g) »

Sizing Info: 8 mm - 13 mm rope

HD26253

\$70.00

COMPLIANT CE EN 567 EN 12841-B UIAA



RECREATIONAL CAVING

CAVE RESCUE

ROPE ACCESS

ROPE RESCUE

GLOBAL

Climbing Technology Quick Step-A

Available in a left or right orientation, this foot ascender enhances ability to ascend rope easily. Optimized for use in conjunction with a handled or chest ascender.

Key Features:

- Works well with dirty or icy ropes
- Fully adjustable for correct boot position
- Reinforced on bottom to prevent excess wear
- Easy open lever for ease of rope insertion

Weight: 5.8 oz (165 g) » Sizing Info: 8 mm - 13 mm rope

Left (Grey)

HD26266

\$75.50

Right (Orange)

HD26267

\$75.50



RECREATIONAL CAVING

ARBORIST

ROPE RESCUE

CAVE RESCUE

ROPE ACCESS



Rope Grabs and Ascenders

heightec® Quantum

This fall arrest device is a self-trailing rope grab suitable for a two person rescue.

Key Features:

- Easily placed on and removed from rope
- Additional energy absorber not required
- Can be used with dynamic rope lanyard
- Made with high strength alloy with stainless steel friction surfaces
- Two person rated for rescue

Weight: 10.5 oz (298 g) » Sizing Info: 10.5 mm - 11.5 mm rope

HD26235 \$156.00

COMPLIANT CE EN 353-2 EN 358 EN 12841-A



ROPE ACCESS

ROPES COURSE

GLOBAL

Climbing Technology Easy Move

This Rope-Access backup device is designed for the most demanding rope access environments, and grips easily on dirty or icy ropes.

Key Features:

- Easy to place on and off rope
- Locking mechanism for easy work positioning

Weight: 5.0 oz (140 g) » Sizing Info: 10.5 mm - 11 mm rope

HD26251 \$111.50

COMPLIANT CE EN 353-2 EN 358 EN 12841-A



MIO Rope Grab

Self-trailing fall arrest rope grab dissipates the energy of a fall by slipping along the rope, well within OSHA requirements.

Key Features:

- Removable dual action pin for easy placement on rope
- For use with 11 mm or 12.5 mm ropes
- Stainless steel construction
- Comes with lanyard and ANSI snap hook

Weight: 1.38 lbs (626 g)

1/2" Rope (Blue Pin)	HD26005	\$217.00
5/8" Rope (Black Pin)	HD26006	\$217.00
7/16" Rope (Yellow Pin)	HD26114	\$217.00

COMPLIANT ANSI Z359.1



UTILITIES SAFETY

ROPES COURSE

ROPE ACCESS

TOWER WORK

FALL PROTECTION

Best Seller!**PMI® D4 by ISC**

This auto-locking descender offers precise control at variable speeds by using a specialized cam system. Suitable for two-person rescue, the handle can rotate through 360 degrees.

Key Features:

- Specially coated aluminum handle for grippability
- Rotation of handle has audible clicks to help identify correct handle position
- Side plates cannot be opened while under load
- For use with 11mm ropes

Weight: **1.50 lbs (678 g)** » MBS: **16 kN (3597 lbf)** »

Sizing Info: **10.5 mm - 11.5 mm rope**

HD26268

\$245.00

COMPLIANT CE EN12841-C ANSI Z359.4 (2013) NFPA 1983 (2012), T



ROPE ACCESS

ARBORIST

ROPE RESCUE

FIRE RESCUE

WILDERNESS RESCUE



GLOBAL

New! PMI® D5 by ISC

This auto-locking descender offers precise control at variable speeds by using a specialized cam system. Suitable for two-person rescue, the handle can rotate through 360 degrees.

Key Features:

- Specially coated aluminum handle for grippability
- Rotation of handle has audible clicks to help identify correct handle position
- Side plates cannot be opened while under load
- For use with 12.5mm ropes

Weight: **1.81 lbs (818 g)** » MBS: **22 kN (4945 lbf)** »

Sizing Info: **12.5 mm - 13 mm rope**

HD26270

\$269.00

COMPLIANT CE EN 12841-C ANSI Z359.4 (2013) NFPA 1983 (2012), G



FIRE RESCUE

ARBORIST

ROPE RESCUE



GLOBAL

Braking Devices



SMC/RA Rescue 8

One of the most popular full-sized descenders used by professionals throughout the rescue, fire service, and police/tactical markets for years. Solid aluminum, this heat treated 8 is a staple in your rescue bag.

Key Features:

- Solid heat treated aluminum
- Hard-anodized finish
- Choose from grey or black
- Carabiner hole functions as a sticht plate for 1/2" rope
- Available with ears or without

NFPA (with Ears)

Height: 0.50" (1.3 cm) » Width: 5.25" (13.3 cm) »
Length: 6.16" (15.6 cm) » Weight: 6.5 oz (184 g) »
MBS for Ropes 9.5 mm - 12.5 mm: 13.5 kN (3034 lbf) »
MBS for Ropes 11 mm - 16 mm: 22 kN (4945 lbf) »
MBS Pin to Pin: 32 kN (7194 lbf) Pin to Pin

Black	SM128701N	Best Seller!	\$57.00
Grey	SM128702N		\$57.00

BERRY COMPLIANT

COMPLIANT NFPA 1983 (2017), G (FOR ROPES 11 mm - 16 mm) NFPA 1983 (2017), T (FOR ROPES 9.5 mm - 12.5 mm)



ROPE RESCUE

WILDERNESS RESCUE

FIRE RESCUE

ROPES COURSE

Non-NFPA (w/o Ears)

Height: 0.50" (1.3 cm) » Width: 3.40" (8.6 cm) »
Length: 6.00" (15.2 cm) » Weight: 5.3 oz (150 g) »
MBS for Ropes 9.5 mm - 16 mm: 22 kN (4945 lbf) »
MBS Pin to Pin: 32 kN (7194 lbf)

Black	SM129000	\$37.00
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BERRY COMPLIANT



Best Seller!**PMI® Large Steel Rescue 8** **MADE IN THE USA**

This extra large steel figure 8 is designed for maximum wear and versatility and is ideal for use in almost any environment.

Key Features:

- Accepts single or double wrapping ropes for braking
- Works with ropes up to 16 mm in diameter
- Bottom hole can be used as sticht plate

Height: 0.50" (1.3 cm) » Width: 6.75" (17.1 cm) »
Length: 6.75" (17.1 cm) » Weight: 1.50 lbs (680 g) »
MBS: 28 kN (6295 lbf)

HD26100**\$85.50****BERRY COMPLIANT****FIRE RESCUE****ROPE RESCUE** **MADE IN THE USA****SMC Mountaineering 8**

Easy to rig and handle when wearing gloves, this descender has smooth action on belay or rappel. Works well with either single or double ropes from 8 mm to 12.5 mm. Additional friction is gained by increasing the number of wraps.

Key Features:

- Effective for either single or double wrap braking
- Works with 8 mm to 12.5 mm
- Bottom hole can be used as a stitch plate
- High quality aircraft grade 6061 aluminum

Height: 0.38" (9.0 mm) » Width: 2.96" (7.5 cm) » Length: 4.62" (11.7 cm) » Weight: 2.8 oz (79 g) » MBS: 27 kN (6070 lbf)

Blue**SM81702****\$20.00****BERRY COMPLIANT****OUTDOOR CLIMBING****ARBORIST****ROPES COURSE**

Braking Devices

SMC Spider

 **MADE IN THE USA**

The SMC Spider is an Auto Braking NFPA T Rated Descender designed for work positioning and personal descent. The Spider provides persons working at height the ability to easily maneuver and secure themselves while on the fly. Allowing users to easily load and unload from the device without having to unclip from their harness, it is an ideal descender for window washers, fire fighters, and industrial workers who need a device that provides them with optimal strength and performance.

Key Features:

- Accommodates ropes from 11 mm to 12.5 mm

Weight: 1.24 lbs (562 g) » MBS: 13.5 kN (3034 lbf)

SM220300N

\$174.00

COMPLIANT NFPA 1983 (2017), T



FIRE RESCUE

ROPE RESCUE

ROPE ACCESS

 **MADE IN THE USA**

Alpine Brake Tube

With unsurpassed ability to pass knots of any size using ropes of any diameter, the Alpine Brake Tube is the premier lowering device used in rescue scenarios. Not for rappelling.

Key Features:

- Passes knots
- Accommodates multiple ropes
- Tie-off capability
- Aluminum tube, stainless steel gate

Height: 2.00" (5.1 cm) »

Width: 6.00" (15.2 cm) »

Length: 13.00" (33.0 cm) »

Weight: 2.90 lbs (1.310 kg)

HD26048

\$265.00



ROPE RESCUE

ARBORIST

WILDERNESS RESCUE

FIRE RESCUE



Photo Dale Atkins

Selecting a Lowering Device/Descender

1. Confirm compatibility of descender with rope diameter.
2. The descender should create sufficient friction to provide absolute control.
3. Test the descender with hardware, equipment, and gloves typically worn.
4. Know how to lock the descender off so that you can secure yourself and remain stopped on the rope with hands off the device.
5. Be sure the descender is strong enough to have an adequate safety factor.
6. Select a descender with variable friction for long descents.
7. Ideally, a descender should be able to also function as a lowering device.



SMC NFPA Rack Assembly

The NFPA rack is sold as a complete un-assembled kit so you can arrange it for right-hand or left-hand use. SMC has also added a 17.9" long rack to complete the line.

Key Features:

- 1 six-bar rappel rack
- 1 stainless steel tie-off bar
- 1 anodized aluminum grooved straight slot bar
- 4 aluminum angled brake bars

Height: 1.00" (2.5 cm) » Width: 3.60" (9.1 cm) » Length: 14.40" (36.6 cm) » Weight: 1.83 lbs (828 g) »
MBS for Ropes 9.5 mm - 12.5 mm: 13.5 kN (3034 lbf) » MBS for Ropes 11 mm - 16 mm: 22 kN (4945 lbf)
» MBS Pin to Pin: 32 kN (7194 lbf) Pin to Pin

Straight Eye	SM14001N	Best Seller!	\$129.00
90 Degree Eye	SM14002N		\$129.00

Height: 1.00" (2.5 cm) » Width: 3.60" (9.1 cm) »
Length: 17.90" (45.5 cm) » Weight: 2.06 lbs (933 g)

17.9" Long Rack	SM14003N	\$132.00
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BERRY COMPLIANT

COMPLIANT NFPA 1983 (2017), G (FOR ROPES 11 mm - 16 mm) NFPA 1983 (2017), T (FOR ROPES 9.5 mm - 12.5 mm)

FIRE RESCUE

ROPE RESCUE

CAVE RESCUE

WILDERNESS RESCUE

RECREATIONAL CAVING

SMC Compact U Rack



SMC's Compact U Rack's design prevents the bars from sliding around the bottom of the rack. The standard rack width allows it to be rigged on two ropes. The upper and lower tie off bars provide a greater variability of friction and secure tie off.

Key Features:

- Stainless steel body and bars
- Can be rigged with 2 ropes
- Two opposed tie off bars

Height: 1.00" (2.5 cm) » Width: 3.60" (9.1 cm) » Length: 9.60" (24.4 cm) »
Weight: 1.66 lbs (754 g) » MBS for Ropes 9.5 mm - 12.5 mm: 13.5 kN (3034 lbf) »
MBS for Ropes 11 mm - 16 mm: 22 kN (4945 lbf)

SM14400N	\$123.00
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BERRY COMPLIANT

COMPLIANT NFPA 1983 (2017), G (FOR ROPES 11 mm - 16 mm) NFPA 1983 (2017), T (FOR ROPES 9.5 mm - 12.5 mm)

WILDERNESS RESCUE

RECREATIONAL CAVING

ROPE RESCUE

CAVE RESCUE



SMC Micro U-Rack



The SMC Micro U-Rack assembly is the smallest and lightest of all SMC Rappel Racks. The design is based on the same principles of our proven NFPA Rappel Racks but more suited for sport climbing and caving expeditions. This device is ideal for either a long rappel or lowering as it evenly distributes the weight between both sides of the rack and does not allow the rope to twist. The Micro Rack MBS range listed below in the Key Features section is dependent on rope diameters tested from 7 mm to 12.5 mm.

Key Features:

- Designed for reliability
- Rack frame and bars are polished Stainless Steel
- Supports rope diameters from 7 mm up to 12.5 mm
- Designed for long lasting service • Made in the USA

Height: 0.78" (2.0 cm) » Width: 2.75" (7.0 cm) » Length: 8.66" (22 cm) »
Weight: 14.1 oz (400 g) » MBS for Ropes 7 mm - 11 mm: 8 kN (1798 lbf) »
MBS for Ropes 11 mm - 12.5 mm: 22 kN (4945 lbf)

SM13700	\$85.00
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BERRY COMPLIANT

WILDERNESS RESCUE

RECREATIONAL CAVING

ROPE RESCUE

CAVE RESCUE



Build Your Own Brake Rack

1. Choose a Rack Frame

Open rack frames are the most common, and facilitate ease of adding/subtracting friction during use. Choose a straight-eye or twisted-eye configuration depending on your harness style – the open leg should face down and away from the user during use. A U frame will typically be stronger than an open frame.

2. Choose your Brake Bars

Aluminum vs steel is a matter of use and personal preference. Aluminum bars provide greater friction, but will also build up more heat during use. Bars with straight slots can make it easier to determine whether the rack is rigged incorrectly.

3. Select a Top Bar

Using the optional top bar with greater mass can help to dissipate heat during use. These bars also often feature a groove to help keep the rope centered on the rack.

4. Optional: Tie-off bar (Hyperbar)

The hyperbar makes it easier to add friction during use, and to tie off. This is an optional addition, but is a good idea for long, variable drops and fluctuating loads.



Rack Frame

Type #304 stainless steel construction, with a welded eye for extra strength. Each eye weld is inspected for dye penetration before shipping. Average tensile of material used is over 10,000 lbf.

Key Features:

- Stainless Steel

Straight Eye, 6 Bar Capacity **Best Seller!**

Length: 14.40" (36.6 cm) » Weight: 14.5 oz (397 g)

SM13002 \$51.00

90 Degree Eye, 6 Bar Capacity

Length: 14.40" (36.6 cm) » Weight: 14.5 oz (397 g)

SM13502 \$51.00

4 Bar U Rack

Length: 9.60" (24.4 cm) » Weight: 10.4 oz (295 g)

SM13105 \$34.00



Best Seller!

Aluminum Top Bar w/ Groove

These lightweight 7/8" solid aluminum brake rack bars with groove are designed for use as a top bar, and will fit all SMC rack frames.

Key Features:

- Anodized red for easy identification
- Top bars only available in angled slot configuration

Height: 0.88" (2.2 cm) » Width: 0.88" (2.2 cm) »

Length: 2.50" (6.4 cm) » Weight: 1.8 oz (51 g)

Angled Slot with Groove

SM12605

\$11.00

Stainless Steel Top Bar w/ Groove

The 7/8" top bar is designed to stay on your rack and virtually last forever. Has machined groove to keep the rope centered. Core drill out keeps this bar cool and lightweight. Use only one top bar per rack.

Key Features:

- Stainless Steel

Height: 0.88" (2.2 cm) » Width: 0.88" (2.2 cm) »

Length: 2.47" (6.3 cm) » Weight: 4.1 oz (120 g)

SM11000

\$56.75



Stainless Steel Straight Slot Bar

Straight slot "stupid bar" of 1" tubular stainless steel.

Key features:

- Brake Bar straight slot
- Tubular stainless steel

Height: 1.00" (2.5 cm) » Width: 1.00" (2.5 cm) »

Length: 2.45" (6.2 cm) » Weight: 2.8 oz (80 g)

Black

SM12020

\$18.00



Steel Tie Off Bar

Large 1" diameter hyper-bar with extension and pin to make locking off easier as well as providing additional friction when needed. Use as a top bar.

Key Features:

- Stainless Steel

Height: 1.00" (2.5 cm) » Width: 2.00" (5.1 cm) » Length: 3.65" (9.3 cm) »

Weight: U Rack Top Bar 5.3 oz (150 g) » Weight: 1" Tie Off Bar 5.1 oz (145 g)

	Stainless	
1" U Rack Tie Off Bar	SM12110	\$33.00
1" Tie Off Bar	SM12301	\$35.00



PMI® Bar Tender

Store your brake bar rack in this handy pouch to keep bars together and minimize the jingle factor when not in use. The PMI® Bar-Tender fits any size rack, with or without a hyper bar.

Key Features:

- Fits any size rack • 4" x 8"
- Quick release buckle closes and cinches tight
- Velcro® closure
- Cordura® sheath

Width: 4.00" (10.2 cm) »

Length: 8.00" (20.3 cm) » Weight: 1.5 oz (42 g)

Red
SG51167 \$14.00



Aluminum Brake Bars

These lightweight 7/8" solid aluminum brake rack bars provide maximum friction and fit all SMC rack frames.

Key Features:

- Aluminum

Height: 0.88" (2.2 cm) » Width: 0.88" (2.2 cm) »
Length: 2.50" (6.4 cm) » Weight: Reg: 1.9 oz (54 g),
Grooved: 1.8 oz (51 g)

Best Seller!

Regular, Angled Slot	SM12201	\$10.00
Grooved, Straight Slot	SM12401	\$11.00

Best Seller!

Steel Brake Bars

Angled slot brake bars formed in a "U" shape. Stainless steel bars will not leave aluminum streaks on your rope and will last longer than aluminum bars. Available with or without training groove.

Key Features:

- Stainless Steel

Height: 0.86" (2.2 cm) » Width: 0.86" (2.2 cm) »

Length: 2.70" (6.9 cm) » Weight: 1.7 oz (48 g)

Brake Bar, angled slot	SM12500	\$12.00
Brake Bar angled slot w/training groove	SM12501	\$12.00

1" Angled Brake Bar

Height: 1.00" (2.5 cm) » Width: 1.00" (2.5 cm) » Length: 2.45" (6.2 cm) » Weight: 2.8 oz (80 g)

SM12010 \$18.00



Anchorage Connectors

Best Seller!

TerrAdaptor™ Tripod System



MADE IN THE USA

The TerrAdaptor™ isn't just for straight lifts over holes. Its variability enables you to use it over an edge, in an elevator shaft, over a trench, or atop a grain bin.

Key Features:

- Symmetric tripod and quadpods are the only systems of their kind to be certified by UL to NFPA 1983 (2006 ed.)
- The TerrAdaptor can be used in countless non-standard configurations
- Reaches a height of 10 ft., but additional leg extensions (approximately 4 ft.) can be bought
- To transition your tripod to a quadpod, you can purchase the Quadpod Attachment Kit separately

Weight: 90.00 lbs (40.823 kg)

SM230100N

\$4,400.00

COMPLIANT NFPA 1983 (2017), G CE EN 795

FIRE RESCUE

ROPE RESCUE

UTILITIES SAFETY

CONFINED SPACE

ROPE ACCESS

GLOBAL



TERRADAPTOR™



TerrAdaptor™ Tripod System

The complete TerrAdaptor™ Tripod System (SM230100N) includes everything you need to set up an NFPA configuration. All of the revolutionary parts come divided into three bags to make transport into the field easy for your whole Team. The bags are also great for storing on any rescue rig.

The TerrAdaptor™ includes one head bag and two leg bags.

The exterior of the head bag has form fitting backpack straps for comfortable transport.



The interior of the head bag has dividers that protect the pieces from damage.



The TerrAdaptor™ legs are divided into two bags with backpack straps for easy transport.



What makes the TerrAdaptor unique?

Entirely unique to the TerrAdaptor™ is the ability to adjust the head angle in multiple directions.



Leg coupling pins provide a secure connection when the pin is fully inserted and the bail is properly secured.



The adaptability of the TerrAdaptor™ Tripod can be set up in any type terrain or environment.



TerrAdaptor™ Tripod System Configurations

**Easy conversion of Tripod to
multiple use formats.**

A-Frame/Bipod—

Great high directional for offsets and highlines.



Horizontal Span—

Best for collapse or trench rescue.



Easel Leg Tripod—

Easel leg provides extra support to A-Frame.



TerrAdaptor™ Accessories

Enhance your TerrAdaptor™ with new accessories for added capability. The new Modular Foot System supports more advanced rigging needs - choose from either the Talon or Rocker Foot. The new Capstan Winch Bracket and the Standard Winch Bracket allow for rope or cable winches to be mounted on the TerrAdaptor™. Check out all the accessory options below.



TerrAdaptor™ Quadpod Attachment System

Key Features:

- Quadpod Head Attachment
- Leg kit complete with Foot, Hobble Plate and Basket, Center Leg Clamp with 3 Load Locking Pins each, Main Attachment Pin, Rope Hobble Section

SM230105

\$1,295.00



TerrAdaptor™ Gin Pole Kit

Key Features:

- 2 Lash Ring with Coupling Pins
- Leg kit complete with Foot, Hobble Plate and Basket
- TerrAdaptor™ User Guide

SM230106

\$895.00



TerrAdaptor™ Accessories



TerrAdaptor™ Winch System

The SMC TerrAdaptor™ Capstan Winch System with a 40.2ST two speed self-trailing capstan winch mounts on any grey leg tube section in any position on the TerrAdaptor™ multi pod.

Key Features:

- Stainless rope guide ensures rope enters capstan at the correct angle
- Clip points are included for use of progress capture devices
- Anodized Aluminum

Height: 5.40" (13.7 cm) » Width: 5.90" (15.0 cm) »

Length: 11.25" (28.6 cm) » Weight: 8.55 lbs (3.878 kg)

SM230552

\$1,965.00

FIRE RESCUE
ROPE RESCUE
UTILITIES SAFETY
CONFINED SPACE

TerrAdaptor™ Capstan Winch Bracket



The Capstan Winch Bracket is designed for use with the Harken 40.2ST Capstan Winch. This bracket is predrilled and includes all hardware for mounting the Capstan. It may be mounted on any grey leg tube section on the TerrAdaptor™.

Key Features:

- Stainless rope guide ensures rope enters capstan at the correct angle
- Clip points are included for use of progress capture devices
- Anodized Aluminum

Height: 2.40" (6.1 cm) » Width: 5.90" (15.0 cm) »

Length: 11.25" (28.6 cm) » Weight: 3.28 lbs (1.480 kg)

SM230551

\$155.00



TerrAdaptor™ Standard Winch Bracket



The Standard Winch Bracket is pre-tapped for mounting most Tractel and DBI/Sala cable work winches. In addition, other cable or rope winch models can be mounted per the manufacturer's instructions. It may be mounted on any grey leg tube section on the TerrAdaptor™.

Key Features:

- Clip points are included for use of progress capture devices
- Anodized Aluminum
- Made in the USA

Height: 2.40" (6.1 cm) » Width: 3.50" (8.9 cm) »

Length: 11.25" (28.6 cm) » Weight: 2.64 lbs (1.200 kg)

SM230550

\$110.00



Anchorage Connectors

TerrAdaptor™ Accessories

Modular Foot System

The TerrAdaptor's™ ability to adapt for many advanced rigging situations sometimes demands a more advanced foot system and the Modular Foot System was developed to excel in those situations. Each foot in the system has between one and three high strength auxiliary attachment points which can be easily clipped into with a rescue carabiner, quicklink, or tied direct. Feet attach to Modular Adaptors that can be positioned at 45 degree increments within either style of leg tube.

The TerrAdaptor™ Modular Foot System is also designed so that the legs of the TerrAdaptor™ become an integral part of the rigging rather than simply a means of supporting a high anchor point. When you securely anchor the feet at one of the auxiliary attach points you are also securing the head because force can be transmitted down the leg tube just as if it were a piece of rope, with the exception that the legs don't stretch.

Best Seller!

Modular Adaptor



The new Modular Adaptor provides a secure platform for various new foot options. Tools to replace/interchange the feet are provided with the adaptor.

Key Features:

- Fully compatible with existing TerrAdaptor™ leg tubes
- Rotates in 45 degree increments to achieve the best foot placement

Height: 2.50" (6.4 cm) » Width: 2.50" (6.4 cm) »
Length: 4.70" (11.9 cm) » Weight: 10.7 oz (302 g)

SM230540

\$75.00



Talon Foot

The Talon Foot includes two spikes which allow the feet to be perched on edges of walls and catwalks, or they may also be lashed securely to pipes, beams, and rails. The steel tips of the foot may be sharpened or replaced.

Key Features:

- Lash points are still accessible when spikes are fully engaged
- Longer spike penetrates deeply for secure placement
- Shorter spike provides additional security against foot movement

Height: 0.50" (1.3 cm) »
Width: 4.11" (10.4 cm) »
Length: 4.88" (12.4 cm) »
Weight: 5.7 oz (161 g)

SM230510

\$38.00



Rocker Foot



The Rocker Foot for the TerrAdaptor™ provides excellent surface area on the ground.

Key Features:

- 3 full-size lash points are standard
- Lash points may be easily clipped at extreme lean angles

Height: 1.46" (3.7 cm) » Width: 2.40" (6.1 cm) »
Length: 4.54" (11.5 cm) » Weight: 6.7 oz (191 g)

SM230500

\$38.00



Best Seller!

Articulating Foot



The Articulating Foot easily swivels on a stainless steel ball. For extreme wide leg angles, the foot can rotate 90 degrees to the flat position.

Key Features:

- Rubber bottom allows versatility for use on multiple surfaces
- Foot may be attached to surface with screws, bolts, or spikes
- Integrated lashing connections

Height: 4.40" (11.2 cm) »
Width: 3.96" (10.1 cm) »
Length: 3.96" (10.1 cm) »
Weight: 1.02 lbs (460 g)

SM230530

\$115.00



TerrAdaptor™ Accessories



Sheave Assembly

The TerrAdaptor™ Cable Sheave Assembly is specifically designed for use with the TerrAdaptor™ Portable Anchor System and the TerrAdaptor™ Cable Winch Bracket that allows you to utilize many of the commonly used cable winch systems.

Key Features:

- Zinc Plated Hardened Alloy Steel Sealed Ball Bearings
- Compact and easy to use
- Supports up to 1/2" diameter cable or rope
- Once cable has been run through sheave, it should not be used for rope



Steel Sheave Assembly

Weight: 4.0 oz (114 g)

SM230360 \$40.00

The TerrAdaptor™ Sheave Assembly fits directly on to the main attachment pin to act as a pulley.



QuickLash

Designed as an extra anchor point that affixes to the grey tubes on the TerrAdaptor™, it incorporates a quick release pin for use as tie-backs, redirects, or tie-downs.

Key Features:

- Ideal for attaching pulleys or other gear
- Can also be attached at foot connection point
- 30 kN when loaded along major axis; 15 kN when pulled to side at 90 degrees

MBS: 30 kN (6744 lbf) »

Major Axis: 30 kN (6744 lbf) »

Minor Axis: 15 kN (3372 lbf) »

Weight: 4.2 oz (118 g)

SM230370 \$48.00



Bolt Replacement Kit

Replacement bolts for the TerrAdaptor™ Tripod Head piece.

Key Features:

- 4 SHCS Alloy Bolts
- 4 Nylok Nuts

SM230326 \$5.00



Replacement Rope Hobble

SM230307 \$18.00



Lash Ring Kit

SM230230 \$58.00



Anchorage Connectors

Best Seller!

Sked® Evac Tripod



MADE IN THE USA

The small head and extra-long aluminum legs make this tripod the perfect choice for simplicity and performance. When fully extended, the head is ten feet high and the tripod can support a load up to 5280 lbf. The load capacity increases as the leg extension is reduced.

Key Features:

- Legs are adjustable in 5" increments
- Tripod legs are secured with chains to prevent them from spreading under load
- 3 anchor points
- Winches and other attachments available

Tripod

Weight: 71.00 lbs (32.200 kg)

SK700 \$1,565.00

Tripod Case

Weight: 4.00 lbs (1.810 kg)

SK701 \$103.00

COMPLIANT CE EN 795

SKEDCO TRIPOD – MAX LOAD vs LEG EXTENSION

LEG POSITION	TRIPOD HEIGHT	LEG SPREAD	MAX LOAD
A	119"	111 1/2"	5280 lbs
B	115"	106"	6000 lbs
C	112"	103"	7000 lbs
D	107"	98 1/2"	7500 lbs
E	102"	95 1/2"	8500 lbs
F	98"	90"	9500 lbs



FIRE RESCUE

ROPE RESCUE

UTILITIES SAFETY

CONFINED SPACE

GLOBAL



New!

Vector Edge and Load Management System



MADE IN THE USA

The Vector Edge and Load Management System has been designed and engineered as a light-weight, portable tool for use in industrial, mountain and urban rescue environments. When combined with high strength - low stretch cord, quality lifesafety rope, lightweight pulleys and carabiners, the Vector provides rescuers with a versatile resource which can reduce risk and go virtually anywhere.

Key Features:

- Lightweight design
- Rigging rings can be used independently
- 2 kN max load as a redirect
- 1 kN max load as an anchor
- Comprehensive instructions

Weight: 3.04 lbs (1.380 kg) » Length: 37.74" (96.3 cm) »

Tube Diameter: 2.00" (5.1 cm) » Rigging Plate Diameter: 4.56" (11.6 cm)

SM290010 \$450.00



FIRE RESCUE

ROPE RESCUE

UTILITIES SAFETY

CONFINED SPACE

WILDERNESS RESCUE

Anchorage Connectors

PMI® 1/2" Removable Anchor **MADE IN THE USA**

Designed for use in concrete or rock, this removable anchor is also reusable and can be utilized in horizontal, vertical, and overhead surfaces. Ideal for restraint, work positioning, and more.

Key Features:

- Spring is zinc plated steel; Swage is zinc plated copper; Trigger is aluminum alloy
- Termination, spoons, and stop sleeves are stainless steel
- Main cable is 7 x 19 galvanized cable
- Do not use for fall protection

MBS: 12 kN (2700 lbf) » Weight: 3.2 oz (91 g)

HD26233 \$79.00



WILDERNESS RESCUE

ROPE RESCUE

CAVE RESCUE

ROPE ACCESS



PMI® Fall Protection RB Anchors **MADE IN THE USA**

Designed for use in concrete or rock, this removable anchor is also reusable and can be utilized in horizontal, vertical, and overhead surfaces. Ideal for fall protection, restraint, work positioning, and more.

Key Features:

- Spring is zinc plated steel; Swage is zinc plated copper; Trigger is aluminum alloy
- Termination, spoons, and stop sleeves are stainless steel
- Main cable is 7 x 19 galvanized cable

1" Fall Protection RB Anchor

MBS: 44 kN (10000 lbf) » Weight: 1.00 lbs (454 g)

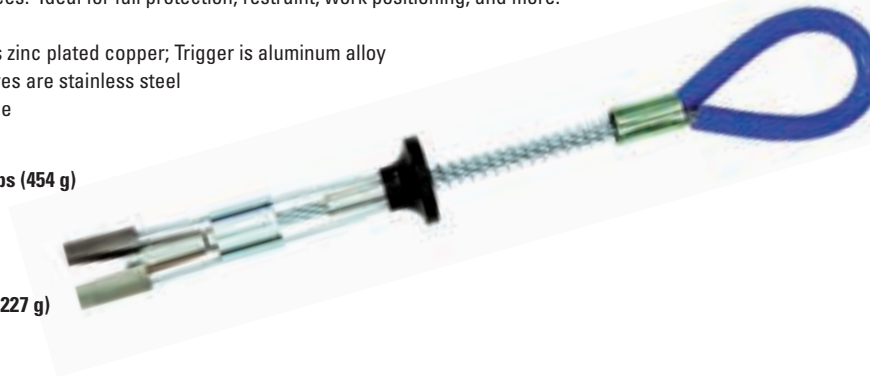
HD26224 \$262.00

3/4" Fall Protection RB Anchor

MBS: 22 kN (5000 lbf) » Weight: 8.0 oz (227 g)

HD26223 \$126.50

COMPLIANT ANSI Z359.1 EN 795



FALL PROTECTION

WILDERNESS RESCUE

ROPE RESCUE

CAVE RESCUE

ROPE ACCESS

GLOBAL



Scott Melcer Photography

 **MADE IN THE USA**

PMI® 3/4" Toggle Lok Anchor

Designed for use in either precast concrete or steel flanges, this removable anchor is also reusable and can be utilized in horizontal, vertical, and overhead surfaces. Ideal for fall protection, life line systems, restraint, work positioning, tie-back anchors, and more.

Key Features:

- Works in both shear and tensile loads
- Spring is zinc plated steel; Swage is zinc plated copper; Hole plug is aluminum alloy; Cable sheath is plastic
- Main cable is 7 x 19 galvanized cable

MBS: 22 kN (5000 lbf) » Weight: 8.0 oz (227 g)

HD26225 \$138.00

COMPLIANT ANSI Z359.1 EN 795



FALL PROTECTION

UTILITIES SAFETY

ROPE ACCESS

TOWER WORK

GLOBAL

Anchorage Connectors

SMC Rigging Ring

 **MADE IN THE USA**

The SMC Rigging Ring is the strongest aluminum ring of its size on the market. The SMC Rigging Ring was designed as the ultimate climbing accessory and can be used in conjunction with anchor systems, haul systems, or as a connection point, providing that missing link which is often needed. The inside diameter will accommodate three standard sized carabiners.

Height: 0.50" (1.3 cm) » OD: 1.70" (4.3 cm) » ID: 1.10" (2.8 cm) »
Weight: 0.9 oz (26 g) » MBS: 32 kN (7194 lbf)

Best Seller!

	Grey	Red	
1 Ring	SM81503	SM81505	\$4.95



RECREATIONAL CAVING

OUTDOOR CLIMBING

GYM CLIMBING

ARBORIST

Best Seller!

 **MADE IN THE USA**

RECREATIONAL CAVING

OUTDOOR CLIMBING

SMC Descending Ring

This rigging ring is intended to be left at the top of a rappel in place of a carabiner to facilitate rope recovery. More creative applications abound in rescue rigging.

Key Features:

- Anodized aluminum

Height: 0.30" (8.0 mm) » OD: 2.00" (5.1 cm) » ID: 1.50" (3.8 cm) »
Weight: 0.4 oz (11 g) » MBS: 15 kN (3372 lbf)

	Natural	
1 Ring	SM81600	\$3.25



Steel O Ring

Simple, low cost focal point for rigging. This is a "bombproof" forged steel ring that is ideal for any multi-directional loading situation.

Height: 0.50" (1.3 cm) » OD: 4.00" (10.2 cm) »
ID: 3.00" (7.6 cm) » Weight: 9.0 oz (256 g) »
MBS: 44 kN (10000 lbf)

1 Ring	HD26049	\$14.00
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ARBORIST

ROPE RESCUE

SMC Swivel

 **MADE IN THE USA**

This rescue swivel is a high performance piece of gear with incredibly smooth action and a beautiful feel and finish. The holes are sized to work with rescue carabiners and allow the lock sleeves to rotate through the holes. The heat-treated axle and a sealed high efficiency ball bearing ensures a smooth rotation. Compact for confined space and for awkward hauling situations. Smooth and rounded sides prevent catching on rocks, litters, or other components.

Key Features:

- Lightweight
- Anodized aluminum
- Sealed bearing
- Heat treated axle

Height: 1.30" (3.3 cm) » Width: 2.00" (5.1 cm) » Length: 3.50" (8.9 cm) »
Weight: 4.5 oz (128 g) » MBS: 44 kN (9892 lbf)

Blue/Charcoal	Black	
SM136000N	SM136007N	\$97.00

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017), G



ROPE RESCUE

FIRE RESCUE

CONFINED SPACE

ARBORIST

WILDERNESS RESCUE

ROPE ACCESS



Best Seller!

SMC NFPA Rigging Plate



Half the size of the bigger plates on the market, yet just as strong and with oversized holes to accommodate more gear. Contoured edges are easy on ropes, webbing and carabiners. Each oval hole will easily accept 2 large carabiners while a large center hole accepts numerous connections.

Key Features:

- Anodized aluminum
- Holes are numbered for quick identification

Height: 0.50" (1.3 cm) » Width: 5.30" (13.5 cm) » Length: 7.00" (17.8 cm) »

Weight: 11.4 oz (323 g) » MBS: 50 kN (11240 lbf)

Red

SM130005

\$57.00

BERRY COMPLIANT

COMPLIANT NFPA 1983 (2017), G



Keeping all of your equipment organized at the anchor keeps your system running smooth. Using SMC rigging plates can help you do just that.



FIRE RESCUE

CONFINED SPACE

ARBORIST

ROPE RESCUE

ROPE ACCESS

CAVE RESCUE

SMC Mini Rigging Plate



One of the lightest yet strongest mini-rigging plates on the market, built with high quality 6061 aircraft grade aluminum for strength, durability, corrosion resistance, and years of reliability. Designed to serve as either a belay device or a collection point for multiple anchors and/or rigging points - but that certainly doesn't exclude it from a host of other tasks.

Key Features:

- Large carabiner holes

Height: 0.37" (9.4 cm) » Width: 2.93" (7.4 cm) » Length: 3.75" (9.5 cm) » Weight: 2.8 oz (79 g) » MBS: 36 kN (8093 lbf)

Black

SM130301N

Blue

SM130302N

\$31.00

BERRY COMPLIANT

COMPLIANT NFPA 1983 (2017), G



WILDERNESS RESCUE

CONFINED SPACE

ARBORIST

FIRE RESCUE

ROPE RESCUE

ROPE ACCESS

CAVE RESCUE

Anchorage Connectors

PMI® Choker Sling



The PMI® Choker Sling provides rugged protection in three different configurations: basket, choker, and end-to-end

Key Features:

- Reinforced with extra webbing along its length for protection against abrasion and sharp edges
- Cinch strap included for easy closure/storage

MBS: Basket (U): 48.7 kN | End-to-end: 22.2 kN | Choker: 20.8 kN

2 ft (61 cm)

Weight: 14.4 oz (408 g)

SG51282 \$37.25

6 ft (200 cm)

Weight: 1.20 lbs (544 g)

SG51214 \$48.00

3 ft (100 cm) **Best Seller!**

Weight: 15.2 oz (431 g)

SG51213 \$38.00

8 ft (250 cm)

Weight: 1.35 lbs (612 g)

SG51243 \$57.00

4 ft (125 cm)

Weight: 1.05 lbs (476 g)

SG51242 \$41.00

COMPLIANT NFPA 1983 (2017), G



Velcro® Cinch Strap for easy closure and storage. (Not a feature on the 8 ft long sling)

ROPE ACCESS

FALL PROTECTION

ROPE RESCUE

FIRE RESCUE

CONFINED SPACE



PMI® Anchor Sling

Available in three different lengths, PMI® Anchor Slings can be used in a basket, choker, or end-to-end configuration.

Key Features:

- 1 3/4" nylon webbing
- Steel D-Ring connectors

MBS: Basket (U): 49.2 kN | End-to-end: 28.7 kN | Choker: 22.6 kN » Width: 1.75" (4.4 cm)

3 ft (100 cm)

Weight: 11.0 oz (311 g)

SG51029 \$47.00

4 ft (150 cm) **Best Seller!**

Weight: 12.0 oz (354 g)

SG51030 \$50.00

6 ft (200 cm) **Best Seller!**

Weight: 14.0 oz (410 g)

SG51031 \$54.00

COMPLIANT NFPA 1983 (2017), G



FIRE RESCUE

FALL PROTECTION

ROPE RESCUE

ROPE ACCESS



Skedco Soft Anchor Sling

The Skedco Soft Anchor Sling is a perfect utility strap suitable for many purposes. With loops sewn on each end, this strap is lightweight and easy to use.

Key Features:

- 6' length uses 16,000# 3" webbing
- 8', 12', 20' lengths use 20,000# 3" webbing

Height: 1.00" (2.5 cm) »

Width: 3.00" (7.6 cm) »

MBS: 86 kN (19334 lbf)

8 ft

Weight: 2.00 lbs (907 g)

SK9118 \$42.76

12 ft

Weight: 2.38 lbs (1.089 kg)

SK91112 \$54.80

20 ft

Weight: 2.63 lbs (1.179 kg)

SK91120 \$69.36



CONFINED SPACE

FIRE RESCUE

ROPE RESCUE

ROPE ACCESS



PMI® Vari-Rigger



A simple adjustable strap with D-rings on each end. Double around a suitable anchor for a quick rigging point to use as a variable length tether.

Key Features:

- High strength D-rings on both ends
- Buckles slip at 22 kN (5000 lbf)
- Adjustable length: 24" to 96"

MBS: 22 kN (5000 lbf) » Weight: 1.50 lbs (680 g)

SG51033 \$84.00



CONFINED SPACE

FIRE RESCUE

ROPE RESCUE

ROPE ACCESS

Anchorage Connectors

Rope

Webbing and Cordage

Personal Gear

Hardware

Solutions and Kits

Patient Care

Logistics and Support Gear

Training and Education

 **MADE IN THE USA**

PMI® Wire Rope Sling

PMI® wire rope slings are excellent temporary and semi permanent anchors.

Key Features:

- Tubing allows for easier cable inspections
- 5000lbs breaking strength
- Available in 3 and 6 foot lengths

MBS: Basket (U): 22 kN | End-to-end: 22 kN | Choker: 11 kN

3 ft (100 cm)

Weight: 1.00 lbs (453 g)

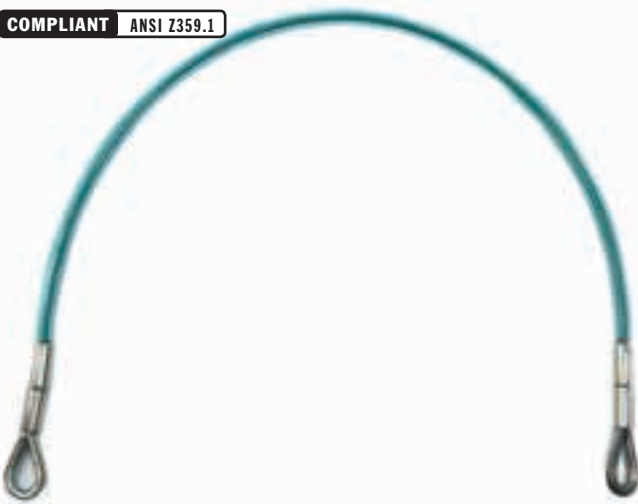
HD26236 \$46.00

6 ft (200 cm)

Weight: 1.45 lbs (657 g)

HD26237 \$60.00

COMPLIANT ANSI Z359.1



FALL PROTECTION

ROPE ACCESS

CONFINED SPACE

ROPE RESCUE

Best Seller!

 **MADE IN THE USA**

PMI® Roller Sling

This anchorage connector features sealed ball bearing rollers and spaces for ease while working on bridges or around pipe where other anchor points aren't prevalent.

Key Features:

- Steel carabiner not included
- Available in 2 or 3 foot lengths

MBS: 22 kN (5000 lbf)

2 ft (61 cm)

Weight: 2.00 lbs (907 g)

HD26246 \$210.00

3 ft (100 cm)

Weight: 2.50 lbs (1.134 kg)

HD26247 \$264.00

COMPLIANT ANSI Z359.1



Carabiner not included.

ROPE ACCESS

ROPE RESCUE

FALL PROTECTION

CONFINED SPACE

PMI® Wire Rope Choker Sling

 **MADE IN THE USA**

This anchorage connector features iridescent blue tubing for easier cable inspections, with offset thimbles so sling can be used in a choker configuration.

Key Features:

- 5000lbs breaking strength
- Available in 3 and 6 foot lengths

MBS: Basket (U): 22 kN | End-to-end: 22 kN | Choker: 11 kN

3 ft (100 cm)

Weight: 1.10 lbs (499 g)

HD26238 \$46.00

6 ft (200 cm)

Weight: 1.60 lbs (730 g)

HD26239 \$60.00

COMPLIANT ANSI Z359.1



FALL PROTECTION

ROPE ACCESS

CONFINED SPACE

ROPE RESCUE

Hardware

Anchorage Connectors

Anchorage Connectors

PMI® Vertical Beam Clamp

The PMI® Vertical Beam Clamp is a fixed I-beam anchor that is easy to operate and designed to clamp onto a vertical or horizontal I-beam to create a fixed anchor point. Designed to clamp onto steel beams from 4"-14" with a flange thickness of .25" - 1.25".

Key Features:

- Weight: 7.1 lbs
- Breaking Strength: 5,000 lbf / 22 kN

Weight: 7.10 lbs (3.220 kg) » MBS: 22 kN (5000 lbf)

HD26249

\$339.95

COMPLIANT ANSI Z359.1



FALL PROTECTION

ROPE RESCUE

UTILITIES SAFETY

ROPE ACCESS

PMI® I Beam Trolley

A removable and reusable rolling I-beam anchor, easy to place and remove. This anchor is designed to easily roll along the beam while trailing the worker.

Key Features:

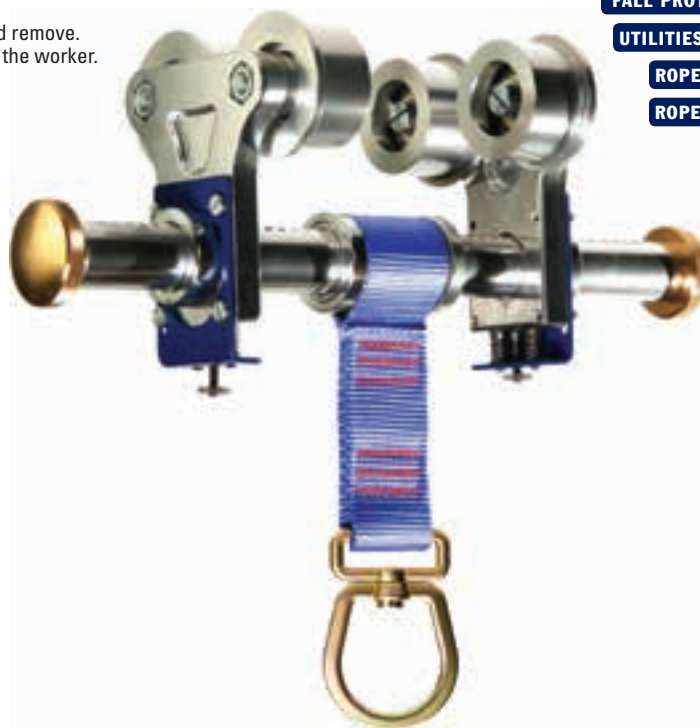
- Sealed ball bearing wheels
- Polyester sling
- 360 degree swivel d-ring
- 3"-10" range
- Stainless lockout screws
- Easy installation
- Extreme strength
- Rated to 22 kNs

Weight: 7.70 lbs (3.493 kg) » MBS: 22 kN (5000 lbf)

HD26243

\$379.95

COMPLIANT ANSI Z359.1



FALL PROTECTION

UTILITIES SAFETY

ROPE ACCESS

ROPE RESCUE



MADE IN THE USA

PMI® Drop Through Anchor Kit

An anchorage connector that be used with steel grates or holes in concrete with openings ranging from 1 3/4" - 2".

Key Features:

- 3/16" steel plate with 8 1/2' cable attached to a swiveling D-Ring
- Used only as overhead anchor in concrete floors, steel girders, grates, and other applications

MBS: 22 kN (5000 lbf) » Weight: 2.60 lbs (1.179 kg) » Length: 8.50 ft (2.6 m) » Plate Dimensions: 4" x 3/16"

HD26232

\$107.25

COMPLIANT ANSI Z359.1 EN 795

FALL PROTECTION

UTILITIES SAFETY

ROPE ACCESS

TOWER WORK

ROPE RESCUE

GLOBAL



Scott Melcer Photography

Anchorage Connectors

PMI® Bantam Beamer

Specifically designed for fall protection, work positioning, restraint, personal riding, and more, this I-Beam Clamp features a 360 degree swivel which allows for ultimate freedom when connected to lanyard or other attachment.

Key Features:

- Can hold up to 310 lbs
- Solid steel design with a 7-series aluminum support rod
- Adjusts from 3.5" to 14"

MBS: 22 kN (5000 lbf) » Weight: 3.48 lbs (1.578 kg)

Blue

HD26229

\$200.00

COMPLIANT ANSI Z359.1 EN 795



FALL PROTECTION

ROPE ACCESS

UTILITIES SAFETY

ROPE RESCUE

GLOBAL

PMI® Mega Swivel 10K Concrete

MADE IN THE USA

This swivel anchor may be used as a permanent or portable anchor and is designed for fall protection, work positioning, restraint, tie back anchoring, four-man life line systems, and more. For use in concrete.

Key Features: • Works in both shear and tensile loads

- D-ring rotates 360 degrees
- D-ring flips 180 degrees
- Heavy gauge zinc plated, forged, heat treated alloy steel
- One concrete bolt included

WLL: 9 kN (2000 lbf) » MBS: 44 kN (10000 lbf) » Weight: 1.80 lbs (816 g)

HD26227

\$85.00

Extra Concrete Bolts

HD26228

\$14.95

COMPLIANT ANSI Z359.1 EN 795



FALL PROTECTION

ROPE ACCESS

UTILITIES SAFETY

ROPE RESCUE

GLOBAL

Best Seller!

PMI® Mega Swivel 10K Steel

MADE IN THE USA

This swivel anchor may be used as a permanent or portable anchor and is designed for fall protection, work positioning, restraint, tie back anchoring, four-man life line systems, and more. For use in steel.

Key Features:

- Works in both shear and tensile loads
- D-ring rotates 360 degrees
- D-ring flips 180 degrees
- One steel bolt included
- Heavy gauge zinc plated, forged, heat treated alloy steel

WLL: 9 kN (2000 lbf) » MBS: 44 kN (10000 lbf) » Weight: 2.00 lbs (907 g)

HD26226

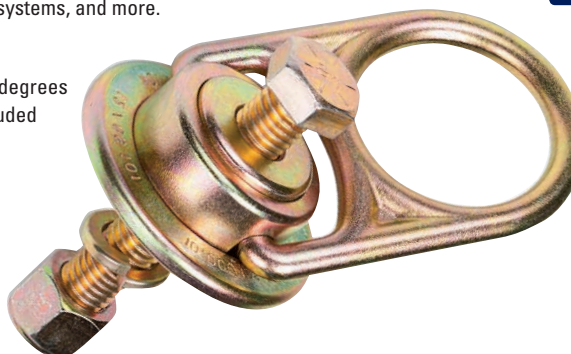
\$75.00

Extra Steel Bolt, Nut and Washer

HD26230

\$14.95

COMPLIANT ANSI Z359.1 EN 795



FALL PROTECTION

ROPE ACCESS

UTILITIES SAFETY

ROPE RESCUE

GLOBAL

Solutions and Kits

PMI offers complete pre-packaged solutions for Rescue at Height, Rope Access, and Fall Arrest. We take the guess work out of a situation and streamline your rescue and work life.

Pre-packaged kits for Hauling, Emergency Bailout, and Personal Escape are also available as products that work for your situation.

Rescue and Evacuation Systems

All safety systems for work at height should include a plan for rescue. With most vertical endeavors, being on-rope is secondary to the actual job being performed. Workers must always ensure that equipment, systems, and methods comply with applicable regulations, and that the method used will safely and effectively perform the job at hand. The following four PMI Solutions offer a complete, ready-to-go kit for rescue in any industry or work situation.

To be effective, rescue systems must be easy to use, safe, and reliable. The following criteria should be applied when evaluating a rescue system:

- 1) Rescuers should not be part of the anchor system.
- 2) In case of operator panic, the lowering or raising device must be "fail-safe".
- 3) Systems should be simple to deploy and operate.
- 4) Subject attachment should be secure.
- 5) Additional parts are not necessary for rope devices when changing from one mode of operation to another.

Designed, Built, and Tested for Rescue

- Self-Rescue
- Companion Rescue by Lower
- Companion Rescue by Raise
- Companion Rescue by Controlled Descent

Work at Height Solutions

Personal work at height systems are designed to make the job at hand easier and more comfortable for the user. Many work at height projects may involve descending, ascending, horizontal traverses, lead climbing, hazardous environments, or moving heavy equipment. Each of the PMI Solutions are ready to use, easy to adjust, and compatible with the rest of the equipment.

The following criteria should be applied when evaluating work at height systems:

- 1) Solution must have the required pieces for the job.
- 2) Each component must be compatible with other system components.
- 3) Solutions should be simple to operate and deploy.
- 4) Equipment attachment should be easy and effective.
- 5) Proper training (find out more at www.verticalrescuesolutions.com).



New! PMI® Rescue Cache Pro

The PMI Rescue Cache Pro saves the professional rope rescuer the hassle of assembling components for a basic high angle rope rescue system. Featuring the SMC NFPA Brake Rack for the lowering component, this kit is packed into a custom bag for both easier storage and quick deployment. Rope not included.

Key Features:

- 1 – Bag with backpack straps
- 2 – 3 ft Supermantles
- 1 – SMC Flex
- 2 – 20 ft of 1" Tubular Webbing
- 2 – 6 ft PMI Anchor Slings
- 1 – Large PMI Rope Pad
- 5 – SMC 2" PMP Single Pulleys
- 2 – Radium Release Hitch Kits
- 16 – SMC FP Lite Alloy Carabiners
- 5 – 20" Sewn Prusik Cord Loops
- 1 – 26" Sewn Prusik Cord Loop
- 1 – SMC NFPA Straight Eye Rack Assembly
- 1 – SMC NFPA Rigging Plate
- 1 – SMC Oval Carabiner
- 5 – SMC Swivels

PMI® Rescue Cache Pro
KT36178 \$2,595.00

**FIRE RESCUE****ROPE RESCUE****CONFINED SPACE****New!****PMI® Rescue Cache Autolock Pro**

Featuring the NFPA 1983 G Rated PMI/ISC Autolocking D5 descender for use with 12.5 mm (1/2") rope (not included), the Rescue Cache Autolock Pro Kit is optimized for the most up-to-date twin-tensioned rope rescue techniques. All the gear you need to effect a high angle rescue are included in this custom made bag for easy storage and deployment.

Key Features:

- 1 – Bag with backpack straps
- 2 – PMI® D5 by ISC
- 2 – 3 ft Supermantles
- 1 – SMC Flex
- 2 – 20 ft of 1" Tubular Webbing
- 2 – 6 ft PMI Anchor Slings
- 1 – Large PMI Rope Pad
- 3 – SMC 2" PMP Single Pulleys
- 1 – SMC 2" PMP Double Pulley
- 2 – Radium Release Hitch Kits
- 9 – SMC FP Lite Alloy Carabiners
- 2 – 20" Sewn Prusik Cord Loops
- 4 – SMC Swivels

PMI® Rescue Cache Autolock Pro
KT36179 \$2,595.00

**ROPE RESCUE****FIRE RESCUE****CONFINED SPACE**

FALL PROTECTION

UTILITIES SAFETY

TOWER WORK

New! PMI® Crane-Tek Rescue Solution

The PMI® Crane-Tek Rescue Solution is designed to meet the needs of workers in high places (ie cranes, etc) who are not wearing a harness but may need to safely evacuate themselves in a hurry.

The D4 Descender forms the foundation of this kit.

Solution Features:

- 11 mm PMI® Extreme Pro Rope (25 m, 66 m, or 100 m)
- 1 – 1 m PMI® Wire Rope Sling
- 1 – PMI® D4 by ISC
- 1 – PMI® Advantage Helmet
- 1 – PMI® Hasty X Evacuation Seat
- 2 – SMC FP Lite Alloy Carabiner
- 1 – SMC ANSI Safety Lock Carabiner
- 1 – Carrying Bag

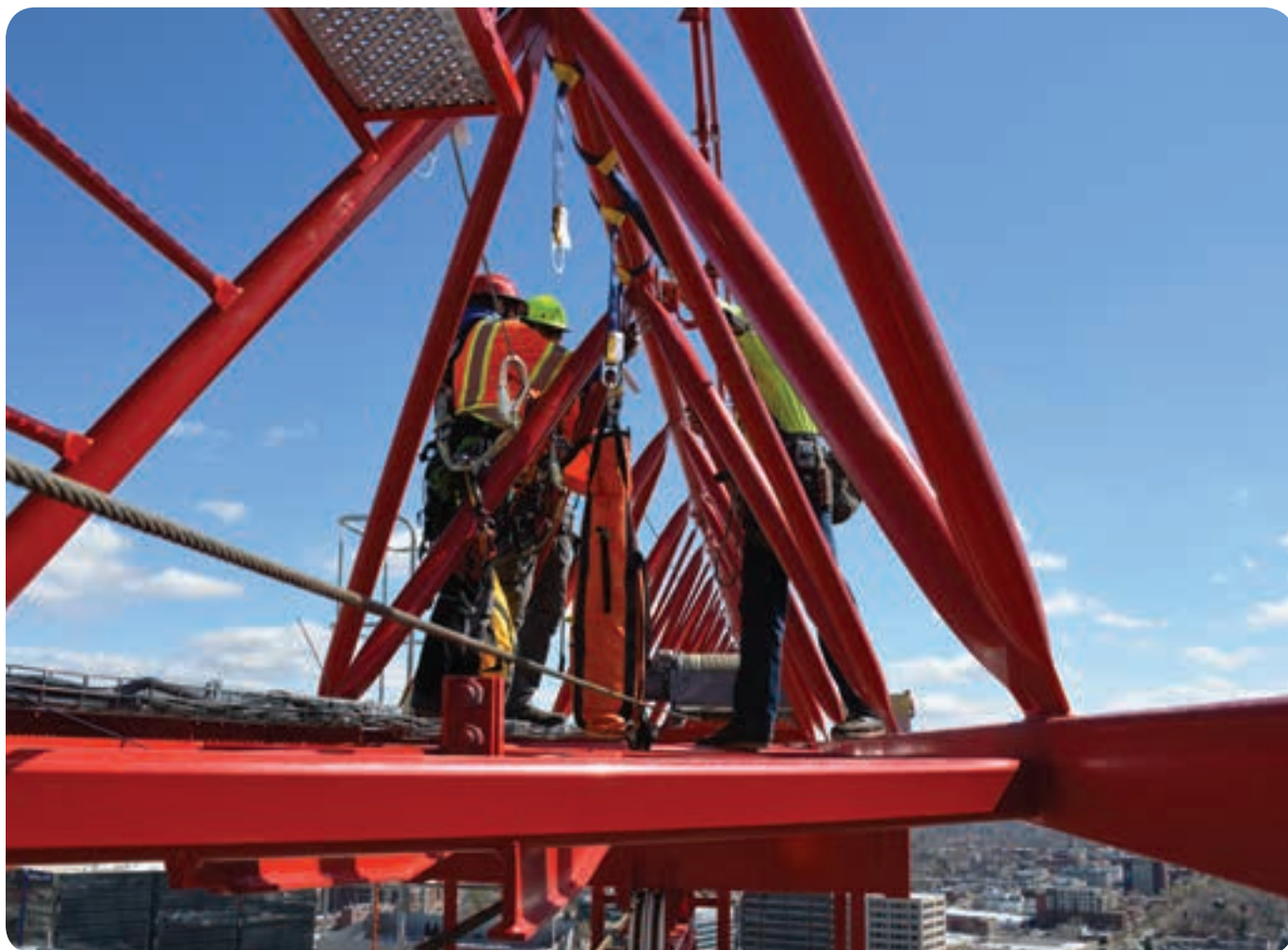
Best Seller!

PMI Crane-Tek Rescue Solution 25 m
KT36176 \$1,320.00

Best Seller!

PMI Crane-Tek Rescue Solution 66 m
KT36166 \$1,395.00

PMI Crane-Tek Rescue Solution 100 m
KT36174 \$1,459.00



PMI® Tower-Tek Rescue Solution

PMI's Tower-Tek Rescue Solution is a "plug-and-play" rescue solution designed and built to meet the demanding rescue needs of tower workers. Self-rescue, tower-based coworker rescue, ground based coworker rescue or a pickoff rescue are all possible with the Tower-Tek Rescue Solution. Using ANSI compliant components, the Tower-Tek stresses a common sense approach to the complicated problem of tower rescue. VRS training on the Tower-Tek Rescue Solution is strongly recommended.

Solution Features:

- 11 mm PMI® Extreme Pro Rope (25 m, 100 m or 122 m)
- 1 – 1m PMI® Wire Rope Sling
- 1 – heightec® Hurricane Pro™
- 1 – PMI® D4 by ISC
- 1 – 2" SMC/RA Stainless Steel Pulley
- 1 – Casualty Attachment Sling
- 4 – SMC FP Lite Alloy Carabiners
- 1 – Pair of Rescue Shears
- 1 – Carrying Bag

PMI Tower-Tek Rescue Solution 25 m
KT36171 \$1,131.00

Best Seller!

PMI Tower-Tek Rescue Solution 100 m
KT36172 \$1,276.00

PMI Tower-Tek Rescue Solution 122 m
KT36173 \$1,316.00



FALL PROTECTION

UTILITIES SAFETY

TOWER WORK

PMI® Fall-Tek Rescue Solution

Designed and built for the rescue of a fallen and suspended coworker, the PMI® Fall-Tek Rescue Solution, features a telescoping pole to hook the suspended worker and then raise or lower them to safety. The Fall-Tek is rescue-ready and pre-rigged with ANSI compliant ropes and hardware. VRS training on the PMI Fall-Tek Rescue Solution is strongly recommended.

Solution Features:

- PMI® Wire Rope Sling
- 1 – heightec® Hurricane Pro™
- 1 – PMI® D4 by ISC
- 1 – 8' Hastings Pole with SureClip
- 1 – Casualty Attachment Sling
- 5 – SMC FP Lite Alloy Carabiners
- 1 – Pair of Rescue Shears
- 1 – Climbing Technology Quick-Up Handled Ascender, Right Handed
- 1 – Carrying Bag

PMI Fall-Tek Rescue Solution 25 m
KT36168 \$2,022.50

PMI Fall-Tek Rescue Solution 50 m
KT36169 \$2,068.00

PMI Fall-Tek Rescue Solution 66 m
KT36170 \$2,098.00

PMI Fall-Tek Rescue Solution 100 m
KT36175 \$2,144.00



FALL PROTECTION

UTILITIES SAFETY

TOWER WORK

New! ISC Haulerbiner Compact Rescue System

The ISC HaulerBiner Rescue is a compact kit, which can be worn on the harness and used for pick-offs in work at height and rope access rescues. The HaulerBiner can also be used to easily adjust the orientation of a stretcher and can be used for short-haul tensioning.

The ISC HaulerBiner device has a theoretical mechanical advantage of either 6:1 or 7:1, depending on the orientation the device is used in. The pulley wheels are mounted in the body of the carabiner, keeping them clear of the anti-tangle mesh outer, preventing it from jamming the wheels. Due to the in-carabiner wheel mounting, the HaulerBiner kit is very compact when fully contracted, giving maximum haul height.

Key Features:

- Lightweight
- 105 cm or 165 cm lengths

MBS: 16 kN (3569 lbf) » WLL: 140 kg (308 lbs)

105 cm	HD26272	\$230.00
165 cm	HD26273	\$245.00



ARBORIST

ROPE RESCUE

UTILITIES SAFETY

CONFINED SPACE

ROPE ACCESS

ROPES COURSE

Best Seller!

PMI®/SMC Advance Tech Haul System **MADE IN THE USA**

The PMI Advance Tech HX Haul System provides a strong and versatile haul option with a built in progress capture cam. This kit is pre-rigged as either a 4:1 or 5:1 mechanical advantage system, depending on orientation.

Also included are two SMC Lite Steel carabiners, a 5 mm oval screw link, and a PMI accessory cord lanyard which releases or sets the progress capture cam. This entire kit comes in a compact storage bag and is ready to deploy.

Key Features:

- Pre-rigged 4:1/5:1 mechanical advantage
- Built-in progress capture system
- SMC Advance Tech HX and Tech Mate pulleys
- Kit includes 10 meters of 9 mm PMI Classic Professional EZ-bend rope
- Pulleys can accommodate rope diameters from 7 mm to 12.5 mm

Weight: **3.15 lbs (1.430 kg)**

KT36158

\$451.00

BERRY COMPLIANT



Rope

Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

Patient
Care

Logistics and
Support Gear

Training and
Education

New! PMI® FP Lite Haul System



If regulatory compliance is a priority, choose this super compact haul system with autolocking ANSI rated connectors features that are designed to meet OSHA regulations. System is completely prerigged and ready for use, offering a 4:1 mechanical advantage in one configuration and a 5:1 mechanical advantage in the other.

Key Features:

- 1 SMC JR Pulley and 1 SMC JRB Pulley
- 2 SMC FP Lite Alloy Carabiners
- 10 m, 7 mm Tuff Cord
- 1 m, 5 mm Accessory Cord
- One 5 mm Oval Screw Link
- 1 Storage Bag (Blue)

Weight: 2.875 lbs (1,305 g)

KT36159

\$245.50

TOWER WORK
FALL PROTECTION
ROPE RESCUE



Kits

Rope

Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

Patient
Care

Logistics and
Support Gear

Training and
Education

ARBORIST

ROPE RESCUE

CONFINED SPACE

ROPE ACCESS

CAVE RESCUE

PMI® Deluxe Haul System

 **MADE IN THE USA**

Compact and strong, this pre-rigged haul system can be used as a 4:1 or 5:1; just flip it end to end. The end of the PMI® 9 mm EZ-Bend is attached to the system instead of free floating.

Key Features:

- 2 SMC Mini PMP Pulleys
- 2 SMC Lite Steel Carabiners
- 10 m, 9 mm EZ-Bend
- 2 m, 6 mm Accessory Cord
- One 5 mm Oval Screw Link
- 1 Storage Bag (Blue)

Weight: 3.10 lbs (1.400 kg)

KT36077

\$388.00

Made with 9 mm Classic Professional (page 18) for better grippability!



PMI® JR Haul System

 **MADE IN THE USA**

The same mechanical advantage as the Deluxe, but in a lighter package. The pre-rigged 4:1/ 5:1 haul system comes SMC's JRB mini pulleys.

Key Features:

- 1 SMC JR Pulley and 1 SMC JRB Pulley
- 2 SMC Aluminum Carabiners
- 10 m, 7 mm Tuff Cord
- 1 m, 5 mm Accessory Cord
- One 5 mm Oval Screw Link
- 1 Storage Bag (Blue)

Weight: 1.85 lbs (840 g)

KT36128

\$199.00

Made with 7 mm Tuff cord (page 38) for less sheath slippage!



ARBORIST

ROPE RESCUE

CONFINED SPACE

ROPE ACCESS

OUTDOOR CLIMBING

RECREATIONAL CAVING

Harken® PowerSeat™ **MADE IN THE USA**

The Harken® PowerSeat™ is an in-seat powered ascender/descender for vertical rope work and rescue. Gas-powered, the PowerSeat™ is designed to stay in an upright position, allowing technicians to work comfortably. A dead man's switch controls ascent speed up to 15 m/min (49.2 ft/min), while a fail-safe braking system controls descent and prevents free-falls. Weighing in at 30.80 lbs (14.00 kg), its maximum working load is 601.80 lbs (273 kg), allowing two-person rescue operations. It is CE certified to Machinery Directive and verified by Bureau Veritas. Applications include: mountain rescue, industrial maintenance, wind turbine & offshore construction, engineering and inspections, marine & rigging.

Key Features:

- Ergonomic design
- A winch brake offers security against a free fall
- Variable speed control with a fail-safe switch
- Steel bearings reduce friction and maximize reliability

Working Load Limit: 273 kg (601.8 lbs) » Weight: 30.90 lbs (14.00 kg)

HD26234

\$7,040.00



ARBORIST
UTILITIES SAFETY
ROPE ACCESS
TOWER WORK
ROPE RESCUE

Harken® PowerSeat™ – Battery Powered

The battery powered PowerSeat™ presents a wide range of possibilities for confined space, rope access & rescue. The PowerSeat™ quietly delivers a powerful 661.4 lb (300 kg) hoist capability, it provides increased productivity and efficiency. Suitable for rope access and rescue applications. *Must be used with a Fall-Arrest system

Key Features:

- Ergonomic design
- Braking system has panic and hands free options
- Encapsulating jaw cover protects against accidental snags
- Variable speed control
- 48V lithium-ion battery with a BMS (Battery Management System) to preserve its useful life. Battery enclosure certified to IP54

Working Load Limit: 300 kg (661.4 lbs) »

Weight: 30.90 lbs (14.00 kg) »

Battery Life: 550 m at 125 kg »

Max Ascent Speed: 45.9 ft/min (14m/min)

HD26260

\$8,372.00

Harken® Replacement Battery

HD26262

\$1,133.00



Replacement battery is for
Harken™ PowerSeat - Battery Powered or
Battery Powered Compact.

ARBORIST
UTILITIES SAFETY
ROPE ACCESS
TOWER WORK
ROPE RESCUE

Harken® PowerSeat™ – Battery Powered Compact

The PowerSeat™ Battery Powered Compact can be used as a lightweight portable winch or as a mechanical ascender for work at height, rescue & winching applications. *Must be used with a Fall-Arrest system

Key Features:

- Lightweight and compact ergonomic design
- Braking system has panic and hands free options
- Encapsulating jaw cover protects against accidental snags
- Variable speed control
- 48V lithium-ion battery with a BMS (Battery Management System) to preserve its useful life. Battery enclosure certified to IP54

Working Load Limit: 300 kg (661.4 lbs) » Weight: 30.90 lbs (14.00 kg) »

Battery Life: 550 m at 125 kg » Max Ascent Speed: 45.9 ft/min (14m/min)

HD26261

\$7,862.00



Harken® Riggers Winch 500

The Harken® Riggers Winch is lightweight, CE certified, portable winch mounted to a robust adaptor plate. Weighing in at 15.40 lbs (7.000 kg), it has a 1/2 ton Working Load Limit, and the 2 speed winch magnifies the operator pulling power by up to 40 times.

Key Features:

- Full-strength, sculpted mounting plate removes excess weight and provides multiple attachment points
- The pigtail line lead ensures correct rope alignment
- Drum design maximizes grip on the rope
- Designed for 10 mm-12.7 mm kernmantle ropes
- CE certified under EN 13157

MBS: 24.5 kN (5508 lbf) » Working Load Limit: 4.9 kN (1102 lbf) » Weight: 15 lbs (7.000 kg) » Length: 11.40" (29.0 cm) » Width: 11.40" (29.0 cm)

HD26263 \$1,725.00

COMPLIANT CE EN 13157

HARKEN®
INDUSTRIAL



ROPE RESCUE
WILDERNESS RESCUE
CONFINED SPACE
UTILITIES SAFETY
ROPE ACCESS
TOWER WORK
GLOBAL

Rope
Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

Patient
Care

Logistics and
Support Gear

Training and
Education



Harken® LokHead Winch 500 Kit

This man-riding portable capstan winch is designed for confined space retrieval or for use with davit systems using an unlimited length of kernmantle rope. The captive head keeps the rope from accidentally releasing. Rigged to a tripod, it can be used for confined-space rescue, for load moving/hauling, and man-riding. The Harken® LokHead Winch weighs 9.30 lbs (4.200 kg) and offers a 40:1 power ratio with 2 gears. The LokHead winch kit comes with winch, mounting plate, 10" winch handle, control lever, tripod adapter, anchor strop, connectors and a heavy duty carry case.

Key Features:

- Encapsulating jaw cover prevents objects from catching in the winch
- Lightweight at 9.30 lbs (4.200 kg)
- Can be incorporated into tripod setup
- Works with rope 10 -12.7 mm
- Certified to EN13157:2009 (Machinery Directive harmonized standard) for lifting goods and equipment, as well as EN1496:2007 as a rescue lifting device.

MBS: 24.5 kN (5508 lbf) » Working Load Limit: 4.9 kN (1102 lbf) » Weight: 9.30 lbs (4.200 kg) - winch only

HD26265 \$2,822.00

COMPLIANT CE EN 13157:2009 EN 1496:2007

UTILITIES SAFETY
ROPE RESCUE
ROPE ACCESS
TOWER WORK
GLOBAL

Harken® Power Drill Adaptor

The Harken® Power drill adaptor is designed to work with a 1/2" right angle drill.

HD26264 \$35.25



Kits

PMI® Ladder Rescue Kit

PMI's Ladder Rescue Kit is designed for the rescue of a fallen and suspended worker with minimal prior rescue training. The Rescue Ladder System allows the victim to climb up safely while being protected by the top rope grab system. This reduces the risk of a secondary fall. The PMI® Ladder Rescue Kit is equipped with a fast-drop 18' foot ladder and a locking ANSI steel carabiner for quick attachment. .

Key Features:

- Progress Capture Belay Device
- Aluminum bar rungs sewn into heavy duty black webbing
- ClimTech ANSI Steel Carabiner
- 2" Heavy Duty Black Nylon Webbing Ladder
- Static 11 mm nylon rope
- Ballistic nylon deployment bag

Weight: 8.20 lbs (3.719 kg)

KT36164

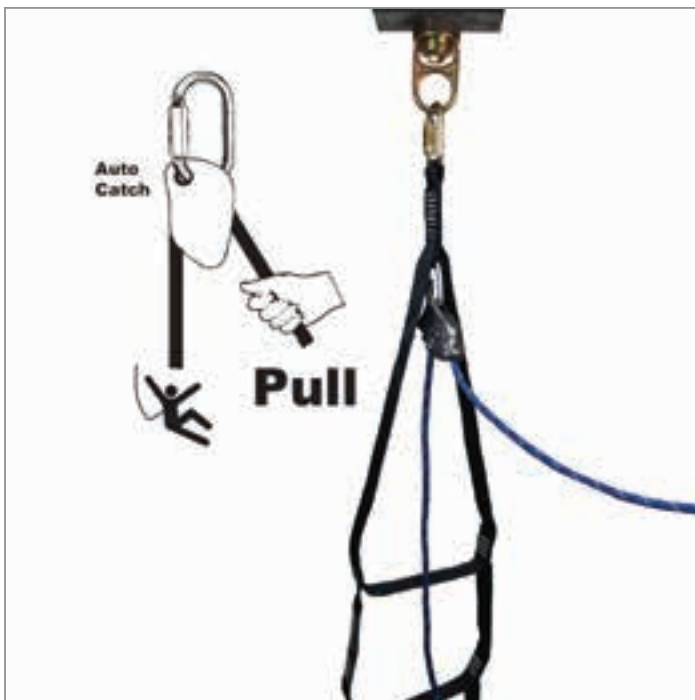
\$680.00

UTILITIES SAFETY

CONFINED SPACE

ROPE ACCESS

TOWER WORK



Special Order!

Flexible Sided Ladders

RECREATIONAL CAVING

Flexible sided ladders are a cost effective, lightweight solution for temporary access to confined spaces and difficult to reach locations. Even with minimal training, ladders can easily be transported and rapidly deployed for use. Personnel utilizing ladders should always use a separate fall protection system for safety.

Construction: The rungs are hollow tubes with a dowel insert. Rungs are secured to the side wire ropes with pins and resin. A pin is driven through the center of the rope into the dowel and set in resin to form a solid block inside the rung. A plastic cap is then pushed in to seal the rung end. Black rungs are cut to size and drilled before treatment to ensure that the alloy tube is 100% anodized.

Compact Ladders

General purpose ladder for ascending/descending. Used for applications such as manhole entry, caving, and access to lighting truss. With fitness and a little practice, they are easy to climb.

Key Features:

- Standard lengths are 5 m and 10 m
- Can be connected together for longer lengths
- Swaged eye ends
- Rungs are 6.0" wide
- Requires a separate fall protection system
- Other lengths made to order
- Easy to carry and store
- Two rung spacing options
- Aluminum rungs are 0.50" diameter

Plain Finish Rung, 4 mm Galvanized Steel Cables, Swaged Eye Ends

5 m long w/25 cm rung spacing	2.87 lbs (1.300 kg)	LD39001	\$276.00
10 m long w/25 cm rung spacing	5.73 lbs (2.600 kg)	LD39003	\$514.50

Plain Finish Rung, 3 mm Galvanized Steel Cables, Swaged Eye Ends

10 m long w/30 cm rung spacing	3.97 lbs (1.800 kg)	LD39008	\$418.25
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Black Anodized Rung, 4 mm Stainless Steel Cable, Swaged Eye Ends

5 m long w/30 cm rung spacing	2.65 lbs (1.200 kg)	LD39042	\$310.00
10 m long w/25 cm rung spacing	5.73 lbs (2.600 kg)	LD39043	\$732.00

Wide Rung Ladders

General purpose ladder for ascending/descending. Used for work positioning applications. With fitness and a little practice, they are easy to climb. Pricing per meter for custom lengths.

Key Features:

- Useful for work positioning
- Rungs are 10.6" wide
- Larger diameter rungs are more comfortable to stand on for long periods of time
- Used for applications such as cleaning, inspection, and vessel entry
- GRP rungs are 1.3" diameter
- Wide enough to fit both feet side by side
- Aluminum rungs are 1" diameter

Wide Aluminum Rung, 4 mm Galvanized Cable, Swaged Eye Ends

1 m long w/30 cm rung spacing	1.37 lbs (620 g)	LD39046	\$90.00
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Wide Black Aluminum Rung, 4 mm Stainless Steel Cable, Swaged Eye Ends

1 m long w/30 cm rung spacing	1.37 lbs (620 g)	LD39048	\$95.00
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Wide GRP Rung, 4 mm Stainless Steel Cable, Swaged Eye Ends

1 m long w/25 cm rung spacing	2.09 lbs (950 g)	LD39050	\$141.80
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Wide GRP Rung, 8 mm Polyester Rope, Swaged Eye Ends

1 m long w/30 cm rung spacing	2.34 lbs (1.060 kg)	LD39052	\$98.00
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LADDER RUNGS

Select from Alloy, Anodized Aluminum, and GRP.



Alloy



Black Anod Al



GRP

Find out more Ladder specifications online at
www.pmirope.com/professional/learn/product-resources

Kits

Radium Release Hitch Kit



MADE IN THE USA

Radium Release Hitches are a great alternative to load release straps, and often out-perform them under heavy loads. The Radium can extend to 9-plus feet, and with its two carabiners, it's easy to set up.

Key Features:

- 9 + ft extension
- Integral carabiners
- Pre-tied with 8 mm accessory cord
- Handy carry bag ensures quick, tangle-free deployment
- Instructions to re-tie hitch included

Weight: **1.81 lbs (816 g)**

KT36074

\$120.25



ROPE RESCUE

UTILITIES SAFETY

CONFINED SPACE

ROPE ACCESS

Also consider using the PMI MultiStrap as a release hitch. See page 42.

RELEASING THE LOAD

A Load-Releasing Hitch (LRH) is typically tied with accessory cord and rigged between the anchor and a tandem prusik belay or any device that can not easily be released when loaded. An effective load release mechanism must be able to sustain a significant shock load and still be used to safely release tension in the belay system by extending up to several meters. For many rescue teams, the Radium Release Hitch is the preferred LRH. An LRH serves two primary purposes:

- 1) If the belay line becomes loaded accidentally, the LR hitch can be used to shift the load back to the main line and "release" the load on the belay.
- 2) The LR hitch can be used for load transfer purposes other than belaying, such as knot passing, changing over from a raising system to a lowering system, or from a lowering system to a raising system. An LRH placed between anchors and load bearing devices like belays, rope grabs, and descenders can make it easy to recover from rigging snafus without extensive system adjustments.

While there are other load release systems out there (load release strap, mariners straps, etc.), none have been proven as safe and effective as the Radium.



Sherrill Big Shot

Rapidly deliver a leader line across difficult vertical or horizontal terrain with this innovative and economical alternative to traditional "line guns." This unit can be assembled in a matter of seconds and will throw a lightweight Spectra® line up to 120 vertical feet or more than 300 feet horizontally.

Deluxe Kit

Includes two 4 ft fiberglass poles, Big Shot head, 300-feet of monofilament line, 300-feet of Neon 3 line, throwline bag, 8 and 10 oz throw weights, replacement Big Shot tubing, and heavy-duty carrying case.

Height: 10.75" (27.3 cm) » Width: 7.50" (19.0 cm)

» Length: 51.50" (130.8 cm) » Weight: 14.31 lbs (6.490 kg)

LT41010 **\$299.99**

Head Assembly Only

Height: 4.25" (10.8 cm) » Width: 9.25" (23.5 cm)

» Length: 14.88" (37.8 cm) » Weight: 2.19 lbs (993 g)

LT41001 **\$67.95**

8 Foot Two-piece Pole

Weight: 3.13 lbs (1.420 kg)

LT41009 **\$65.88**



WILDERNESS RESCUE

ARBORIST

ROPE ACCESS



Patient Care

At the core of every rescue is patient care. As a rescuer, you take seriously your responsibility to assist the people who need your help. PMI understands the determination that drives you. That's why we work hand in hand with our friends at Cascade, Skedco, and heightec® to bring you gear that is designed with your safety, and the safety of others, always at the forefront.



Cascade Professional Series **MADE IN THE USA**

Known to be technically advanced and nearly indestructible, this litter includes a padded patient contour support for patient comfort. The mesh liner is durathene UV resistant and has 1.5" wide pass through buckles.

Key Features:

- Tapered or rectangular shape
- One or two piece versions
- Available with the PMI FAST

Height: 6.25" (16.0 cm) » Width: 25.50" (64.8 cm) » Length: 83.00" (211.0 cm)

Steel One Piece

Weight: 31.00 lbs (14.061 kg)

Tapered	PE42040	\$450.00
Rectangular	PE42143	\$450.00

BERRY COMPLIANT

Stainless One Piece

Weight: 31.00 lbs (14.061 kg) »

Weight with PMI® FAST: 35.00 lbs (15.876 kg)

Tapered	PE42041	\$875.00
Tapered w/ PMI® FAST	PE42116	\$1,172.00
Rectangular	PE42144	\$875.00
Rectangular w/ PMI® FAST	PE42151	\$1,172.00

BERRY COMPLIANT COMPLIANT NFPA 1983 (2017)

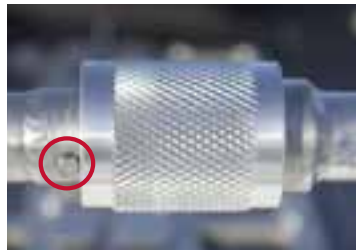
Stainless Two Piece

Weight: 32.00 lbs (14.515 kg) »

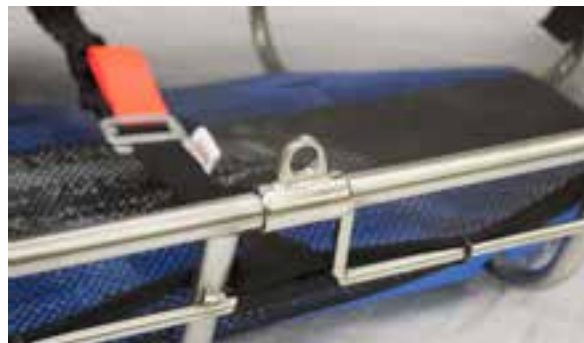
Weight with PMI® FAST: 36.00 lbs (16.329 kg)

Tapered	PE42042	\$1,275.00
Tapered w/ PMI® FAST	PE42097	\$1,572.00
Rectangular	PE42145	\$1,275.00
Rectangular w/ PMI® FAST	PE42152	\$1,572.00

BERRY COMPLIANT COMPLIANT NFPA 1983 (2017)



QuickLock is standard on all Two Piece Litters.



Steel



Stainless

All Cascade litters except the Professional Steel One Piece Litters (PE42040 and PE42143) feature four standard Articulating Lift Points - ALP's (Patented). ALP's may be used for either vertical or horizontal lift. Rated at 2,000 lbs per ALP, they can rotate about the top rail and be used for virtually any load bearing work.

Rigid Litters and Accessories



Cascade Professional Series Titanium

A titanium version of the litter that is known to be technically advanced and nearly indestructible. Simply the most advanced litter available. The mesh liner is durathene UV resistant and has 1.5" wide pass through buckles.

Key Features:

- Titanium frame in a tapered or rectangular shape
- One or two piece versions
- Available with the PMI FAST

Height: 6.25" (16.0 cm) » Width: 25.50" (64.8 cm) » Length: 83.00" (211.0 cm)

One Piece

Weight: 13.75 lbs (6.237 kg) » Weight with PMI® FAST: 17.75 lbs (8.051 kg)

Tapered	PE42099	\$2,300.00
Tapered w/ PMI® FAST	PE42118	\$2,597.00
Rectangular	PE42141	\$2,300.00
Rectangular w/ PMI® FAST	PE42149	\$2,597.00

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017)

Two Piece

Weight: 14.90 lbs (6.759 kg) » Weight with PMI® FAST: 18.90 lbs (8.573 kg)

Tapered	PE42095	\$2,900.00
Tapered w/ PMI® FAST	PE42117	\$3,197.00
Rectangular	PE42142	\$2,900.00
Rectangular w/ PMI® FAST	PE42150	\$3,197.00

BERRY COMPLIANT **COMPLIANT** NFPA 1983 (2017)

All Cascade Litters have been tested to meet a minimum working load strength of 2500 lbs in a four point harness from the railings.



Choose the PMI® FAST (page 125) system with any of the Cascade Litters. Installation is free!



Cascade Litter Flotation System



Fits all Cascade Professional Series and Advance Series litters. Keeps the patient's head above water.

Key Features:

- Ideal on ocean, lake and swiftwater rescues
- Floats the litter, patient, and rescuer

Weight: 11.00 lbs (5.000 kg)

PE42140 \$385.00



Rigid Litters and Accessories

Litter Skin

Designed for use with Cascade's Professional Series litters. If rescuing in snow, ice, rock or anything abusive and rough, this is the solution.

Key Features:

- Easy on/off attachment
- Constructed with HDPE

Weight: 8.00 lbs (3.630 kg)



Litter not included.

Tapered	PE42177	\$175.00
Rectangle	PE42181	\$175.00

Replacement Mesh Liner

Replacement flexible mesh liners to fit Cascade and most other brands of basket style litters. Can even be used to replace the knuckle busting "chicken wire" mesh still found on some litters.

Key Features:

- Plastic coated flexible mesh
- Include zip ties for attachment
- Fits tapered and rectangular litters

Weight: 2.50 lbs (1.134 kg)

One Piece	PE42147	\$50.00
Two Piece	PE42148	\$55.00

PMI® FAST



The PMI® FAST pre-installed in your litter allows you to lash in a patient in a fraction of the time it takes the traditional way. Color coded shoulder and leg straps hold the patient securely, while wide stirrups hold them toward the head.

Key Features:

- Metal buckles for a secure connection
- Easily accommodates an injured body part
- No need to tie knots
- Girth hitches allow attachment to most rigid litters

Weight: 3.70 lbs (1.670 kg)

PE42059	\$297.00
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Litter and carabiner not included.

One Piece Litter Storage Bag

Designed to protect your litter from sun, rain, and snow; even while stored on top of your rescue vehicle. Designed with extra room for other rescue gear to be stored inside the bag.

Key Features:

- Made from 18 oz vinyl
- Wide webbing carrying handles
- Weatherproof closure

Weight: 2.50 lbs (1.130 kg)

PE42164

\$195.00



Special Order! Cascade Abrasion Guard

If your working environment demands extended periods of dragging or sliding over rocks, snow, ice, and other rough terrain, Abrasion Guard helps reduce drag and protects the bottom of your Advance Series Litter (pages 126-127).

Key Features:

- Superior protection

Weight: 3.00 lbs (1.360 kg)

PE42090	\$75.00
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Cascade Two Piece Litter Backpack

Designed to protect your litter from sun, rain, and snow; even while stored on top of your rescue vehicle. Extra room for other rescue gear to be stored inside the bag.

Key Features:

- Cordura
- Padded adjustable shoulder straps
- Weatherproof closure
- Compression straps for load stabilization

Weight: 6.50 lbs (2.950 kg)

PE42165	\$155.00
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Rigid Litters and Accessories

Special Order! Cascade Advance Series Model 200 **MADE IN THE USA**

The ultimate small team response litter for use on snow, rock, ice, or asphalt. Crafted from hand laminated composites.

Key Features:

- Stainless steel handrails
- Articulating lift points
- Patient restraint straps

Height: 5.50" (14.0 cm) »

Width: 21.50" (54.6 cm) »

Length: 82.00" (208.3 cm)

One Piece

Weight: 17.50 lbs (7.938 kg) » Weight with PMI® FAST: 21.50 lbs (9.752 kg)

Cascade 200 Advance	PE42080	\$950.00
with PMI® FAST	PE42128	\$1,247.00

Two Piece

Weight: 19.00 lbs (8.620 kg) » Weight with PMI® FAST: 23.00 lbs (10.433 kg)

Cascade 200 Advance	PE42081	\$1,225.00
with PMI® FAST	PE42120	\$1,522.00

BERRY COMPLIANT



MADE IN THE USA

Cascade Advance Series MAX

The wide version of the ultimate small team response litter for use on snow, rock, ice, or asphalt. Accommodates up to a 16" wide backboard.

Key Features:

- Stainless steel handrails
- Articulating lift points
- Patient restraint straps

Height: 6.25" (15.2 cm) » Width: 25.00" (63.5 cm) »

Length: 82.00" (208.3 cm)

One Piece

Weight: 24.00 lbs (10.866 kg) »

Weight with PMI® FAST: 28.00 lbs (12.701 kg)

Cascade MAX Advance	PE42084	\$925.00
with PMI® FAST	PE42115	\$1,225.00

Two Piece

Weight: 26.00 lbs (11.79 kg) »

Weight with PMI® FAST: 30.00 lbs (13.608 kg)

Cascade MAX Advance	PE42085	\$1,225.00
with PMI® FAST	PE42096	\$1,522.00

BERRY COMPLIANT



MADE IN THE USA

Cascade Advance Series Model 200 Confined Space

The narrow version of the ultimate small team response litter for use on snow, rock, ice, or asphalt. Provides excellent subject protection and easy maneuverability.

Key Features:

- Designed for urban or cave rescue
- Stainless steel handrails
- Articulating lift points
- Patient restraint straps

Height: 5.00" (12.7 cm) » Width: 19.50" (49.5 cm) » Length: 82.00" (208.3 cm)

One Piece

Weight: 17.50 lbs (7.938 kg) » Weight with PMI® FAST: 21.50 lbs (9.752 kg)

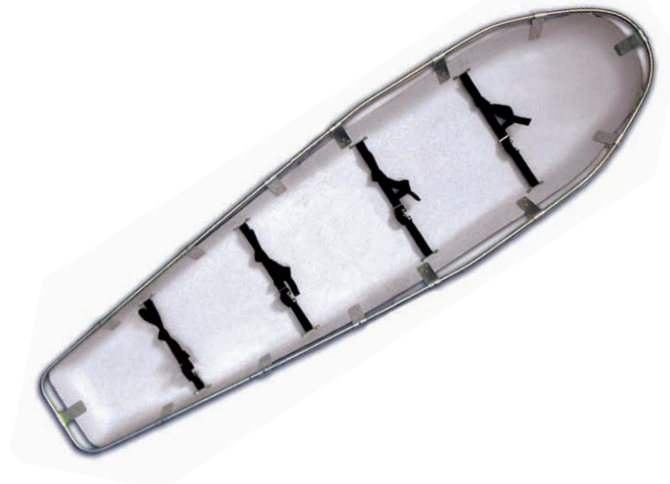
Cascade 200 CS	PE42179	\$950.00
with PMI® FAST	PE42187	\$1,247.00

Two Piece

Weight: 19.00 lbs (8.620 kg) » Weight with PMI® FAST: 23.00 lbs (10.433 kg)

Cascade 200 CS	PE42198	\$1,225.00
with PMI® FAST	PE42188	\$1,522.00

BERRY COMPLIANT



Cascade Advance Series Titania Model 200



This Advance Series litter is exceptionally strong yet flexible, weighing in Titanium construction makes this litter tough, exceptionally strong, and flexible. Lightweight and extremely abrasion resistant.

Key Features:

- Great on snow, rock, ice, or asphalt
- Titanium handrails
- Patient restraint straps

Height: 5.50" (14.0 cm) » Width: 21.50" (54.6 cm) » Length: 82.00" (208.3 cm)

One Piece

Weight: 13.50 lbs (6.123 kg) » Weight with PMI® FAST: 17.50 lbs (7.938 kg)

Cascade 200 Titania Advance	PE42199	\$1,700.00
with PMI® FAST	PE42168	\$1,997.00

Two Piece

Weight: 15.50 lbs (7.030 kg) » Weight with PMI® FAST: 19.50 lbs (8.845 kg)

Cascade 200 Titania Advance	PE42200	\$1,850.00
with PMI® FAST	PE42167	\$2,147.00

BERRY COMPLIANT



Cascade Advance Series TitaniMAX



The wide version of the tough, exceptionally strong, and flexible titanium litter. Accommodates up to a 16" wide backboard.

Key Features:

- Great on snow, rock, ice, or asphalt
- Titanium handrails
- Patient restraint straps

Height: 6.25" (16.0 cm) » Width: 25.00" (63.5 cm) » Length: 82.00" (208.3 cm)

Two Piece

Weight: 19.50 lbs (8.845 kg) » Weight with PMI® FAST: 23.50 lbs (10.659 kg)

Cascade TitaniMAX Advance	PE42086	\$1,850.00
with PMI® FAST	PE42119	\$2,147.00

BERRY COMPLIANT



PMI® Tarantula



An adjustable four leg webbing litter spider sewn onto a forged O-ring. Litter and carabiners in photo not included.

Key Features:

- Legs independently adjustable
- Heavy duty webbing
- Attendant line and storage bag

Weight: 4.63 lbs (2.100 kg)

PE42020 \$198.00



Rigid Litters and Accessories



MADE IN THE USA

New! Cascade Rescue Equalizer Adjustable Handle System

A litter handle system that installs easily and works well. This system fits all Cascade Rescue Professional litters. The Equalizer easily and quickly attaches to all Cascade Professional and Advance Series litters.

Key Features:

- Handles adjust to any height or size rescuer
- Large, easy grip handles

Weight: 7.350 lbs (3.334 kg) - 14.60 lbs (6.622 kg)

Professional Series - Titanium	PE42202	\$825.00
Professional Series - Stainless Steel	PE42203	\$610.00
Advance Series - Titanium	PE42204	\$825.00
Advance Series - Stainless Steel	PE42205	\$465.00
Advance MAX - Titanium	PE42206	\$825.00
Advance MAX - Stainless Steel	PE42207	\$465.00
CMC Style - Titanium	PE42208	\$850.00
CMC Style - Stainless Steel	PE42209	\$635.00

ROPE RESCUE
WILDERNESS RESCUE



Brake Closeup.



Handles Nested.

Litter and Wheel not included.



New! Cascade Terra Tamer

An exceptionally light, obstacle crushing all-terrain wheel that fits on any litter using a rapid attachment system. Complete control is made possible by an adjustable brake lever and disc brake system.

Key Features:

- Durable titanium frame
- Stainless steel components

Weight: 15.40 lbs (6.985 kg)

Wheel w/ attachment	PE42201	\$1,450.00
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Litter not included.



Cascade Trail Tech

Attaches to any litter by looping the straps around the saddle. After patient is loaded, the wheel assembly locks on in less than two seconds.

Key Features:

- Sealed disk brake and bearings
- Ratchet levers for a sure fit

Weight: 20.00 lbs (9.070 kg)

Wheel for 3/4" top rail w/Brake Lever Clamp	PE42087	\$1,100.00
Wheel for 5/8" top rail w/Brake Lever Clamp	PE42133	\$1,100.00

Now comes with Disk Brakes.



New! Cascade Terrain Master

Reinvented, the new Terrain Master delivers when the going gets tough. Ideal for rough, muddy, sandy or snow covered trails. The Terrain Master has a tough steel frame, powder coated for durability and sports a machined aluminum rim with a stainless steel hub. We've also upgraded the all-terrain tire to a larger tire with both greater diameter and width, giving the Terrain Master even more capability on soft surfaces while providing enhanced patient comfort; all at a great price point. The Terrain Master is a superior device in both quality and functionality.

Key Features:

- Neoprene Lined Saddle
- 8" Billet Machined Aluminum Wheel
- Burley 22" High by 11" Knobby Tire
- 2 Stainless Steel Quick Ratchet Straps
- Extreme Duty Powder Coated Steel Frame

Weight: 30.00 lbs (13.608 kg)

Wheel w/ assembly	PE42138	\$875.00
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Flexible Litters and Accessories

Sked® Rapid Deployment System



This unique system features a Sked® Stretcher pre-rigged for extremely rapid deployment into the water. Using CO2 inflatable float logs, this system can be in the water, ready to use in less than 30 seconds.

Key Features:

- Package a patient in 30 seconds
- Large duffel bag
- System is fully rigged inside the bag
- Designed for military use

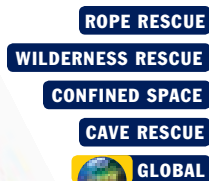
Weight: 36.00 lbs (16.329 kg)

Orange

SK6500R

\$1230.56

COMPLIANT CE



Sked® Rapid Deployment Conversion Kit

If you already possess a Sked® Basic Rescue System, this kit includes everything for rapid deployment except the stretcher.

Weight: 16.00 lbs (7.257 kg)

Orange

SK6510R

\$646.35



Sked® Basic with Cobra® Buckles



The original best solution for confined space, high angle, and land based rescues. Provides outstanding patient protection and security. Comes equipped for horizontal hoisting by helicopter or for vertical hoisting in caves or industrial confined spaces.

Key Features:

- Skedco/Cobra buckles rated at 3,000 lbs
- Horizontal lift slings, Tow strap, and Vertical lift sling
- Removable webbing handles and Steel Locking D carabiner

Width: 36.00" (91.4 cm) » Length: 96.00" (243.8 cm) »
Weight: 19.00 lbs (8.620 kg) »
Bag Dimensions: 8"x 8"x 37"

Orange SK200COR \$759.95



Best Seller!



Sked® Basic Rescue System



A complete solution for confined space, high angle, technical rescue, and traditional land based applications. The durable plastic litter provides protection for the patient while allowing extrication through demanding confined spaces.

Key Features:

- Cordura backpack
- Horizontal lift slings
- 30 ft PMI vertical lift line
- Steel locking D carabiner and a 6 ft tow strap

Width: 36.00" (91.4 cm) » Length: 96.00" (243.8 cm) »
Weight: 17.00 lbs (7.710 kg) » Bag Dimensions: 8"x 8"x 37"

Orange SK2002 \$614.95

Sked® Foam Flotation Package



This self-righting flotation system maintains the Sked® in a nearly vertical position even in rough water. Two rigid foam side floats and an inflatable chest bladder provide buoyancy sufficient to support two rescuers in addition to the patient.

Key Features:

- Two rigid foam floats
- Inflatable chest bladder
- 15 lb foot ballast bag

Weight: 17.00 lbs (7.710 kg)

Orange SK6000R \$378.27

COMPLIANT CE



Flexible Litters and Accessories

 **MADE IN THE USA**

Oregon Spine Splint

Oregon Spine Splint helps to safely remove patients from injury sites without doing further damage to the spine.

Key Features:

- Easy access to chest and abdomen
- Forehead restraint
- Carrying case
- Doubles as a hip or leg splint

Weight: 10.10 lbs (4.600 kg)

Orange SK300 \$230.73

COMPLIANT CE



ROPE RESCUE

WILDERNESS RESCUE

CONFINED SPACE

CAVE RESCUE

 **GLOBAL**

New! Wrap Evac Harness

The Wrap Evac rescue harness allows you to completely secure your patient, even in extremely small and restricted spaces. A sliding head harness easily adjusts to different body sizes, providing cervical immobilization. Extremely versatile, the Wrap Evac harness can be used without the backboard for confined space rescue, and it can be used for both vertical lifting or horizontal movement.

Key Features:

- Sliding head harness
- Removable backboard
- Heavyweight handles for carrying
- 4 color-coded quick connect straps
- Adjustable harness straps
- Detachable skid plate

Weight: 19.00 lbs (8.600 kg) »

Max Capacity: 300 lbs (136 kg)

PE42175 \$1,375.00

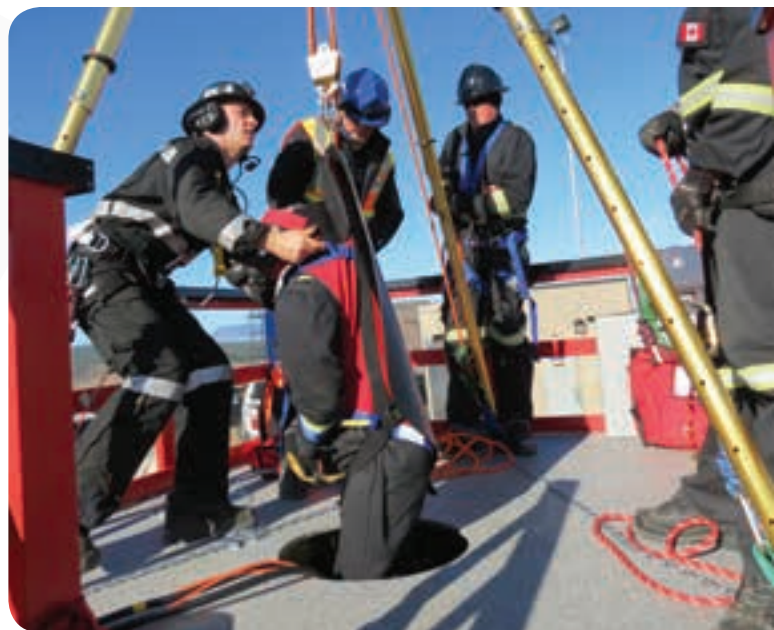
ROPE RESCUE

WILDERNESS RESCUE

CONFINED SPACE

CAVE RESCUE

 **GLOBAL**



Half Sked® Patient Drag **MADE IN THE USA**

Half as long as the original Sked®. Allows patients to bend at the hips, providing greater flexibility in demanding and tight spaces.

Key Features:

- Designed for tight spaces
- Quick connect buckles

Weight: 8.00 lbs (3.700 kg)

Orange SK220 \$213.51

COMPLIANT CE



ROPE RESCUE

WILDERNESS RESCUE

CONFINED SPACE

CAVE RESCUE

 **GLOBAL**

Flexible Litters and Accessories

HMH Sked®



Designed for use in mass casualty or Haz-Mat incidents. Patients can be rolled or dragged onto the HMH Sked® rather than lifted.

Key Features:

- Straps are chemical resistant
- No grommets to trap contaminants

HMH Sked® w/strap kit	13.00 lbs (5.900 kg)	SK250	\$326.73
HMH Sked®, body only	11.00 lbs (4.990 kg)	SK251	\$266.63
Rapid Deployment Case	4.00 lbs (1.820 kg)	SK253	\$109.27

COMPLIANT CE



Sked® Cobra® Buckle Conversion Kit

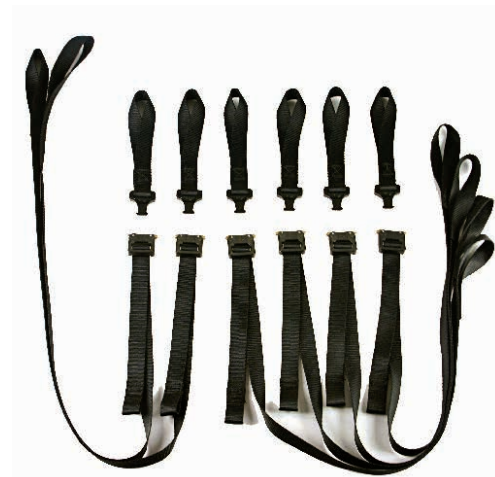
A quick connect/quick release buckle for the Sked®. These Austrian-made buckles are rated at 3,000 lbs. Durable and easy to use, this retrofit kit fits any Sked®.

Key Features:

- Fast patient packaging
- Durable and easy to use

MBS: Buckle - 13.3 kN (3000 lbf)

Black	SK208C	\$195.00
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Rope

Webbing and Cordage

Personal Gear

Hardware

Solutions and Kits

Patient Care

Logistics and Support Gear

Training and Education

Patient Packaging

LSP Miller Full Body Splint **MADE IN THE USA**

A versatile spinal immobilization board and litter that comes complete with a full head and body harness. The harness system allows the patient to be rotated for airway management.

Key Features:

- Hook and loop straps allow rapid immobilization
- High Viz Yellow color
- Board can be tied into a litter

Height: 3.75" (9.5 cm) » Width: 14.00" (35.6 cm) »
Length: 65.50" (166.4 cm) » Weight: 15.00 lbs (6.810 kg)

Splint
Carry Bag

PE42067
PE42068

\$849.73
\$200.90



ROPE RESCUE

WILDERNESS RESCUE

CONFINED SPACE

CAVE RESCUE



 **MADE IN THE USA**

LSP Miller Half Back

The LSP Half Back is an effective tool for vertical extrication from confined spaces. It provides spinal immobilization.

Key Features:

- Head harness
- Leg straps
- Six handles for easy moving

Weight: 12.20 lbs (5.530 kg)

LSP Miller Half Back
Carry Bag
Vertical Lift Straps

PE42069
PE42070
PE42071

\$1,076.25
\$133.59
\$237.08

ROPE RESCUE

WILDERNESS RESCUE

CONFINED SPACE

CAVE RESCUE

LSP XTRA Backboard **MADE IN THE USA**

Provide 100% x-ray transluence while maintaining the necessary rigidity to protect the patient from further injury during transport. The HDPE surface allows for easy cleaning and disinfecting.

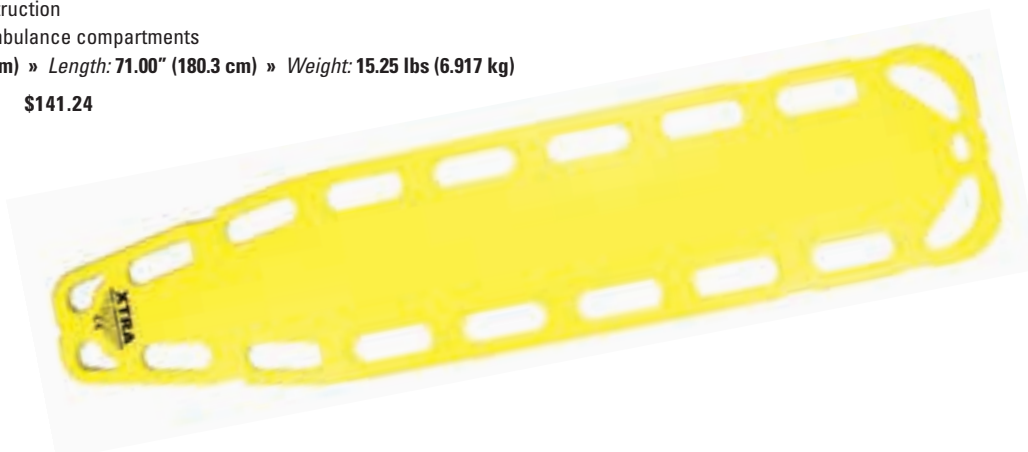
Key Features:

- High buoyancy for use in water
- One piece construction
- Fits standard ambulance compartments

Width: 15.75" (40.0 cm) » Length: 71.00" (180.3 cm) » Weight: 15.25 lbs (6.917 kg)

PE42193

\$141.24



ROPE RESCUE

WILDERNESS RESCUE

CONFINED SPACE

CAVE RESCUE

New! PMI® AnExK9 Harness

Vertical lift harness designed to securely raise or lower your working dog out of a helicopter or into a disaster site, without the need for a bulky spreader bar. May also be used to extricate an injured animal; removable pack straps allow animal to be carried by a single person after extraction.

Key Features:

- Nylon Construction
- Holds Animal Securely
- No Spreader Required
- Adjustable 4-point strap system
- Removable Pack Straps

Weight: 3.29 lbs (1.491 kg) - medium size

Small	SG51291	\$150.00
Medium	SG51292	\$150.00
Large	SG51293	\$150.00

HARNESS SIZING			
SIZE	MAXIMUM "LS"	MAXIMUM "CC"	BREED
Small	10.5" (27 cm)	31" (79 cm)	Small Border Collies, Small Labs, Small Golden
Medium	13" (33 cm)	35" (89 cm)	Small Shepherds, Large Border Collies, Large Labs, Large Golden
Large	16" (41 cm)	40" (101.5 cm)	Large Shepherds, Rottweilers, Bloodhound
Leg Spacing "LS" = Measure the length between the inside of the front and rear legs on the same side of the dog.			
Chest Circumference "CC" = Measure the total circumference of the dog's chest.			



Lakota



Logistics and Support Gear

PMI offers many products to help you store and protect your equipment and gear. Check out this section for the equipment you need to get the job done right.



Photo Trask Bradbury

Rope Bag Capacities

Max Rope Length for PMI® Hudson Classic Professional

PRODUCT SIZE	10 MM	11 MM	12.5 MM	16 MM	DIAMETER	WALL HEIGHT	VOLUME (cubic inches)
Personal	12 m				5.5" base tapered to 8"		180
Small	80 m	70 m	46 m	30 m	10.5"	14.5"	1256
Standard	120 m	100 m	75 m	61 m	10.5"	21.5"	1862
Large	160 m	120 m	92 m	75 m	10.5"	25"	2165
X-Large	250 m	200 m	170 m	140 m	16.5"	24"	5132
XX-Large	285 m	230 m	200 m	160 m	16.5"	28"	5987

PMI® H2-Throw Bag

Lightweight nylon throw bag for creating your own H2-Throw with your PMI rope of choice.

Key Features:

- Includes foam disc in the bottom for flotation
- Grommet at bottom

Weight: 3.3 oz (91 g) » Width: 6.00" (15.2 cm) »

Length: 13.00" (33.0 cm)

Orange

RB44032



This bag does not include rope.

Gear Bucket

The PMI® Gear Bucket has a large capacity and semi-rigid sides for holding your gear and easily stacking your rope.

Key Features:

- Outside mesh pockets with Velcro closures
- Large capacity holds up to 70 m (230 ft) of 11 mm; 46 m (150 ft) of 12.5 mm; or 30 m (100 ft) of 16 mm rope
- Plastic stays make it semi-rigid and free standing
- Sturdy handles for hauling

Weight: 1.45 lbs (658 g) » Width: 11.00" (27.9 cm) » Length: 14.00" (35.6 cm)

Red

RB44049



Rope Bags and Storage

New! PMI® Rope Pack USA  **MADE IN THE USA**

Padded backpack straps make carrying this rope bag more manageable, especially when fully loaded. Wide enough to stuff easily, narrow enough to carry well.

Key Features:

- Double thickness bottom
- 1000 denier heavy coated Cordura®
- Rounded handle Grips
- Exterior Window Pocket
- Double sewn seams
- Drawstring closure
- 5/8" grommet side
- Clip-in

Standard

Weight: 1.04 lbs (472 g) » Width: 10.50" (26.7 cm) » Length: 21.50" (54.6 cm)

Orange	Red	Blue	Black
RB44040U	RB44041U	RB44042U	RB44043U

Large

Weight: 1.21 lbs (549 g) » Width: 10.50" (26.7 cm) » Length: 25.00" (63.5 cm)

Orange	Blue	Red	Black
RB44028U	RB44020U	RB44021U	RB44019U

X-Large

Weight: 1.52 lbs (690 g) » Width: 16.00" (40.6 cm) » Length: 23.00" (58.4 cm)

Orange	Blue	Red	Black
RB44029U	RB44023U	RB44024U	RB44022U

XX-Large

Weight: 1.63 lbs (735 g) » Width: 17.00" (43.2 cm) » Length: 28.50" (72.4 cm)

Orange	Red	Blue	Black
RB44055U	RB44056U	RB44057U	RB44058U



PMI® Rope Pack

When you need a little extra help with the load, the PMI® Rope Pack will help make the haul easier. Padded backpack straps make carrying a loaded bag more manageable.

Key Features:

- Double sewn seams
- 1000 denier heavy coated Cordura®
- Drawstring closure
- 1" tubular handles with rope insert, except XL and XXL
- Pocket for rope history card
- Internal clip-in loop at bottom of bag
- 5/8" grommet on the side of the bag (except personal size)

Standard **Best Seller!**

Weight: 1.02 lbs (463 g) » Width: 10.50" (26.7 cm) » Length: 21.50" (54.6 cm)

Orange	Red	Blue	Black
RB44040	RB44041	RB44042	RB44043

Large **Best Seller!**

Weight: 1.19 lbs (541 g) » Width: 10.50" (26.7 cm) » Length: 25.00" (63.5 cm)

Orange	Blue	Red	Black
RB44028	RB44020	RB44021	RB44019

X-Large

Weight: 1.22 lbs (553 g) » Width: 16.00" (40.6 cm) » Length: 23.00" (58.4 cm)

Orange	Blue	Red	Black
RB44029	RB44023	RB44024	RB44022

XX-Large **Best Seller!**

Weight: 1.25 lbs (567 g) » Width: 17.00" (43.2 cm) » Length: 28.50" (72.4 cm)

Orange	Red	Blue	Black
RB44055	RB44056	RB44057	RB44058



New! PMI® Rope Bag USA MADE IN THE USA

Clean rope lasts longer, and PMI's Made in USA bag protects your rope better with authentic 100% Cordura® material and two layers of material on the lower sides and bottom.

Key Features:

- Double thickness bottom
- 1000 denier heavy coated Cordura®
- Rounded handle Grips
- Exterior Window Pocket
- Double sewn seams
- Drawstring closure
- 5/8" grommet side
- Clip-in

Personal

Weight: 2.6 oz (75 g) » Width: 8.50" (21.6 cm) » Length: 12.00" (30.5 cm)

Black	Orange
RB44025U	RB44030U

Small

Weight: 12.8 oz (363 g) » Width: 10.50" (26.7 cm) » Length: 14.50" (36.8 cm)

Orange	Black	Blue	Red
RB44009U	RB44010U	RB44011U	RB44012U

Standard

Weight: 15.2 oz (431 g) » Width: 10.50" (26.7 cm) » Length: 21.50" (54.6 cm)

Black	Blue	Red	Orange
RB44013U	RB44014U	RB44015U	RB44026U

Large

Weight: 16.0 oz (454 g) » Width: 10.50" (26.7 cm) » Length: 25.00" (63.5 cm)

Black	Blue	Red	Orange
RB44016U	RB44017U	RB44018U	RB44027U



PMI® Rope Bag

PMI's exclusive combination of features includes double sewn seams that reinforce the stress points when stuffing your favorite PMI rope. Four sizes to keep gear clean and organized.

Key Features:

- Double sewn seams
- Drawstring closure
- Pocket for rope history card
- 5/8" grommet on the side of the bag (except personal size)
- Holds up to 80 m of 10 mm; 70 m of 11 mm; 46 m of 12.5 mm; 30 m of 16 mm rope
- 1000 denier heavy coated Cordura®
- 1" tubular handles with rope insert
- Internal clip-in loop at bottom of bag

Small

Weight: 9.0 oz (254 g) » Width: 10.50" (26.7 cm) » Length: 14.50" (36.8 cm)

Orange	Black	Blue	Red
RB44009	RB44010	RB44011	RB44012

Standard *Best Seller!*

Weight: 10.9 oz (309 g) » Width: 10.50" (26.7 cm) » Length: 21.50" (54.6 cm)

Black	Blue	Red	Orange
RB44013	RB44014	RB44015	RB44026

Large *Best Seller!*

Weight: 11.3 oz (320 g) » Width: 10.50" (26.7 cm) » Length: 25.00" (63.5 cm)

Black	Blue	Red	Orange
RB44016	RB44017	RB44018	RB44027



Rope Bags and Storage

PMI® Duffel **MADE IN THE USA**

With the same capacity as our large rope bag, the PMI® Duffel is generous enough to hold all your gear. Streamlined and super durable, this duffel can get everything packed up and ready to go in a flash.

Key Features:

- 1000 denier heavy coated Cordura®
- Two outside storage pockets with Velcro closure
- Wrap around padded handle

Weight: 1.13 lbs (513 g) »

Width: 11.00" (27.9 cm) »

Length: 25.00" (63.5 cm)

Red

SG51190U



Best Seller!

PMI® Riggers Bag

The PMI® Riggers Bag is a soft-sided carrying case. A jumbo main compartment, plus five specially shaped external access pockets keep your hardware separate from your harness, gloves separated from straps, and there is even a special pocket for your helmet.

Key Features:

- 1000 denier heavy coated Cordura®
- Detachable shoulder strap included
- Clear ID holder
- 6 zippered compartments
- Padded handles

Weight: 2.60 lbs (1.180 kg) » Width: 11.00" (27.9 cm) »

Length: 24.00" (61.0 cm) » Height: 12.00" (30.5 cm)

Black

RB44031



PMI® Deluxe Rope Pack

This Deluxe Rope Pack is designed to hold a rope and all the gear you should need for most situations.

Key Features:

- Roomy rope compartment
- Double sewn seams
- 1000 denier heavy coated Cordura®
- Drawstring closure
- Padded backpack straps
- 5/8" grommet on bottom of bag
- 2" webbing carrying handles
- 2 Large outside pockets with snap buckle closure
- Internal clip-in loop at bottom of bag
- Holds up to 160 m of 10 mm; 120 m of 11 mm; 92 m of 12.5 mm; 75 m of 16 mm rope

Large

Weight: 1.4 lbs (635 g) » Width: 10.50" (26.7 cm) »

Length: 25.00" (63.5 cm)

Orange	Blue	Red
RB44002	RB44004	RB44006



The Deluxe Rope Pack has oversized pockets for storing extra gear.

PMI® PVC Gear Pack



Rugged PVC Gear Pack is just right for transporting hardware, pre-rigged systems, and other heavy gear. Durable material holds up better than other materials in harsh industrial, cave, or mountain environments.

Key Features:

- PVC Material
- Roll down and buckle closure
- Reinforced bottom for extra protection
- 2" webbing backpack straps with adjustable buckles
- Haul loop
- Holds up to 160 m of 10 mm; 120 m of 11 mm; 92 m of 12.5 mm; 75 m of 16 mm rope

Large

Weight: 1.68 lbs (762 g) » Width: 10.00" (25.4 cm) »

Length: 21.00" (53.3 cm)

Red

RB44039



Rope Bags and Storage

PMI® Magneta Bag

This sturdy bag is a great way to carry bull pins and bolts, and attaches easily to your harness. A simple and secure closure prevents accidental spills. The bullseye magnetic plate on the outside allows quick access to lightweight metals such as bolts.

Key Features:

- Express closure
- Easy to attach to the harness
- Rigid opening
- Magnetic plate for temporary tool storage

Weight: 6.0 oz (170 g) » Height: 10.00" (25.4 cm) » Width: 8.00" (20.3 cm)

Black
RB44061



TOWER WORK

ARBORIST

UTILITIES SAFETY

ROPE ACCESS



PMI® Grunt Bucket

The Grunt Bucket is a large, tough, secure gear bag with solid hauling features for work at height.

Key Features:

- 5 gallon capacity
- Durable PVC fabric with reinforced base
- Semi-rigid structure for easy access
- Suspension handle capable of holding more than 200 pounds
- THF welded seams with watertight construction
- Internal removable pockets with secure magnetic closure system
- Reflective side zippers for visibility in dark places

Weight: 3.00 lbs (1.360 kg) » Sizing Info: 1695 cu in (27.8 L) »
Width: 12.00" (30.5 cm) » Height: 15.00" (38.1 cm)

Black
RB44062

TOWER WORK

ARBORIST

UTILITIES SAFETY

ROPES COURSE

ROPE ACCESS



Bucket Interior.

Rope Bags and Storage

PMI® Rope Bag (Personal)

PMI's exclusive combination of features includes double sewn seams that reinforce the stress points when stuffing your favorite PMI rope. Four sizes to keep gear clean and organized.

Key Features:

- Double sewn seams
- 1000 denier heavy coated Cordura®
- Drawstring closure
- 1" tubular handles with rope insert
- Pocket for rope history card
- Internal clip-in loop at bottom of bag
- 5/8" grommet on the side of the bag (except personal size)
- Holds up to 80 m of 10 mm; 70 m of 11 mm; 46 m of 12.5 mm; 30 m of 16 mm rope

Personal

Weight: 2.6 oz (75 g) » Width: 8.50" (21.6 cm) » Length: 12.00" (30.5 cm)

Black **Orange**
RB44025 RB44030



This bag has a Velcro® closure flap and a belt/clip loop.

PMI® Gear Pocket

This Cordura® gear pocket is designed to organize pulleys, gloves, carabiners, prusiks, or any small sized gear without overloading your gear loops. It is also excellent for using as an emergency kit.

Key Features:

- Attaches to any harness with sleek padded Velcro® straps
- 2 mesh pockets inside to keep gear in place
- Top loading with zipper closure

Width: 10.00" (25.4 cm) » Length: 7.00" (17.8 cm) »
Height: 1.50" (3.8 cm) » Weight: 3.5 oz (99 g)

Red **SG51150**
Black **SG51168**



Rope

Webbing
and Cordage

Personal
Gear

Hardware

Solutions
and Kits

Patient
Care

Logistics and
Support Gear

Training and
Education



Training and Education

PMI knows that YOU are the most important part of ANY work at height or rescue system. That's why we work hard to stay on top of the most current innovations and regulations so that we can bring you the very best training and education possible. Check us out—and let us know what we can do to serve you better!

A Complete Solution

Pigeon Mountain Industries' training and education arm, Vertical Rescue Solutions™, offers unparalleled expertise on access, rescue and PMI manufactured and distributed products. And at Vertical Rescue Solutions, we don't just teach rescue—we live it. With knowledge gleaned from a variety of disciplines (Fire, EMS, Mountain Rescue, Confined Space, Technical Rope Rescue, Cave Rescue, Rope Access, Industrial Rescue) and years of hands-on, real-life rescue experience, VRS™ instructors focus on saving lives through education and instruction.

Consulting

In the often confusing and ever-changing world of safety compliance, we not only know the rules, we've helped write a few ourselves. PMI and VRS™ staff members are active participants in ANSI, NFPA, the Cordage Institute, NATE®, NWSA, SPRAT®, ASTM and ASSE. We offer much more than compliance training and consulting: Vertical Rescue Solutions can help establish a foundational culture of safety that begins at the end of a rope and extends past the anchor into the front office. Got a compliance, access, rescue pre-planning or work at height problem that you just can't solve? Drop us a line!

VRS™ Custom Courses

Have rope, will travel! At VRS™, we understand that sometimes you need to have your employees trained where they work. We can tailor courses to serve the needs of your industry (or organization) and your location.

For more information, please visit us at www.verticalrescuesolutions.com, visit our Facebook page or call us at 303-800-1708 ext 1221.



Portable High Directionals: Module I

Course can be customized for either work at height applications or for rescue. This is a basic one day rope technician introductory course that instructs participants in the use of portable anchor systems, focusing on the TerrAdaptor™.

What You Learn:

Upon successful completion of Module I, all participants will be able to accomplish the following:

- Demonstrate proper safety protocols when working with portable anchors
- Demonstrate proper assembly of the TerrAdaptor™ Tripod congruent with the manufacturer's instructions
- Construct and safely operate a two rope system with a standard tripod configuration in place
- Understand and construct a back-tie system to stabilize the tripod during operation
- Understand and perform basic communication for raises and lowers using a portable anchor

Prerequisites: None »

Location: 3850 York Street, Denver, CO 80205 »

Max Class Size: 6 students per instructor

VR63014 \$255.00 Per Student

Register 30+ days in advance and receive a 10% discount!

Price quoted is for up to 6 students. For additional students, contact VRS™.

This is a one day course.



Portable High Directionals: Module II

Course can be customized for either work at height applications or for rescue. This is a two day rope technician intermediate skills course that instructs participants in the use of portable anchor systems, focusing on the TerrAdaptor™.

What You Learn:

Upon successful completion of Module II, all participants will be able to accomplish the following additional skills:

- Demonstrate proper safety protocols when working with intermediate configurations of portable anchors
- Demonstrate proper assembly of the TerrAdaptor™ as a monopod (gin pole) and bi-pod (angled A frame) portable anchor congruent with the manufacturer's instructions
- Construct and safely operate a high line in addition to a main and belay line system using a standard tripod configuration as well as mono-pod and bi-pod configurations in place
- Understand intermediate principles of force multipliers as they apply to whiteboard analysis of critical angles and resultant forces

Prerequisites: Successful completion of Portable High Directionals: Module I »

Location: 3850 York Street, Denver, CO 80205 »

Max Class Size: 6 students per instructor

VR63016 \$510.00 Per Student

Register 30+ days in advance and receive a 10% discount!

Price quoted is for up to 6 students. For additional students, contact VRS™.

This is a two day course.

Portable High Directionals: Module III

Expect a very strong emphasis on analysis of multiple vector and resultant forces on a portable anchor system using whiteboard analysis. Course can be customized for either work at height applications or for rescue. This is an advanced two day rope technician intermediate skills course that instructs participants in the use of portable anchor systems, focusing on the TerrAdaptor™.

What You Learn:

Upon successful completion of Module III, all participants will be able to accomplish the following additional skills:

- Demonstrate proper safety protocols when working with advanced configurations of portable anchors
- Construct and safely operate high lines and sloping high lines using all possible combinations of configurations of the TerrAdaptor™
- Understand advanced principles of force multipliers as they apply to whiteboard analysis of critical angles in high line rigging and the calculation of critical angles
- Load sharing anchors, rock protection, removable bolts, edge management protocols
- Portable winch use

Prerequisites: Successful completion of Portable High Directionals: Module II »

Location: 3850 York Street, Denver, CO 80205 »

Max Class Size: 6 students per instructor

VR63018 \$510.00 Per Student

Register 30+ days in advance and receive a 10% discount!

Price quoted is for up to 6 students. For additional students, contact VRS™.

This is a two day course.



Portable High Directionals: 3-Module Series

This course combines Module I, Module II and Module III of the Portable High Directionals Series. Module I is a one-day, basic level introductory course, Module II is a two-day, intermediate level rope technician course and Module III is a two-day advanced level rope technician course. This course combination will instruct participants in the use of portable anchor systems, focusing on the TerrAdaptor™. Rigging theory that supports sound and reliable manipulative skills of all portable anchor configurations congruent with the requirements of NFPA 1670 and 1006 Technician Level and the Basic and Intermediate Force Multiplier Theory of Portable Anchors are key components of Modules I, II and III.

Upon successful completion of Modules I, II and III, all participants will be able to accomplish the skills listed above in the individual course descriptions.

Prerequisites: None » **Location:** 3850 York Street, Denver, CO 80205 »

Max Class Size: 6 students per instructor

VR63012 \$1,275.00 Per Student

Register 30+ days in advance and receive a 10% discount!

VR63013 \$8,875.00 Full Class at Your Location

**Best Seller!***This is a five day course.*

Rope Access Certification Course (SPRAT®)

Adding a Society of Professional Rope Access Technicians (SPRAT®) certification to your toolbox will both improve work at height safety and improve your chances of being hired as employers increasingly rely on SPRAT®-certified workers for their skill and practice in safety and awareness while on the job. This four day course will provide the information and skills you need to pass the SPRAT® certification session that will be held on the fifth day by an independent SPRAT® Evaluator. We offer quality training and SPRAT® certification for Levels 1, 2 and 3.

What You Learn:

- Ascending and descending
- Knot craft, Passing knots, friction hitches
- Passing deviation anchors
- Advanced rigging and rescue techniques
- Edge Transitions, Passing and installing rope protection
- Rope to rope transfers
- Short and long re-belays
- Basic and advanced anchor building
- Mechanical advantage systems

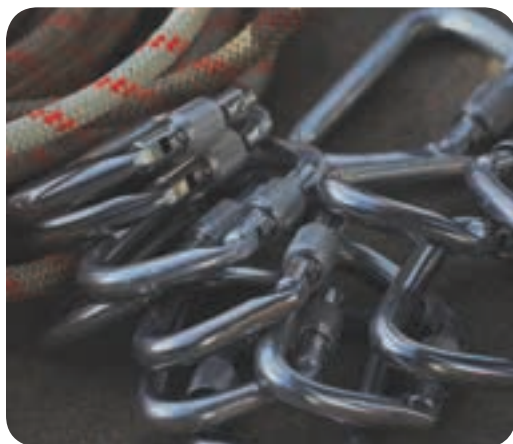
Prerequisites: None » **Location:** 3850 York Street, Denver, CO 80205 » **Max Class Size:** 6 students per instructor

VR63022 \$1,675.00 Per Student

Register 30+ days in advance and receive a 10% discount!

VR63023 \$10,750.00 Full Class at Your Location

Price quoted is for up to 6 students. For additional students, contact VRS™.



Competent Person PPE Inspector

No one knows your PPE and life safety gear like the people who manufacture and distribute it. PMI's Vertical Rescue Solutions™ can give you and your employees the information and resources to set up and maintain a PPE use and inspection documentation program for the gear you trust your life to.

What You Learn:

- Proper selection, inspection, storage and retirement criteria for PPE and rigging
- Documentation
- Regulatory considerations

Prerequisites: None » **Location:** 3850 York Street, Denver, CO 80205 »
Max Class Size: 10 Students

VR63020 \$575.00 Per Student

Register 30+ days in advance and receive a 10% discount!

VR63021 \$5,865.00 Full Class at Your Location

Price quoted is for a maximum of 10 students at your location. For additional students, contact VRS™.



Tower-Tek™ Train the Trainer

This is a one day course.

Train the Trainer candidates will learn how to effectively teach the VRS curriculum for the Competent Tower Climber/Rescuer Course, utilizing PMI's Tower-Tek™ Rescue Solution for the rescue portion of the course. This curriculum is based on the National Association Tower Erector's Fall Protection Training Guidelines. Upon completion, participants in this course will receive a certificate, reproducible course material and photo ID. They will also be listed on the VRS™ website as VRS™ Approved Trainers for the Tower-Tek™ Rescue Solution.

What You Learn:

- Self Rescue, Rescue by Raise, Rescue by Lower, other assisted rescues
- Work at Height rules and regulations
- How to administer a successful written test
- Equipment tips for trainers who want to teach their own CTC/R Course
- Competent Climbing Techniques
- How to best use VRS course materials
- How to fill out a VRS skills checklist

Prerequisites: Before taking the Trainer Course, potential trainers must have successfully completed the VRS™ Competent Tower Climber/Rescuer Course »
Location: 3850 York Street, Denver, CO 80205 » **Max Class Size:** 4 students per instructor

VR63034 \$700.00 Per Student

Register 30+ days in advance and receive a 10% discount!

VR63035 \$3,000.00 Full Class at Your Location

Price quoted is for up to 4 students. For additional students, contact VRS™.

Competent Tower Climber/Rescuer

At VRS™, we offer unparalleled custom instruction in cellular and broadcast tower climbing and rescue. Stressing simplicity (no knots!) and a common-sense approach to rescue, the PMI® Tower-Tek™ Rescue Solution is used as the foundation for the rescue portion of this course.

This course was created to arm those who work at height with the tools, knowledge and expertise to climb safely, and to affect self or companion rescue quickly and efficiently.

This course meets the criteria established by the National Association of Tower Erectors (NATE®) Tower Climber Fall Protection Training Standard (2015 edition). The importance of establishing a rescue pre-plan, the Jobsite Hazard Assessment, OSHA compliance, PPE use, fit and inspection and rescue theory are all addressed. A strong emphasis on multiple repetitions of rescues is used to maintain a high level of participant retention. Suspension Intolerance avoidance and treatment will also be addressed. Prerequisite of Authorized Climber/Rescuer designation from employer is required.

What You Learn:

- Self-Rescue, Mechanical Advantage, Top-Down Rescue, Ground-Based Rescue and Pickoff Rescue
- Safe and Efficient Climbing Techniques
- Proper Documentation
- PPE donning, doffing and inspection

Location: 3850 York Street, Denver, CO 80205 » **Max Class Size:** 6 students per instructor

VR63002 \$1,450.00 Per Student

Register 30+ days in advance and receive a 10% discount!

VR63003 \$8,970.00 Full Class at Your Location

Price quoted is for a maximum of 6 students at your location. For additional students, contact VRS™.



This is a three day course.



Rope Access for the Professional Rescuer

The great thing about rope access technicians is that they can get to places that almost no one else can. Unfortunately for professional rescuers, this can also make them very difficult to rescue in the event of a mishap. This class will take rescuers who are already Level 1 certified technicians and give them the tools and techniques they need to perform advanced rope access rescues without having to accrue hundreds of hours of experience on a rope access job. Prerequisite of SPRAT or IRATA Level 1 certification, students will receive a VRS certificate of completion, but no additional certifications.

What You Learn:

- Advanced rescue techniques, comparable to a Level III SPRAT® skill set
- Advanced rigging techniques
- Ability to assess the best rescue based on environment, with rescuer safety a priority

Prerequisites: SPRAT® Level One Certification » **Location:** 3850 York Street, Denver, CO 80205 » **Max Class Size:** 6 students per instructor

VR63028 \$650.00 Per Student

Register 30+ days in advance and receive a 10% discount!

VR63029 \$4,000.00 Full Class at Your Location

Price quoted is for up to 6 students. For additional students, contact VRS™.

This is a two day course.

Tower Rescue for the Professional Rescuer

Even in the very best of scenarios, tower rescue for the professional rescuer can be a daunting task. The dangers of extreme height, high voltage, microwave radiation, radio frequency exposure and gusting winds make tower rescue one of the toughest calls the professional rescuer deals with. This course uses the curriculum established by the National Association of Tower Erectors (NATE®) for Competent Tower Climber/Rescuer and goes one step further by teaching small team tower rescue techniques to the professional rescuer, congruent with NFPA 1670 and 1006.

What You Learn:

- Safe climbing techniques
- Ground-based, tower-based, pickoff rescues
- Tower and antenna-type identification
- Lockout/tagout procedures
- Radio Frequency (RF), microwave and inductive current hazard awareness
- Proper PPE and rigging equipment selection and use

Prerequisites: None » **Location:** 3850 York Street, Denver, CO 80205 »

Max Class Size: 6 students per instructor

VR63030 \$1,300.00 Per Student

Register 30+ days in advance and receive a 10% discount!

VR63031 \$7,800.00 Full Class at Your Location

Price quoted is for up to 6 students. For additional students, contact VRS™.

This is a three day course.



High Angle Rescue Techniques V4

Your Definitive High Angle Rope Rescue Guide! The fourth edition of High-Angle Rope Rescue Techniques: Levels I & II provides comprehensive coverage of all aspects of high-angle rescue, including planning, PPE and equipment, medical considerations, evacuations, and special rescue operations. Based on the 2013 edition of NFPA 1006, Standard for Technical Rescuer Professional Qualifications, High-Angle Rope Rescue Techniques: Levels I & II provides a broad overview of all rescue techniques to meet the needs of fire service, search and rescue, and many other rope rescue professionals. The fourth edition has been updated to include: Coverage of new protective equipment, terminology, rescue products, and techniques. All new Skill Drills that provide step-by-step instruction on how to execute important skills and procedures. Separation of High-Angle Rope Rescue I & II Level content throughout the textbook and instructor resources.

By: Tom Vines and PMI's Steve Hudson

Key Features:

- Offers the latest in compliance with nationally recognized standards set by OSHA and the NFPA
- 508 pages
- Full color photos and illustrations
- 2015

Weight: 2.69 lbs (1.225 kg)

BK13007

\$109.95



High Angle Field Guide

Knowledge of high angle rescue is vital to many emergency service personnel. High Angle Rescue Techniques unique step-by-step approach to instruction facilitates the learning process for both trainers and students.

By: Tom Vines and PMI's Steve Hudson

Key Features:

- Offers the latest in compliance with nationally recognized standards set by OSHA and the NFPA
- 115 pages
- Over 60 illustrations
- Full color photos and illustrations
- 2004

Weight: 5.0 oz (132 g)

BK13021

\$25.95

Falls From Height - A Guide To Rescue Planning

How do you rescue someone suspended in midair or trapped above ground? Author Loui McCurley, an expert in technical rope rescue with more than twenty-five years of experience, has the answers. Following her tested and proven advice, readers will learn how to prepare for and safely rescue "at-height" workers and others from "falls from height." The book fully bridges the gap between planning and execution, steering readers toward simple workplace-specific solutions. Moreover, it explains how to develop and implement a comprehensive protection program, enabling all organizations and their employees to fully prepare themselves to respond to a fall from height.

By: PMI's Loui McCurley

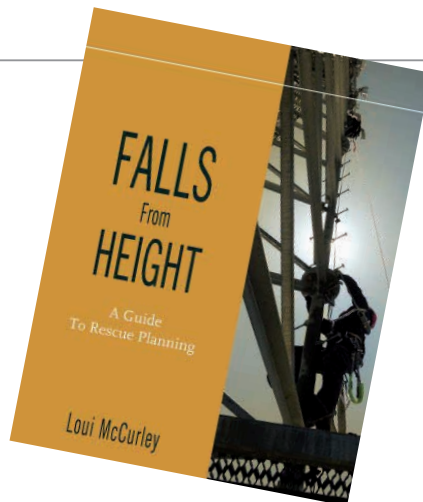
Key Features:

- Hardcover
- 376 pages
- 2013
- Over 200 pictures

Weight: 1.20 lbs (544 g)

BK13040

\$82.95



On Rope 2nd Edition

Excellent reference on descending, ascending, rigging, self rescue, equipment, and much more. A must for the serious ropework scholar.

By: Allen Padgett, Bruce Smith, and the National Speleological Society (NSS) Vertical Section

Key Features:

- Over 400 illustrations
- Published by the National Speleological Society

Weight: 2.88 lbs (1.315 kg)

BK13011

\$48.50

Books

Professional Rope Access: A Guide To Working Safely at Height

Professional Rope Access: A Guide to Working Safely at Height is a comprehensive guide that employers, safety managers, trainers, and technicians can use to develop and maintain a rope access program that will get more work accomplished at a lower cost and with greater safety than conventional methods can achieve.

For many trades, rope access provides an excellent solution for gaining access to difficult-to-reach locations. The extensive amount of knowledge and training that rope access technicians possess, and the highly disciplined and structured system that comprises rope access, mean that more complex jobs can often be performed more safely and efficiently, in a shorter period of time, resulting in monetary and safety benefits.

By: PMI's Loui McCurley

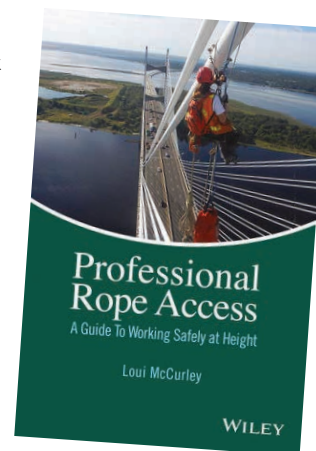
Key Features:

- Planning For Rope Access such as personnel selection and training and Equipment for Rigging
- Skills For The Rope Access Technician including Rigging Concepts, Advanced Techniques, Powered Devices, and Rescue
- Program Administration from Writing a Work Order through Equipment Inspection & Care

Weight: 2.38 Lbs (1.084 kg)

BK13042

\$149.95



Technical Rescue Field Operations Guide

A pocket guide containing command checklist and easy to follow step-by-step procedures for rope, confined space, swiftwater, trench, structural collapse, and helicopter rescue.

By: Tom Pendley

Key Features:

- 240 Full Color Illustrations
- Paperback
- 200 pages
- Spiral bound top
- 2011

Weight: 6.0 oz (181 g)

BK13019

\$24.95



Morrow Guide To Knots

A compact, practical manual of 70 useful knots. From loops and bends to stopper knots and hitches, this guide includes step-by-step instructions, historical data, and useful tips.

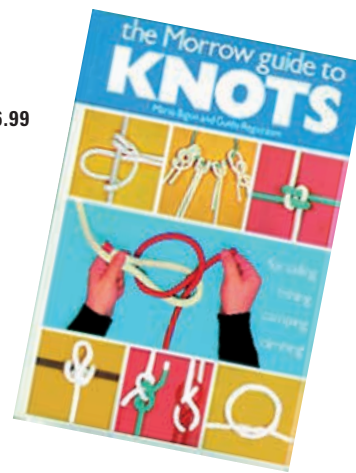
Key Features:

- 640 color photographs
- 255 pages
- 1982

Weight: 15 oz (435 g)

BK13006

\$16.99



Technical Rescue Riggers Guide

Pocket sized quick reference guide to rigging, from Anchors to Z-Rigs. Clear presentation with numerous technical drawings and diagrams.

By: Rick Lipke

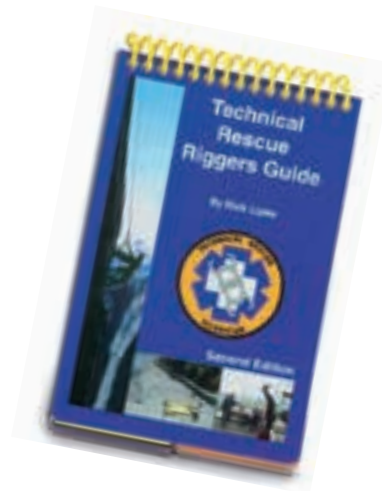
Key Features:

- Spiral bound
- 126 pages
- 296 clear illustrations and photos
- Black and White

Weight: 5.0 oz (138 g)

BK13003

\$29.95





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.pmirope.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 or emailing 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 shipment.
- 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.



High angle rope techniques are inherently dangerous. Please take the time to read and understand this catalog and all instructions that come with the equipment you purchase. The information in this catalog is provided for making purchasing decisions only and is NOT a substitute for competent instruction and training in safety techniques. It is the responsibility of the user of this equipment to obtain competent instruction and to take adequate precautions for safety when using this equipment. The equipment described in this catalog is designed and tested for use in rope access, rescue, confined space, climbing, mountaineering, and caving. Use in any other application is at the discretion of the user.

Pigeon Mountain Industries

Contact and
Order Information

PIGEON MOUNTAIN INDUSTRIES INC.

PO Box 803
LaFayette, GA 30728 USA

1-706-764-1437
800-282-ROPE (7673)

custserv@pmirope.com
PMIROPE.COM



Ropes & equipment for your vertical world

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