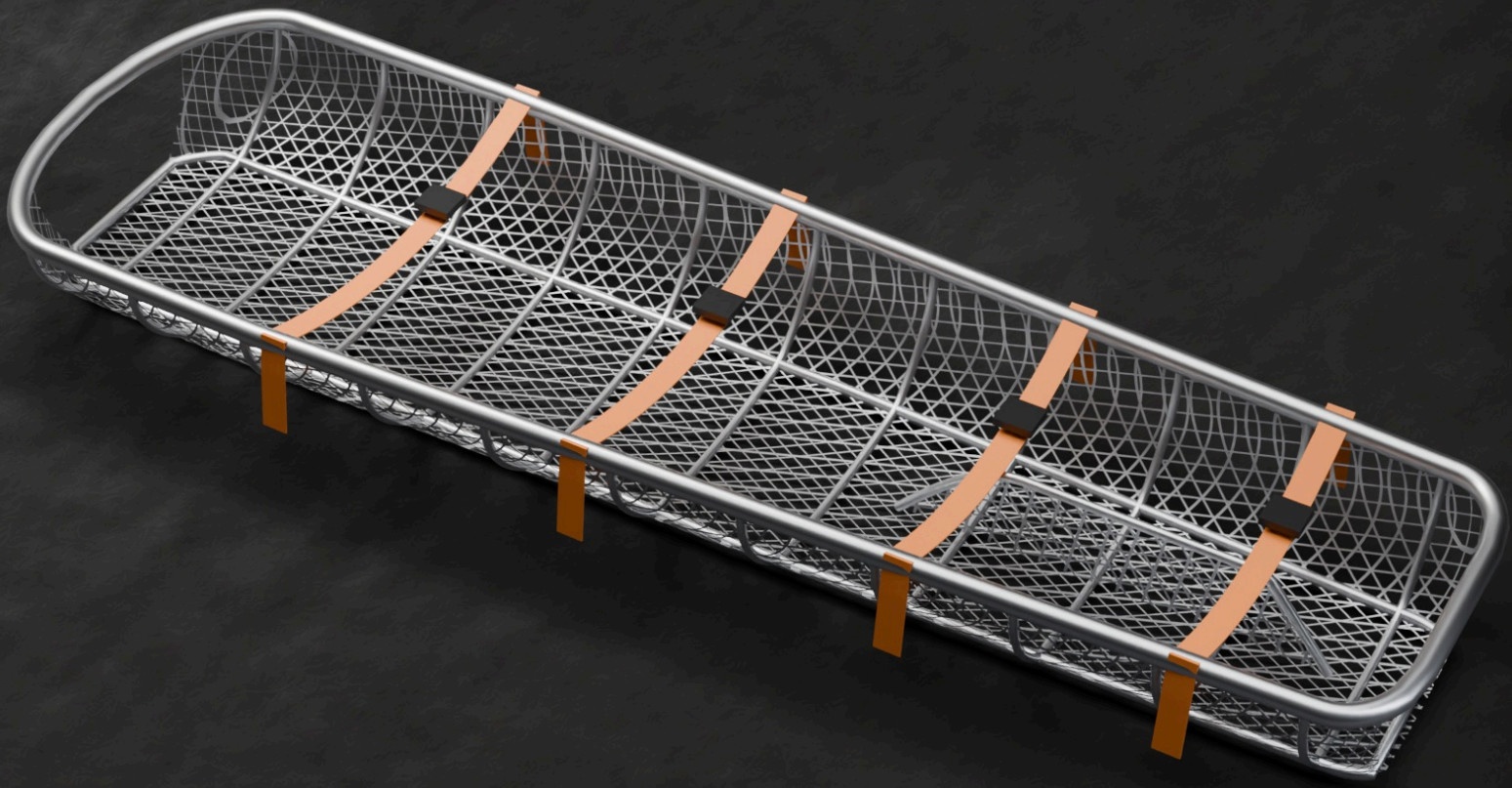


FIRE, TECHNICAL RESCUE & EMERGENCY RESPONSE

VERTEX OUTFITTERS

GO WHERE OTHERS WON'T

WELCOME

BUILT FOR THE TEAMS THAT GO IN.

This catalog is for urban search and rescue task forces, fire departments, technical rope and confined-space rescue teams, swiftwater crews, police tactical teams that work at height, and the search and rescue and wildland units that support them.

It covers helmets, eye and hearing protection, and impact and rope gloves; rescue harnesses, back-up and escape systems; NFPA-rated rope, carabiners, pulleys, descenders and rigging; confined-space tripods, davits, winches and ventilation; litters; swiftwater gear; scene lighting; and field portable sanitation for long deployments.

Start with **Shop by Discipline** to see what a team in your discipline typically carries, then go to the product pages. Questions? Email **info@vertexoutfitters.net** or call **301-246-2336**.

SDVOSB **Service-Disabled Veteran-Owned**	MD VSBE **#89150**
UEI **WVWHBNHDUTW6**	CAGE **16MC9**

HOW TO READ A PRODUCT

NFPA G EN 362 Green tags are standards the maker lists for the product. 40 kN Dark tags are published strengths. USE Gray tags are size, pack or type notes. Item numbers are Vertex SKUs — search any of them on vertexoutfitters.net.

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USAR · ROPE · CONFINED SPACE · SWIFTWATER · SAR & WILDLAND

SHOP BY DISCIPLINE

Every team carries a different load. These pages pull the products that fit each discipline out of the catalog and tell you where to find them.

USAR | Rope rescue | Tactical at height | Confined space | Swiftwater | SAR & wildland | Fire

WHAT EACH TEAM CARRIES // AT A GLANCE

● core gear for the discipline ○ often carried or mission-dependent. The page numbers on the right take you to each product section.

Product group	USAR / collapse	Rope & tactical	Confined space	Swiftwater	SAR · wildland · fire	Page
Rescue helmets	●	●	●	●	●	13
Eye & face protection	●	●	●	○	●	13
Impact gloves	●	○	●		○	13
Rope gloves	●	●	●	●	●	13
Hearing protection	●		○			13
Rescue harnesses	●	●	●	○	○	24
Back-up, escape & descent	●	●	○		●	24
NFPA life safety rope	●	●	●	●	○	31
Fire search & escape rope	○				●	31
Carabiners, pulleys & rigging	●	●	●	●	○	48
Descenders & ascenders	●	●	○	○		48
Edge protection & bags	●	●	●	○	○	48
Tripods, davits & winches	●	○	●			63
Ventilation	○		●			63
Litters & patient transport	●	●	●	●	○	70
Throw bags, boards & water PPE	○			●		75
Scene & personal lighting	●	●	●	●	●	79
Field portable sanitation	●			●	●	82

USAR

Structural collapse, breaching and heavy rescue: impact gloves, NFPA 1951 helmets, rope systems, litters and long-deployment support.

SEE PAGE 05

ROPE & TACTICAL

High-angle, rope access and police tactical teams working at height: harnesses, G- and T-rated rope, descenders and edge protection.

SEE PAGE 08

CONFINED SPACE

Permit-space entry and rescue: tripods, davits, 3-way SRLs, wristlets, narrow litters and blowers.

SEE PAGE 09

SWIFTWATER

Shore-based and in-water rescue: throw bags, water helmets and gloves, ice suit, rescue board and floating litters.

SEE PAGE 10

SAR, WILDLAND & FIRE

Search lines, escape systems, personal and scene lighting, and the field support teams need on long operations.

SEE PAGE 12

FIELD SANITATION

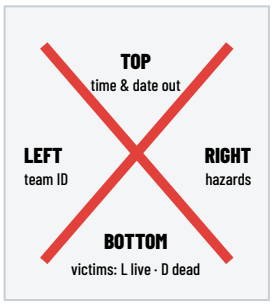
An all-in-one toilet system that packs into one backpack, plus the refills that keep it running.

SEE PAGE 82

USAR & STRUCTURAL COLLAPSE // TASK FORCE KIT

Collapse search, shoring support, breaching, rope systems and patient packaging — often far from resupply.





Search assessment marking. Our illustration of the structure/search marking practice used by US&R teams: paint a single slash on entry with team ID and entry time, cross it on exit with the exit time, and add hazards (right) and victim counts (bottom). Follow your task force SOG and current FEMA US&R field guidance — formats are updated.

HEAD, EYE & HAND

PMI Pacific Kiwi USAR Helmet	p. 14
PMI Advantage Kevlar Rescue Helmet	p. 14
PMI Impact ANSI Helmet	p. 14
PMI X-Tricator Goggles with Mount	p. 19
Bear Knuckles Sledgehammer SU375	p. 21
HexArmor EXT Rescue 4012	p. 21
HexArmor Chrome IronHide 4091IMP	p. 21
HexArmor Helix 3026IMP	p. 21

HARNESS & ROPE SYSTEMS

PMI Avatar Deluxe Harness	p. 26
Singing Rock Expert 3D Speed Steel	p. 26
CMC Atom Rescue Harness	p. 28
PMI 12.5 mm EZ Bend Classic Pro	p. 35
Sterling Rope Sync 11 mm Rescue	p. 36
Armbury STATIC 11 Semi-Static	p. 41
CMC ProSeries Alu Auto-Lock	p. 52
Armbury HETY SLING Anchor Sling	p. 57

EDGE, HAUL & LOWER

SMC ROPE TRACKER	p. 61
KONG ROLLERS	p. 61
SMC NFPA Flat 6-Bar Rappel Rack	p. 59
KONG INDY EVO PLUS	p. 59
Petzl JAG SYSTEM	p. 59
KONG HOP! Haul System	p. 59

PATIENT PACKAGING & TRANSPORT

Junkin JSA-300 Basket Stretcher	p. 73
Junkin JSA-300B Break-Apart	p. 73
KONG 911 ARMOR	p. 72
KONG ROLLY	p. 72
KONG X-TRIM 4	p. 73
Junkin JSA-300X-TL Bridle Sling	p. 74

LIGHTING

FoxFury Nomad Transformer Field Kit	p. 80
FoxFury Nomad NOW Scene Light	p. 80
FoxFury Breakthrough BT2+	p. 80
DieHard 1500 Lumen Utility Light + Power Bank	p. 81

LONG-DEPLOYMENT SUPPORT

Cleanwaste GO Anywhere Portable Toilet System	p. 83
Cleanwaste Original WAG BAG Waste Kit	p. 84
Potty Pack Single-Use Travel Toilet Kit	p. 85
Adventure Ready Clean Capsule	p. 85
XMRE 1300XT Meals Ready to Eat	p. 85

THE USAR RESCUER // HEAD TO TOE

What each rescue specialist wears on a collapse site, and where to find it in this catalog.



HEADLAMP
Hands-free light for voids. Page 81.

NFPA 1951 HELMET
Built for collapse and technical rescue. Page 14.

SEALED GOGGLES
Gasketed against concrete dust. Page 19.

HEARING PROTECTION
Plugs for the shift, muffs for saws and breakers. Page 23.

RESPIRATORY PROTECTION
Dust mask or APR as your program requires.

CLASS III HARNESS
Rope work, lifts and void entry. Page 26.

IMPACT GLOVES
Back-of-hand impact, cut and puncture ratings. Page 21.

ROPE GLOVES
Leather for belay, rappel and rigging. Page 22.

KNEE & ELBOW PADS
Kneeling on rubble and rebar; per your task force list.

WHY HEARING PROTECTION IS ON THE LIST

Collapse rescue means breaching and breaking concrete, cutting steel and running saws, generators and compressors for hours. State structural collapse technician courses list hearing protection with leather gloves and respiratory protection, and OSHA found hearing protection was often missing on disaster debris sites when it was needed. Issue plugs to everyone; give saw and breaker operators helmet-mounted muffs as well.

USAR // BREACH, SHORE, LIFT & SUSTAIN

Collapse-rescue operations and the gear in this catalog that supports each one.

BREACHING & BREAKING

Bear Knuckles Sledgehammer SU375	p. 21
HexArmor EXT Rescue 4012	p. 21
HexArmor Chrome IronHide 4091IMP	p. 21
Bear Knuckles Haymaker S390	p. 21
HexArmor MX500 Goggles	p. 19
HexArmor VS300G Gasketed	p. 19
HexArmor accuFit Disposable Earplugs	p. 23
HexArmor Ceros K-Series Helmet Muffs	p. 23

HEARING FOR SAWS & BREAKERS

HexArmor accuFit Disposable Earplugs	p. 23
HexArmor simpleFit Disposable Guided	p. 23
HexArmor K-Series Over-the-Head Muffs	p. 23
HexArmor Ceros K-Series Helmet Muffs	p. 23
KONG 3M Peltor Helmet Muffs	p. 23
Singing Rock SECURE Helmet Muffs	p. 23
3M Peltor Hi-Viz Helmet Muffs	p. 23

LIFTING, RIGGING & ANCHORS

Armbury HETY SLING Anchor Sling	p. 57
KONG ARO BULL Anchor Sling	p. 57
CMC SQUID Rig Plate	p. 56
ISC HALO Rigging Plate	p. 56
KONG TWIN Double Pulley	p. 58
KONG HOP! Haul System	p. 59
Petzl JAG SYSTEM	p. 59
CMC Rescue Swivel	p. 56

VOID SEARCH & ENTRY

PMI CS Tech Full Body	p. 27
FrenchCreek 207 Rescue Wristlets	p. 67
FrenchCreek 702Y Retrieval Yoke	p. 67
KONG DIAPASON Spreader	p. 68
FoxFury Breakthrough BT2+	p. 80
Dorcy Pro 470 Lumen High CRI & UV	p. 81
PMI Rope ID Kit	p. 47

ROPES FOR COLLAPSE RESCUE

PMI 12.5 mm EZ Bend Classic Pro	p. 35
PMI 12.5 mm Extreme Pro (G) Unicore	p. 35
Sterling Rope Sync 11 mm Rescue	p. 36
Armbury STATIC 11 Semi-Static	p. 41
Sterling Rope 1/2 in. SuperStatic2	p. 36
Singing Rock Route 44 10.5 mm Static	p. 40

VICTIM REMOVAL

Junkin JSA-300-CS Confined Space Stretcher	p. 73
KONG ROLLY	p. 72
KONG HALF ROLLY	p. 73
KONG X-TRIM 4	p. 73
KONG PEGASUS Evacuation Triangle	p. 29
CMC ProSeries Lifesaver Victim Harness	p. 29
Junkin JSA-506 Insulated Blanket	p. 74

BASE OF OPERATIONS

Cleanwaste GO Anywhere Portable Toilet System	p. 83
Cleanwaste GO Anywhere Privacy Shelter	p. 84
Cleanwaste Original WAG BAG Waste Kit	p. 84
Cleanwaste Mini Bulk Poo Powder	p. 85
FoxFury Nomad Transformer Field Kit	p. 80
DieHard 1500 Lumen Utility Light + Power Bank	p. 81
XMRE 1300XT Meals Ready to Eat	p. 85

SWIFTWATER CROSSOVER (FLOODS)

KONG Swift Water Rescue Personal Kit	p. 77
NRS NFPA Rope Rescue Throw Bag	p. 77
NRS Tactyl Rescue Helmet	p. 18
NRS Reactor Rescue Gloves	p. 22
KONG 911 HIVE	p. 73
Junkin JSA-303 Flotation Collar	p. 74

CACHE PLANNING

- Plan the cache to be self-sufficient for at least 72 hours: lighting, sanitation, meals and spares.
- Mark equipment by task force and cache number; carabiners with NFC chips (KONG i-Ovalone) make inspection logs faster.
- Hurricane and flood deployments mix collapse and water work — pack swiftwater PPE for the water-rescue component.

ROPE RESCUE & TACTICAL AT HEIGHT // HIGH-ANGLE KIT

For fire department high-angle teams, rope access rescue and police tactical teams that insert, rappel or recover from height.

HELMET & GLOVES

Petzl VERTEX VENT	p. 15
Petzl STRATO VENT	p. 15
Pacific R6L Patroller Helmet	p. 14
KONG MOUSE WORK	p. 17
PMI Rope Tech Gloves	p. 22
Petzl CORDEX PLUS	p. 22
KONG FULL GLOVES	p. 22
Edelweiss Control Leather Gloves	p. 22

HARNESSES

PMI Avatar Deluxe Harness	p. 26
PMI CS Tech Full Body	p. 27
Singing Rock Expert 3D Speed Steel	p. 26
CMC Atom Rescue Harness	p. 28
KONG ITAKA Work & Rescue	p. 28
Petzl AVAO FAST International	p. 28
CMC ProSeries Lifesaver Victim Harness	p. 29
KONG PEGASUS Evacuation Triangle	p. 29

ROPE – G AND T

PMI 12.5 mm Extreme Pro (G) Unicore	p. 35
PMI 12.5 mm EZ Bend Classic Pro	p. 35
Sterling Rope 1/2 in. SuperStatic2	p. 36
Sterling Rope Sync 11 mm Rescue	p. 36
PMI 11 mm EZ Bend Classic Pro	p. 38
PMI 11 mm Patriot Vertical Lifeline	p. 38
Sterling Rope 3/8 in. Sentinel BC Black	p. 45
Sterling Rope 7/16 in. Sentinel BC Black	p. 45

CONNECTORS

CMC ProSeries Alu Auto-Lock	p. 52
NRS Master-D Screw Lock	p. 52
SMC Lite Alloy Steel Locking	p. 52
KONG X-Large Carbon Auto Block	p. 53
KONG Ovalone Carbon Auto Block	p. 53
KONG Harness Eye Inox Auto Block	p. 55
KONG FROG ANSI with 12 cm Sling	p. 55
KONG PROG Directional	p. 55

RIGGING & ANCHORS

CMC SQUID Rig Plate	p. 56
SMC Origin 8 Rigging Plate	p. 56
ISC HALO Rigging Plate	p. 56
KONG ARO BULL Anchor Sling	p. 57
KONG ARO SLING TUBULAR	p. 57
CMC Rescue Swivel	p. 56
Petzl SWIVEL L	p. 56
Sterling Rope Short Purcell Prusik 6 mm	p. 47

PULLEYS & HAUL

Petzl PRO TRAXION	p. 51
Petzl MINI TRAXION	p. 51
Petzl REEVE Highline Pulley	p. 58
SMC 3 in. Double Prusik Minding	p. 57
KONG TWIN Double Pulley	p. 58
Petzl JAG SYSTEM	p. 59
DMM Keanu Highline Trolley	p. 58

DESCEND, ASCEND & BACK-UP

SMC NFPA Flat 6-Bar Rappel Rack	p. 59
CMI Rescue 8 Black	p. 59
KONG INDY EVO PLUS	p. 59
Singing Rock SIR	p. 59
KONG FUTURA BODY	p. 60
KONG LIFT Hand Ascender	p. 60
KONG BACK-UP ANSI Fall Arrester	p. 30
ISC RED Back-Up Device	p. 30

EDGE & BAGS

SMC ROPE TRACKER	p. 61
PMI Supermantle Rope Guard	p. 61
KONG TERGESTE	p. 61
KONG CONVOY Rescue Bag	p. 62
PMI Rope Pack with Straps	p. 62
Sterling Rope Carrier Rope Bag	p. 62

TACTICAL TEAMS

The Sterling Sentinel BC black static ropes are Berry Amendment compliant. Black hardware options include KONG FUTURA HAND TACTICAL and EXTRA ROLL (black), Petzl OXAN black steel ovals, and Wiley X ballistic eyewear (page 19). Ask us about matching colors for a whole team.

CONFINED SPACE // ENTRY & RESCUE KIT

Permit-space entry and non-entry retrieval first, with an entry rescue team ready. See the tripod rescue system on page 64.

ANCHORS & MECHANICAL ADVANTAGE

FrenchCreek S50G-7 Tripod System	p. 65
FrenchCreek S50G-M7 System + Winch	p. 66
KONG CEVEDALE 2.0	p. 66
KONG TRIPODE BASE	p. 66
FrenchCreek PD2 Portable Base	p. 67
FrenchCreek PD1 Davit Mast	p. 67
3M DBI-SALA Long Reach Davit 8000119	p. 67
SMC VECTOR Monopod	p. 66

RETRIEVAL DEVICES

FrenchCreek R50G 3-Way Rescue SRL	p. 68
FrenchCreek FCP2005-100G 3-Way SRL	p. 68
FrenchCreek R100T 3-Way SRL	p. 68
FrenchCreek MW50G Material Winch	p. 68
KONG RAIZER Winch Set	p. 65
Petzl TWIN RELEASE SYSTEM	p. 30

ATTACH TO THE ENTRANT

PMI CS Tech Full Body	p. 27
Singing Rock Expert 3D Speed Steel	p. 26
FrenchCreek 207 Rescue Wristlets	p. 67
FrenchCreek 207Y Wristlets with Yoke	p. 67
FrenchCreek 702Y Retrieval Yoke	p. 67
KONG DIAPASON Spreader	p. 68

NARROW-SPACE PACKAGING

Junkin JSA-300-CS Confined Space Stretcher	p. 73
Junkin JSA-360-CS 14 in. Wooden Backboard	p. 73
KONG ROLLY	p. 72
KONG HALF ROLLY	p. 73
KONG X-TRIM 4	p. 73

VENTILATION

Allegro 8 in. COM-PAX-IAL + 15 ft Duct	p. 69
Allegro 8 in. Explosion-Proof Axial	p. 69
Allegro 8 in. Ex-Proof + 25 ft Conductive Duct	p. 69
Allegro 8 in. Manhole Passthru (MVP)	p. 69
Allegro 33 in. Manhole Guard Rail	p. 69

LIGHT & PERSONAL

Koehler Bright Star WorkSafe 2206 Lantern	p. 81
Koehler Bright Star Vision LED Headlamp	p. 81
Dorcy Pro 470 Lumen High CRI & UV	p. 81
FoxFury Breakthrough BT2+	p. 80
HexArmor MX500 Goggles	p. 19

SWIFTWATER & FLOOD // WATER RESCUE KIT

Shore-based options first: reach, throw, row, go. See the throw-bag and cinch diagrams on page 76.

PERSONAL KIT

KONG Swift Water Rescue Personal Kit	p. 77
NRS Tactyl Rescue Helmet	p. 18
NRS Neso Whitewater Helmet	p. 18
WRSI Current Vented Helmet	p. 18
WRSI Trident Carbon Composite	p. 18
NRS Reactor Rescue Gloves	p. 22
NRS Utility Gloves 2 mm	p. 22

THROW BAGS & LINES

NRS NFPA Rope Rescue Throw Bag	p. 77
NRS Pro Compact Throw Bag	p. 77
NRS Standard Throw Bag	p. 77
PMI H2-Throw Bag	p. 77
Scotty Rescue Throw Bag 50 ft	p. 77
PMI Retro Reflective Water Rescue Rope	p. 47

IN-WATER & ICE

NRS Rescue Board	p. 77
Mustang Survival Ice Commander Rescue Suit	p. 77
Rescue Source Crossline Reach	p. 77
FrenchCreek 631LJ with Life Jacket	p. 29

ROPE SYSTEMS

NRS Z-Drag Kit	p. 59
SMC 2 in. Swiftwater Pulley	p. 57
NRS Master-D Screw Lock	p. 52
NRS Nuq Twist Lock	p. 55
NRS Sliq Triple Lock	p. 55
SMC Origin 8 Rigging Plate	p. 56

PATIENT & FLOTATION

KONG 911 HIVE	p. 73
Junkin JSA-303 Flotation Collar	p. 74
KONG FLOK-IT Flotation Kit	p. 74
KONG ROLLY	p. 72

DRY BAGS & TOOLS

NRS Expedition DriDuffel	p. 77
Singing Rock Dry Bag 40 L	p. 78
Singing Rock Dry Bag 60 L	p. 78
NRS Pilot Access SAR Knife	p. 77
Spyderco Rescue 79 mm	p. 77
Dorcy 200 Lumen Floating Lantern	p. 78

THE SWIFTWATER RESCUER // HEAD TO TOE

What each water rescue technician should carry before working near moving water.



EN 1385 WATER HELMET
Drains fast and will not soak up water. Page 18.

RESCUE PFD
Quick-release belt for tethered work; the KONG kit includes a 150N AutoLife. Page 77.

WATER RESCUE GLOVES
Grippy palms or 2 mm neoprene. Page 22.

FOOTWEAR & THERMAL
Water shoes; drysuit or ice suit for cold water. Page 77.

RESCUE KNIFE
Reachable with either hand to cut entanglements. Page 77.

THROW BAG
On the PFD or belt, ready to deploy. Page 77.

WHISTLE & LIGHT
On the PFD: signal the team when you cannot shout over the water.

FLOODS ARE USAR WORK TOO

Hurricane and flood deployments put collapse teams in moving water. Every member working near the water needs a helmet, PFD, knife and throw bag, even if their main job is search or structural triage. Hearing protection is not needed for water work and gets in the way of hearing shouted commands.

SAR, WILDLAND & FIRE SUPPORT // FIELD KIT

Search lines and escape systems for structure fire; lighting and field support for search and wildland operations.

FIRE SEARCH & ESCAPE

Sterling Rope FDNY Large Area Search Kit	p. 46
Sterling Rope SearchLite 7.5 mm Search Rope	p. 45
PMI 9 mm Rapid Search Line II	p. 46
Sterling Rope FCX Firefighter Escape System	p. 47
Sterling Rope SafeTech 8 mm Escape Rope	p. 46
PMI PMW Urgent Escape Kit	p. 30
PMI PMW Hot Urgent Escape Kit	p. 30

LIGHTING — FIRE & WILDLAND

FoxFury Wildland Fire Lighting Kit	p. 80
FoxFury Structure Fire Lighting Kit	p. 80
FoxFury Structure Fire Side Kit	p. 80
FoxFury Breakthrough BT2+	p. 80
Streamlight E-Flood FireBox	p. 80
Koehler Bright Star LightHawk Gen II	p. 80

PERSONAL LIGHTING

Dorcy Pro 1000 Lumen Headlamp	p. 81
Dorcy Ultra HD 650 Lumen Headlamp	p. 81
Dorcy Pro 470 Lumen High CRI & UV	p. 81
DieHard 375 Lumen Motion Headlamp	p. 81
Dorcy 335 Lumen Multi-Function Headlamp	p. 81

EYE & HAND

HexArmor MX500 Goggles	p. 19
Wiley X SPEAR Goggles 3-Lens	p. 19
Bear Knuckles Bushwhacker HD361 Wildland	p. 22
HexArmor Chrome IronHide 4091IMP	p. 21
HexArmor EXT Rescue 4012	p. 21

SEARCH & NAVIGATION CORD

Sterling Rope GLO Cord 2.75 mm	p. 47
Sterling Rope 1 in. TechTape Orange	p. 47
PMI Rope ID Kit	p. 47

FIELD SUPPORT

Cleanwaste GO Anywhere Portable Toilet System	p. 83
Cleanwaste Original WAG BAG Waste Kit	p. 84
Potty Pack Single-Use Travel Toilet Kit	p. 85
Adventure Ready Clean Capsule	p. 85
GoGirl Female Urination Device	p. 85
XMRE 1300XT Meals Ready to Eat	p. 85

WILDLAND NOTE

For wildland crews we carry the Bear Knuckles Bushwhacker HD361, a heavy buffalo-hide glove built for fireline construction and hand tools, and the FoxFury Wildland Fire Lighting Kit. Vertex does not currently list NFPA 1977 certified wildland helmets or gloves; check your agency's requirements before you order fireline PPE.



RESCUE HELMETS · EYEWEAR · IMPACT & ROPE GLOVES

HEAD, EYE & HAND

NFPA 1951 rescue helmets, climbing-style work-at-height helmets and water-rescue helmets; ballistic eyewear and sealed goggles for collapse dust; impact gloves for USAR and leather rope gloves for belay and rappel.

PMI | Petzl | KONG | Singing Rock | HexArmor | Bear Knuckles | NRS | WRSI | Wiley X | Magid | CMC

RESCUE HELMETS // WHICH STANDARD FITS THE JOB

Many helmets carry several marks. Match the standard to the hazard — collapse, rope, electrical or water — and to your department's policy.

Standard	What it covers
NFPA 1951	Technical rescue protective ensembles. Helmets tested for rescue and recovery work — the reference standard for many USAR and fire rescue teams.
ANSI/ISEA Z89.1	US industrial head protection. Type I (top impact) or Type II (top and side); Class G, E or C for electrical protection.
EN 12492	Mountaineering helmets: side, front and rear impact plus a chin strap that stays on in a fall. Common on rope rescue helmets.
EN 397	European industrial safety helmet; chin strap releases under load to prevent strangulation.
EN 50365	Electrically insulating helmets for work on low-voltage installations (up to 1,000 V AC).
EN 1385	Canoe and whitewater helmets — the water-rescue helmet standard.
EN 443	Firefighting helmets for buildings and structures.



PMI

PACIFIC KIWI USAR HELMET

NFPA 1951 · ANSI Z89.1 · EN 443

Built to NFPA 1951 for technical rescue: structural-collapse, USAR and rescue-and-recovery work.

ITEM # V0-PMI-HL33037 / 33038 / 33039 / 33041

COLORS Red · Black · Yellow · White



PMI

ADVANTAGE KEVLAR RESCUE HELMET

NFPA 1951 · ANSI Z89.1 · EN 397

Kevlar shell, ratchet headband, 3-point chin strap, headlamp retainer and goggle mounts. 52–64 cm.

ITEM # V0-PMI-HL33011 – 33035

COLORS Red · Orange · White · Blue · Matte Black · Fluorescent Green



PMI

IMPACT ANSI HELMET

ANSI Z89.1 · EN 397 · EN 12492

Type I Class C vented helmet with increased side-impact protection (per PMI) and a micro-peak brim.

ITEM # V0-PMI-HL33093 / 33094

COLORS Hi-Viz Yellow · Hi-Viz Orange



PMI

E-GO ANSI HELMET

ANSI Z89.1 · EN 397 · EN 50365

Electrically rated (E) rescue and work-at-height helmet for high-voltage exposure.

ITEM # V0-PMI-HL33095



PACIFIC

R6 CHALLENGER HELMET

ROPE RESCUE

Lightweight, low-profile multi-purpose helmet with integrated retention and reflective detail.

ITEM # V0-PMI-PNZ1091019 – 1091022

COLORS Red · Green · White · Black



PACIFIC

R6L PATROLLER HELMET

KEVLAR · PICATINNY

Kevlar/fiberglass shell with Picatinny rails and VAS shroud for lights, cameras and NVG.

ITEM # V0-PMI-R6L-SATBLK / -SATRED / -SATRESBLU

COLORS Satin Black · Satin Red · Satin Rescue Blue

PETZL HELMETS // VERTEX & STRATO

The rope-rescue standard: ANSI Z89.1 Type I plus EN 12492, with slots for Petzl visors, muffs and comms.



PETZL

VERTEX VENT

ANSI Z89.1 · EN 397 · EN 12492

Type I Class C. Six-point textile suspension, CENTERFIT wheels, sliding vent shutters.



ITEM # VO-VSG-VTVA-BK series

COLORS Green · Yellow · Orange · Red · White · Blue · Black



PETZL

VERTEX VENT HI-VIZ

ANSI Z89.1 · EN 397 · EN 12492

Hi-viz VERTEX VENT with reflective bands for night and roadside operations.



ITEM # VO-VSG-VVHA-OR / -YL

COLORS Yellow · Orange



PETZL

STRATO VENT

ANSI Z89.1 · EN 397 · EN 12492

Lightweight vented helmet; order bare or with SENA Work4 / 33i comms.



ITEM # VO-VSG-STVA-BK series

COLORS Red · Yellow · White · Black

OPTIONS

No comms · SENA Work4 + 3M muffs · SENA Work4 + Notch Hook Ups · SENA 33i + Notch Hook Ups



PETZL

STRATO HI-VIZ

ANSI Z89.1 · EN 397 · EN 50365

Non-vented hi-viz STRATO with electrical rating.



ITEM # VO-VSG-SHVA-OR / -YL

COLORS Hi-Viz Yellow · Hi-Viz Orange

SINGING ROCK HELMETS // FLASH & BLAST

Work-at-height and rescue helmets. FLASH models carry a 440 V AC shell rating.



SINGING ROCK

FLASH ACCESS

EN 397 EN 12492

Non-vented work-at-height and rescue helmet; 440 V AC rated shell.



ITEM # VO-LM-497868 / 497869

COLORS Red · Hi-Viz Yellow



SINGING ROCK

FLASH AERO

EN 397 EN 12492

Highly ventilated, liner-free shell for hot-weather rope and rescue work.



ITEM # VO-LM-497866 / 497867

COLORS Red · Hi-Viz Yellow



SINGING ROCK

FLASH INDUSTRY

EN 397

Non-vented industrial work helmet; 440 V AC; three depth settings.



ITEM # VO-LM-497650 – 497653

COLORS Hi-Viz Yellow · Red · White · Black



SINGING ROCK

BLAST VENTED

EN 397

ABS/PC shell with EPS liner; mesh-protected vents; 420 g.



ITEM # VO-LM-498200 – 498205

COLORS Orient Red · Berry Blue · Neon Yellow · Onyx Black · Polar White · Saffron Gold

KONG & CEROS HELMETS // CLIMBING & INDUSTRIAL

KONG MOUSE WORK for rope access and the Ceros XP450 with Mips rotational protection for collapse and industrial sites.

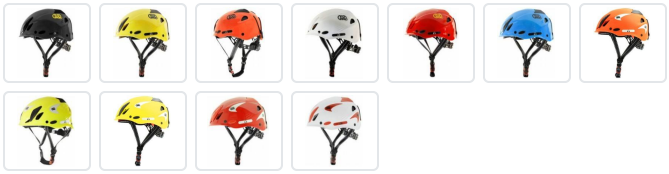


KONG

MOUSE WORK

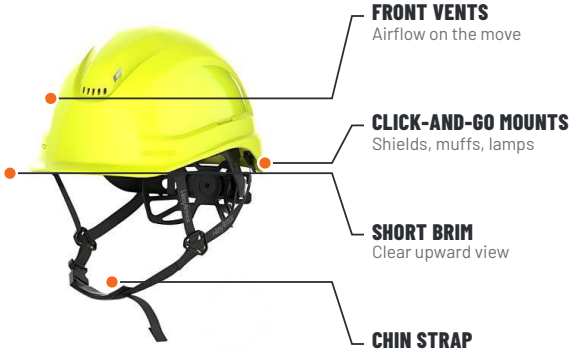
EN 397

Light ventilated work-at-height helmet; reflective versions; visor and earmuff ready.



ITEM # V0-KONG-99718AA02KK series

COLORS Black · Yellow · Orange · White · Red · Blue · Orange Fluo Reflective Soft Touch · Yellow Fluo Reflective Soft Touch · Red Reflective · White Reflective · Yellow Fluo Reflective



HEXARMOR

CEROS XP450A WITH MIPS

ANSI Z89.1 · TYPE 1 C

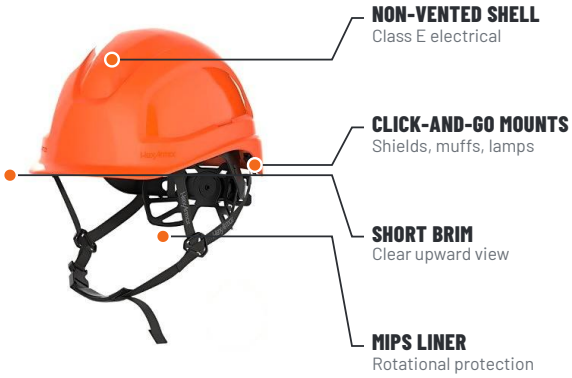
Short-brim vented helmet with Mips rotational protection; Click-and-Go accessory mounts.



ITEM # V0-HEX-16-14001M-E series

COLORS Red · Green · Yellow · Orange · Gray · Hi-Viz Yellow · Hi-Viz Orange · White · Blue · Black

OPTIONS Each · 20 Units per Case

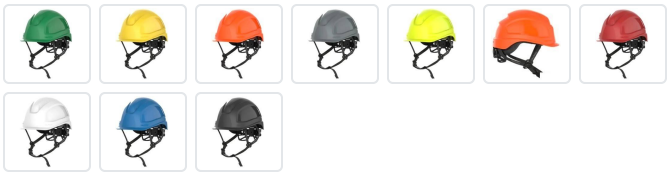


HEXARMOR

CEROS XP450AE WITH MIPS

ANSI Z89.1 · TYPE 1 E

Non-vented, Class E version of the XP450A for electrical exposure.



ITEM # V0-HEX-16-15001M-E series

COLORS Green · Yellow · Orange · Gray · Hi-Viz Yellow · Hi-Viz Orange · Red · White · Blue · Black

OPTIONS Each · 20 Units per Case

WATER RESCUE HELMETS // EN 1385

Swiftwater and flood helmets. Built to drain, float clear and stay on in moving water.



NRS

TACTYL RESCUE HELMET

EN 1385

Water-rescue helmet with NVG/MPLS shroud and side rails; multi-impact EPP liner.



ITEM # V0-NRS-42603.01-[color]-[size]
COLORS Red · Orange · Safety Yellow · White · Black
SIZES XS/S · M/L · XL/XXL



NRS

NESO WHITEWATER HELMET

EN 1385

Light multi-impact water helmet; 11 vent and drain openings.



ITEM # V0-NRS-42602.01-[color]-[size]
COLORS Green · Red · White · Blue · Black · Plum
SIZES XS/S · M/L · XL/XXL



WRSI

CURRENT VENTED HELMET

EN 1385

Interconnect retention keeps it in place in moving water.



ITEM # V0-NRS-43000.03-[color]-[size]
COLORS Lime Green · Phantom · Salsa · Ghost · Fjord
SIZES S/M · M/L · L/XL



WRSI

TRIDENT CARBON COMPOSITE

EN 1385

Non-vented carbon shell, EVA liner and polyurethane sub-shell.



ITEM # V0-NRS-43002.03-[color]-[size]
COLORS Phantom · Ghost · Poseidon · Carbon
SIZES S/M · M/L · L/XL

EYE & FACE PROTECTION // BALLISTIC, SEALED & HELMET-MOUNTED

Ballistic eyewear for tactical teams, gasketed glasses and goggles for collapse dust, and shields that mount to your helmet.



WILEY X
GUARD ADVANCED
ANSI Z87.1 · MIL-PRF-32432

Ballistic glasses; 3-lens kit for changing light.

ITEM # V0-WX-4006
3 lenses



WILEY X
SABER ADVANCED
ANSI Z87.1 · MIL-PRF-32432

High-wrap ballistic shield; 3-lens kit.

ITEM # V0-WX-309
3 lenses



WILEY X
SABER ADVANCED OD GREEN
ANSI Z87.1 · MIL-PRF-32432

Matte OD Green frame; 3-lens kit.

ITEM # V0-WX-308G
Matte OD Green, 3 lenses



WILEY X
SABER ADVANCED TAN
ANSI Z87.1 · MIL-PRF-32432

Matte Tan frame; 3-lens kit.

ITEM # V0-WX-308T
Matte Tan, 3 lenses



WILEY X
SPEAR GOGGLES 3-LENS
ANSI Z87.1 · MIL-PRF-32432

Ballistic goggle system with three lenses.

ITEM # V0-WX-SP293B / SP293T
COLORS Matte Tan · Matte Black



WILEY X
SPEAR GOGGLES 2-LENS
ANSI Z87.1 · MIL-PRF-32432

Ballistic goggle system with two lenses.

ITEM # V0-WX-SP29B / SP29T
COLORS Matte Tan · Matte Black



WILEY X
WX VALOR
ANSI Z87.1 · MIL-PRF-32432

Semi-rimless ballistic glasses; 3-lens kit.

ITEM # V0-WX-CHVAL06 / CHVAL06T
COLORS Matte Tan frame · Matte Black frame



WILEY X
WX VAPOR COMM
ANSI Z87.1 · MIL-PRF-32432

Low-profile COMM temples fit under headsets; 3-lens kit.

ITEM # V0-WX-3552
COMM temples



HEXARMOR
MX500 GOGGLES
ANSI Z87.1 · EN 166

Panoramic anti-fog goggle with indirect venting and soft seal.

ITEM # V0-HEX-12-12001-02-E series
OPTIONS
Clear TruShield, Cloth Strap · Grey 23% TruShield, Cloth Strap · Clear TruShield 2SF, Neoprene Strap · Clear TruShield, Neoprene Strap · Grey 23% TruShield, Neoprene Strap
OPTIONS Each · 4 Units per Pack



HEXARMOR
MX350 GASKETED
CSA Z94 · EN 166

Soft-seal glasses that bridge glasses and goggles; D3/D4 marked.

ITEM # V0-HEX-11-23001-04-12P / -192C
OPTIONS 12-Pair Pack · 192-Pair Case



HEXARMOR
VS300G GASKETED
ANSI Z87.1 · EN 166

Removable foam gasket blocks dust and debris.

ITEM # V0-HEX-11-25001-02-12P series
OPTIONS Clear · Grey 23% · Variomatic
OPTIONS 12-Pair Pack · 192-Pair Case



HEXARMOR
VS450G GASKETED
ANSI Z87.1 · EN 166

Removable TPE gasket; configurable frame.

ITEM # V0-HEX-11-30001-02-12P series
OPTIONS 12-Pair Pack · 192-Pair Case
COLORS Clear · Grey 23% TruShield



PMI
X-TRICATOR GOGGLES WITH MOUNT
ANSI Z87.1 · EN 166

Helmet-mount goggles for extrication and collapse dust.

ITEM # V0-PMI-HL33021



PETZL
VIZIR EYE SHIELD
ANSI Z87.1 · EN 166

Clear or Shadow shield for VERTEX and STRATO.

ITEM # V0-VSG-41254 / 41255
COLORS Clear · Shadow

HELMET SHIELDS & PARTS // FIT THE HELMET YOU WEAR

Order shields and spares made for your helmet; mixing brands can stop a shield or muff from locking in.



PETZL
VIZEN MESH FACE SHIELD
ANSI Z87.1 · EN 1731
Full-face mesh screen for VERTEX and STRATO.
ITEM # V0-VSG-41258



SINGING ROCK
COVER EYE SHIELD
EN 166
Clear integrated shield for FLASH and BLAST helmets.
ITEM # V0-LM-497684



SINGING ROCK
SAFE STEEL MESH VISOR
EN 1731
Fine steel mesh face protection against chips and debris.
ITEM # V0-LM-497679



KONG
HELMET VISOR
EN ISO 16321-1
Clear visor for MOUSE and SPIN; tool-free mounting.
ITEM # V0-KONG-997056P00KK
MOUSE/SPIN



KONG
LONG VISOR
EN ISO 16321-1
Full-face visor, impact level E, for MOUSE and SPIN.
ITEM # V0-KONG-997046P00KK
MOUSE/SPIN



KONG
MOUSE ADJUSTABLE HEADBAND
Replacement suspension for MOUSE WORK and SPORT.
ITEM # V0-KONG-997052100KK



KONG
MOUSE PLATES (PAIR)
Earmuff mounting kit for MOUSE helmets.
ITEM # V0-KONG-997051N00KK



KONG
MOUSE WORK PADDING
Antibacterial replacement foam set.
ITEM # V0-KONG-997057F00KK

IMPACT GLOVES // ANSI/ISEA 138

Back-of-hand impact protection is rated Level 1 to 3; Level 3 lets the least force through. USAR teams pick impact gloves for breaching, shoring and debris removal, where hands meet concrete, rebar and timber.

CUT & PUNCTURE // ANSI/ISEA 105

Cut is rated A1 (200 g) to A9 (6,000 g); puncture 1 to 5. A high cut level does not mean puncture or impact protection — check every tile.

ROPE GLOVES

Leather rope gloves are built for belay, rappel and rigging: abrasion and heat from the rope, and the feel to work carabiners. They are not impact gloves. Most teams carry both.

IMPACT GLOVES // USAR, EXTRICATION & HEAVY RESCUE

Tags show the maker's ANSI cut, puncture and impact ratings.



BEAR KNUCKLES

SLEDGEHAMMER SU375

A7 CUT **PUNCT 4** **IMPACT 2**

Buffalo leather, steel/para-aramid liner, TPR back-of-hand guards, padded palm. Oil- and water-resistant.

ITEM # **V0-BK-SU375-S / -M / -L / -XL / -2XL**

SIZES S · M · L · XL · XXL



HEXARMOR

CHROME IRONHIDE 4091IMP

A8 CUT **PUNCT 5** **IMPACT 2**

IronHide leather over SuperFabric — highest puncture rating we carry.

ITEM # **V0-HEX-4091IMP-L-E – (7 sizes)**

SIZES XS · S · M · L · XL · XXL · XXXL



HEXARMOR

RIG LIZARD 2028X

A6 CUT **IMPACT 2**

Hi-vis impact exoskeleton with HPPE/steel cut liner.

ITEM # **V0-HEX-2028X-L-Pr series**

OPTIONS One Pair · 12-Pair Pack · 36-Pair Case

SIZES XS (6) · S (7) · M (8) · L (9) · XL (10) · XXL (11) · XXXL (12)



HEXARMOR

HELIX 3026IMP

A7 CUT **IMPACT 2**

21-gauge high-dexterity cut shell with IR-X impact guards.

ITEM # **V0-HEX-3026-L-12P series**

SIZES XXS (5) · XS (6) · S (7) · L (9) · XL (10) · XXXL (12)

OPTIONS 12-Pair Pack · 72-Pair Case



MAGID

T-REX TRX814 REBEL

A6 CUT **IMPACT 2** **HEAT 2**

Goatskin driver with para-aramid liner and TPR guards.

ITEM # **V0-MAG-TRX814L series**

OPTIONS Pair · 12-Pair Pack · 48-Pair Case

SIZES XS · S · M · L · XL · XXL · XXXL · XXXXL



MAGID

T-REX TRX400 FLEX

A1 **IMPACT 1**

General-purpose knit impact glove.

ITEM # **V0-MAG-TRX400L series**

OPTIONS Pair · 12-Pair Pack · 72-Pair Case

SIZES S · M · L · XL · XXL · XXXL



HEXARMOR

EXT RESCUE 4012

A8 CUT **IMPACT 2** **PUNCT 2**

SuperFabric palm layer and back-of-hand impact system — built for extrication and USAR.

ITEM # **V0-HEX-4012-L-Pr – (6 sizes)**

SIZES XS · S · M · L · XL · XXL



BEAR KNUCKLES

HAYMAKER S390

A6 CUT **PUNCT 4** **ABR 4**

Water-resistant cowhide with a cut-resistant liner.

ITEM # **V0-BK-S390-S / -M / -L / -XL / -2XL**

SIZES S · M · L · XL · XXL



HEXARMOR

RIG LIZARD 2021X

A3 CUT **PUNCT 4** **IMPACT 2**

Hi-vis impact glove; reinforced index and thumb saddle.

ITEM # **V0-HEX-2021X-L-Pr series**

OPTIONS One Pair · 12-Pair Pack · 36-Pair Case

SIZES XS (6) · S (7) · M (8) · L (9) · XL (10) · XXL (11) · XXXL (12)



MAGID

T-REX TRX743 WINDSTORM

A6 CUT **PUNCT 4** **IMPACT 2**

Padded goatskin palm, CoolMesh back, gauntlet cuff.

ITEM # **V0-MAG-TRX743L series**

OPTIONS Pair · 12-Pair Pack · 72-Pair Case

SIZES XXS · XS · S · M · L · XL · XXL · XXXL · XXXXL



MAGID

T-REX TRX685 AERODEX

A6 CUT **IMPACT 2**

Light 18-gauge shell; touchscreen fingers.

ITEM # **V0-MAG-TRX685-L series**

OPTIONS Pair · 12-Pair Pack · 72-Pair Case

SIZES S · M · L · XL · XXL



ARMOR GUYS

KYORENE PRO MAX 24-847

A4 CUT **IMPACT 2**

Thin 24-gauge graphene liner; 24-pair pack.

ITEM # **V0-AG-24-847-XS – -2X**

SIZES XS · S · M · L · XL · 2XL

ROPE & WATER GLOVES // BELAY, RAPPEL & SWIFTWATER

Leather and Kevlar rope gloves, general-duty leather, the Bushwhacker wildland glove, and neoprene for the water.



PMI

ROPE TECH GLOVES

ROPE · RAPPEL

Leather rope-handling gloves for belay, rappel and rigging.

ITEM # V0-PMI-GL22301 – 22306

SIZES XS · S · M · L · XL · XXL



EDELWEISS

CONTROL LEATHER GLOVES

ROPE

Full-leather rope gloves for control on the line.

ITEM # V0-LM-446666 – 446669

SIZES S · M · L · XL



KONG

FULL GLOVES

EN 388

Kevlar-reinforced rope and rigging gloves.

ITEM # V0-KONG-95203NNN3KK – 8KK

SIZES S · M · L · XL · XXL



KONG

SKIN GLOVES

EN 388

Lightweight belay and rope gloves.

ITEM # V0-KONG-95205N002KK / 6KK / 7KK

SIZES S · L · XL



HEXARMOR

CHROME SLT 5071 OILGUARD

A4 CUT · ARC CAT 4

OilGuard+ goatskin resists oil and water saturation.

ITEM # V0-HEX-5071-L-E – (7 sizes)

SIZES XS · S · M · L · XL · XXL · XXXL



BEAR KNUCKLES

BODACIOUS D357

COWHIDE

Water-resistant cowhide driver; Bear Knuckles' top-selling leather glove.

ITEM # V0-BK-D357-S / -M / -L / -XL / -2XL / -3XL

SIZES S · M · L · XL · XXL · XXXL



NRS

REACTOR RESCUE GLOVES

WATER

Swiftwater rescue glove with grippy palm; Safety Yellow/Black.

ITEM # V0-NRS-25032.03-[size]

SIZES S · M · L · XL · XXL



PETZL

CORDEX PLUS

EN 388

Mid-weight belay/rappel glove; double leather in high-wear zones.

ITEM # V0-VSG-PCPGS-BK-M series

COLORS Tan · Black

SIZES S · M · L · XL



CMC

ESSENTIAL GLOVE

EN 388

Rope-rescue glove; Gray/Black.

ITEM # V0-VSG-CEG-BKG-S / -M / -L / -XL / -XXL

SIZES S · M · L · XL · XXL



KONG

FULL GLOVES AERO

EN 388

Double-Kevlar palm for helicopter winch operators.

ITEM # V0-KONG-95206NNN6KK / 7KK / 8KK

SIZES L · XL · XXL



HEXARMOR

CHROME SLT 4061

A5 CUT · ARC CAT 4

Goatskin with aramid liner; no impact guards — a rope-handling glove.

ITEM # V0-HEX-4061-L-E – (7 sizes)

SIZES XS · S · M · L · XL · XXL · XXXL



BEAR KNUCKLES

SWITCHBLADE SC6100

A6 CUT · PUNCT 3

18-gauge Dyneema shell, sandy nitrile palm; light and dexterous.

ITEM # V0-BK-SC6100-M / -L / -XL

SIZES M · L · XL



BEAR KNUCKLES

BUSHWHACKER HD361 WILDLAND

BUFFALO HIDE

Heavy buffalo-hide driver for fireline construction, brush clearing and hand tools; about 40% more leather.

ITEM # V0-BK-HD361-S / -M / -L / -XL / -2XL / -3XL

SIZES S · M · L · XL · XXL · XXXL



NRS

UTILITY GLOVES 2 MM

NEOPRENE

2 mm neoprene rope-handling glove for wet, cold work.

ITEM # V0-NRS-25025.04-[size]

SIZES S · M · L · XL · XXL

HEARING PROTECTION // USAR NOISE

USAR teams cut concrete and steel, break slabs and run saws, generators and compressors. Protect hearing on the pile and at the base of operations.

Where	Noise sources	Start with
On the pile	Breakers, rotary hammers, concrete and rescue saws, metal cutting	Plugs for everyone plus helmet muffs for operators
Shoring & cutting station	Chop saws, circular saws, nail guns	Corded plugs that hang at the neck between cuts
Base of operations	Generators, compressors, light towers	Over-the-head muffs or disposable plugs
Confined space	Blowers and tools in an enclosed space	Plugs under the helmet; muffs only if they don't snag



HEXARMOR
ACCUFIT DISPOSABLE EARPLUGS
NRR 30–33

Three sizes so every member gets a seal; 300-pair refill boxes.

ITEM # V0-HEX-18-10003-E / 11003-E / 12003-E
SIZES Small 30 dB · Medium 32 dB · Large 33 dB
OPTIONS 300-pair refill box



HEXARMOR
SIMPLEFIT REUSABLE GUIDED
NRR 25 **CORDED**

Washable, reusable; two sizes.

ITEM # V0-HEX-18-20001-48BX / 21001-48BX
SIZES Small · Medium/Large
OPTIONS Box of 48 pairs · Case of 480 pairs



HEXARMOR
CEROS K-SERIES HELMET MUFFS
NRR 22–25

Slot-mount for Ceros helmets; flip to standby between cuts.

ITEM # V0-HEX-17-15001-Pr / 16001-Pr / 17002-Pr
OPTIONS K1C 22 dB · K2C 25 dB · K2M 25 dB
OPTIONS Pair · Case of 20



SINGING ROCK
SECURE HELMET MUFFS
NRR 22–27

30 mm slot mount for FLASH and BLAST helmets.

ITEM # V0-LM-497670 / 497671 / 497672
COLORS Green (1C) Yellow (2C) Red (3C)



PMI
EARMUFF CLIP SET
PAIR

Mounts Peltor Hi-Viz muffs to PMI helmets.

ITEM # V0-PMI-HL33045
pair



HEXARMOR
SIMPLEFIT DISPOSABLE GUIDED
NRR 27 **CORDED**

Corded plugs hang around the neck between cuts.

ITEM # V0-HEX-18-14001-48BX / -480C
OPTIONS Box of 48 Pairs · Case of 480 Pairs



HEXARMOR
K-SERIES OVER-THE-HEAD MUFFS
NRR 23–30

K1, K2 or K3 for staging and generator areas.

ITEM # V0-HEX-19-10001-Pr / 10002-Pr / 10003-Pr
OPTIONS K1 23 dB · K2 26 dB · K3 30 dB
OPTIONS Each · Case of 20



KONG
3M PELTOR HELMET MUFFS
EN 352-3 **NRR 26 / 30**

For KONG MOUSE (with MOUSE Plates) and SPIN.

ITEM # V0-KONG-999160000XK / 999140000KK
COLORS Green 26 dB Yellow 30 dB



3M PELTOR
HI-VIZ HELMET MUFFS
PMI HELMETS

Low-profile muffs; fit PMI Advantage with the clip set.

ITEM # V0-PMI-HL33042

CHECK BEFORE YOU ORDER

- Match helmet muffs to the helmet: Ceros K-Series for HexArmor Ceros, KONG Peltor plus MOUSE Plates (page 20) for KONG MOUSE, Singing Rock SECURE for FLASH and BLAST, Peltor Hi-Viz plus clip set for PMI.
- Size plugs: accuFit comes in three sizes so every member gets a seal.
- OSHA 1910.95 and 1926.52 set noise exposure limits; follow your department's hearing conservation program.
- Not needed for swiftwater — rescuers must hear shouted commands.



RESCUE HARNESSES · VICTIM HARNESSES · BACK-UP · ESCAPE

HARNESSES & FALL PROTECTION

Class III life-safety harnesses for rope and confined-space rescue, heli-rescue and rope-access harnesses, victim harnesses and evacuation triangles, rope back-up devices and personal escape systems.

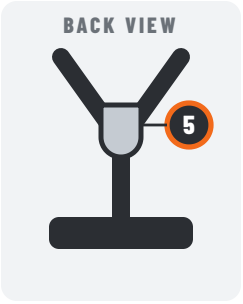
PMI | CMC | KONG | Singing Rock | Petzl | BEAL | FrenchCreek | SKYLOTEC | ISC | SMC

HARNESS ATTACHMENT POINTS // USE EACH ONE RIGHT

Rescue harnesses carry more than one connection point. Use each one only for what the maker rates it for.

Shown: PMI Avatar Deluxe, page 26





1. **STERNAL (CHEST)**
   Fall arrest and rope ascending on harnesses rated for it; keeps you upright.
2. **VENTRAL (FRONT WAIST)**
   Main point for rappel, belay and work positioning on rope.
3. **SIDE D-RINGS**
   Work positioning only — always pair with a fall-arrest connection.
4. **SHOULDER RINGS**
   On harnesses rated for it (PMI CS Tech, Singing Rock Expert 3D), used with a yoke or spreader for confined-space retrieval. Not shown: the Avatar Deluxe's shoulder points are lanyard parking only.
5. **DORSAL (BACK)**
   Fall arrest point on every full-body harness; also used for vertical retrieval.
6. **LEG LOOPS & SEAT**
   Carry the load in suspension. Padding matters on long hangs.

NFPA LIFE-SAFETY HARNESS CLASSES

Under NFPA (now NFPA 2500, which incorporates NFPA 1983), a **Class II** harness is a seat harness that fastens around the waist and thighs; a **Class III** harness fastens around the waist, thighs and over the shoulders and is the choice when a rescuer could be inverted. The PMI Avatar Deluxe, PMI CS Tech and Singing Rock Expert 3D in this section are listed as Class III / NFPA. Fall arrest in industry is governed separately by ANSI Z359.11.

CHECK BEFORE YOU ORDER

- Size every rescuer — most rescue harnesses come in two or three sizes; see the options under each item.
- Confined-space teams: a harness with shoulder points (PMI CS Tech, KONG ITAKA) works with the yokes and DIAPASON spreader on page 67.
- Work over water: the FrenchCreek 631LJ combines a harness and a USCG Type III PFD.
- Retire any harness that has arrested a fall, and inspect before every use.

FEATURED HARNESSES // TEAM FAVORITES

Shown large with every attachment point called out. More harnesses follow.



PMI

AVATAR DELUXE HARNESS

NFPA 2500 · ANSI Z359.11

CLASS	NFPA
III	2500

Class III full-body: sternal, dorsal and waist attachment points, side positioning D-rings, shoulder lanyard parking points; quick-release buckles.

- NFPA Class III life-safety harness (per PMI); ANSI Z359.11 fall arrest.
- Sternal, dorsal and front waist attachment points; side D-rings for work positioning, used as a pair.
- Lanyard parking points on both shoulders and a fall-arrest indicator.
- Quick-release buckles at the waist and leg risers.

ITEM # VO-PMI-SG51263



SINGING ROCK

EXPERT 3D SPEED STEEL

ANSI Z359.11 · NFPA 1983 III · EN 361

CLASS	RATED
III	330 lb

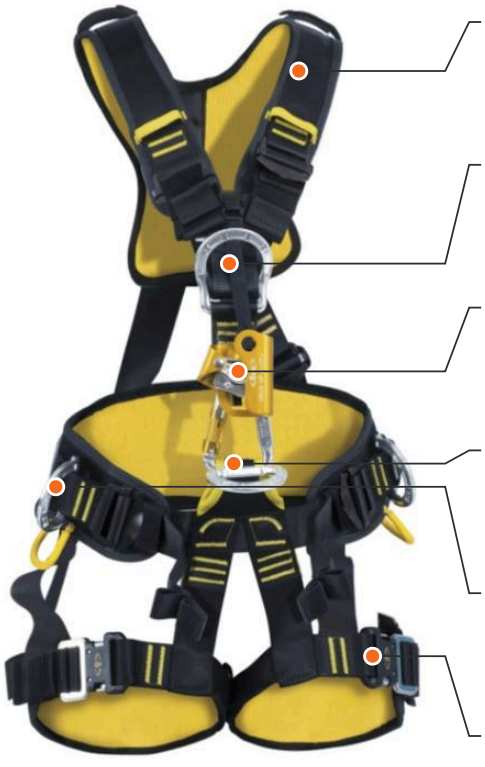
Fully adjustable rope-access harness, steel hardware, 150 kg (330 lb) max. rated load; shoulder points for confined-space rescue (EN 1497).

- Certified to NFPA 1983 Class III, ANSI Z359.11, EN 361, EN 813, EN 358 and EN 1497.
- Steel hardware, rated to 330 lb (150 kg).
- Fully adjustable 3D construction fits a wide range of rescuers.
- Speed buckles on waist and legs.

ITEM # VO-LM-497232 / 497233 / 497234
SIZES Small · Medium/Large · Extra Large

MORE FEATURED HARNESSES

Shown large with every attachment point called out. More harnesses follow.



BEAL

HERO PRO HOLD UP

EN 361 · EN 813 · EN 358

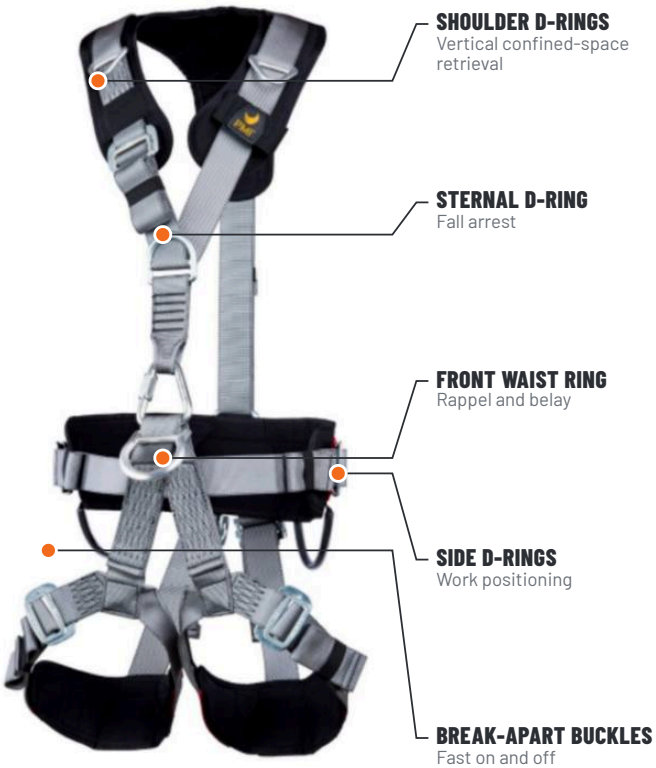
EN 361 · 813 · 358

Full-body work/rescue harness.

- EN 361 fall arrest, EN 813 sit harness and EN 358 positioning in one harness.
- Integrated chest ascender holds you upright when you climb or hang on rope.
- Wide padded waist and leg loops for long hangs.
- Check NFPA requirements: this harness is EN-certified.

ITEM # VO-PMI-BP100BY00S / BY0ML / BY0XL

SIZES S · M/L · XL



PMI

CS TECH FULL BODY

NFPA 1983 · CLASS III

CLASS III · USE Confined space

One-piece confined-space rescue harness with shoulder points and break-apart buckles.

- One-piece NFPA 1983 Class III harness built for confined-space rescue.
- Shoulder D-rings let the team lift a rescuer straight up through a manhole.
- Break-apart buckles for quick donning before entry.
- Light gray webbing is easy to inspect for wear and contamination.

ITEM # VO-PMI-SG51156

RESCUE HARNESSES // RESCUE, ACCESS & HELI

Class III life-safety harnesses, rope-access harnesses and helicopter rescue harnesses.



CMC

ATOM RESCUE HARNESS

FULL BODY

Technical rescue harness: fall arrest, positioning and suspension.

ITEM # V0-VSG-101005 / ATOM-M / ATOM-L

SIZES S · M · L



CMC

ATOM ACCESS HARNESS

ANSI Z359.11 CSA Z259

Rope-access full-body harness.

ITEM # V0-VSG-ATOM-ACCESS-S / -M / -L

SIZES S · M · L



CMC

ATOM ACCESS PLUS

ANSI Z359.11 CSA Z259

Premium access harness for long suspension.

ITEM # V0-VSG-102192 / 102193 / 102194

SIZES S · M · L



KONG

ITAKA WORK & RESCUE

EN 361 EN 813 EN 358 EASA

Removable chest section; DIAPASON-ready shoulder loops.

ITEM # V0-KONG-8W9852000KK / 3000KK / 4000KK

SIZES S/M · M/L · XL



KONG

TARGET PRO HELI-RESCUE

EN 361 EN 813 EASA

Ultralight harness for flight medics and hoist operators.

ITEM # V0-KONG-8W9932000KK / 3000KK / 5000KK

SIZES S · M/L · XL



KONG

X-FIVE ROPE ACCESS

EN 361 EN 358 EN 813

Five attachment points.

ITEM # V0-KONG-8W9401000KK / 3000KK

SIZES XS · S/M



PETZL

AVAO FAST INTERNATIONAL

FULL BODY

Work-positioning and fall-arrest harness with FAST buckles.

ITEM # V0-VSG-AVAOFASTINT-0 / -1 / -2

SIZES 0 · 1 · 2



PETZL

AVAO SIT FAST

SIT

Seat harness for positioning and suspension.

ITEM # V0-VSG-PEZC079BB00 / 01 / 02

SIZES 0 · 1 · 2



FRENCHCREEK

NAVIGATOR 22030B

ANSI Z359.11

Full-body harness, black.

ITEM # V0-FC-22030B-BLK-SM / -LXL / -2XL

SIZES S-M · L-XL · XXL



FRENCHCREEK

STRATOS ALUMINUM 22AL870B

ANSI Z359.11

Lightweight aluminum hardware; blue.

ITEM # V0-FC-22AL870B-BLUE-XS / -SM / -LXL / -2XL / -3XL

SIZES XS · S-M · L-XL · XXL · XXXL

MORE HARNESSES & VICTIM HARNESSES // PATIENT CAPTURE

Industrial full-body harnesses, a harness with built-in PFD, and quick-don harnesses for the person being rescued.



FRENCHCREEK

STRATOS 22850B-TS

ANSI Z359.11

Front waist D-ring, hip D-rings, tool belt.

ITEM # VO-FC-22850B-TS-XS / -SM / -LXL / -2XL / -3XL

SIZES XS · S-M · L-XL · XXL · XXXL



FRENCHCREEK

STRATOS 226509B

ANSI Z359.11

Stratos full-body harness.

ITEM # VO-FC-226509B-SM / -LXL / -2XL

SIZES S-M · L-XL · XXL



FRENCHCREEK

631LJ WITH LIFE JACKET

ANSI Z359.11 USCG TYPE III

Harness with built-in Type III PFD for work over water.

ITEM # VO-FC-631LJ-SM / -MXL

SIZES S-M · M-XL



CMC

PROSERIES LIFESAVER VICTIM HARNESS

Quick-don harness for securing a rescue subject.

ITEM # VO-VSG-99030



KONG

PEGASUS EVACUATION TRIANGLE

EN 1498 EASA

690 g; 15 attachment loops fit children to adults; 200 kg.

ITEM # VO-KONG-873000000KK



FRENCHCREEK

R490A U-RES-Q 6 FT LANYARD

ANSI Z359.1

Shock-absorbing lanyard with self-rescue ladder.

ITEM # VO-FC-490A



FRENCHCREEK

R-RESC U-RES-Q POUCH

ANSI Z359.1

Self-rescue pouch with 20 ft ladder.

ITEM # VO-FC-R-RESC



FRENCHCREEK

R-RETRO RETRO-FIT POUCH

ANSI Z359.1

Adds a 16 ft self-rescue ladder to a harness.

ITEM # VO-FC-R-RETRO



KONG

RESCUE TRIMMER+ KIT

EN 358

Adjustable positioning lanyard for heli-rescue.

ITEM # VO-KONG-289SETS08KK



SKYLOTEC

GORDON RESCUE BLOCK

ANSI Z359.14 EN 360

Fall-arrest block with rescue-belay function.

ITEM # VO-PMI-SYHSG020R

BACK-UP, ESCAPE & DESCENT // SECOND LINE OF DEFENSE

Rope back-up devices, pre-rigged rescue systems, personal escape kits and controlled-descent devices.



KONG

BACK-UP ANSI FALL ARRESTER

ANSI Z359.15 · EN 353-2 · EN 12841

Rope-adjustment/back-up device; twist-lock or autoblock.

ITEM # V0-KONG-8021N0400KK / 8021N0402KK

OPTIONS Twist-Lock · Autoblock



KONG

BACK-UP FALL ARREST KIT

ANSI Z359.15

Back-Up with 11 mm line 30–150 ft; harness and add-on options.

ITEM # V0-KONG-8021NSET100-NH-NA series

LENGTHS 30 ft · 50 ft · 100 ft · 150 ft

OPTIONS No harness · Sierra Duo M/L · Sierra Duo XL

OPTIONS Optional Y-lanyard



SINGING ROCK

BACK-UP WITH TL CONNECTOR

BACK-UP

Mobile fall arrester for vertical lifelines.

ITEM # V0-LM-497877



SINGING ROCK

LOCKER WITH SLING

BACK-UP

Fall arrester with attachment sling.

ITEM # V0-LM-KIT-448659-448634



ISC

RED BACK-UP DEVICE

EN 12841

Rotational braking back-up; tow cord and popper.

ITEM # V0-LM-109012



SMC

GRIP ROPE GRAB

NFPA T · 10-12.5 MM

Hand-inspected rope grab; 190 g.

ITEM # V0-LM-434496



3M DBI-SALA

SMART LOCK 20 FT SRL

CABLE

Galvanized cable SRL.

ITEM # V0-ON-3503872



PETZL

TWIN RELEASE SYSTEM

ANSI Z359.4

Pre-rigged 4:1 haul/lower; 280 kg; releasable under load.

ITEM # V0-VSG-100353



PMI

CRANE-TEK RESCUE SOLUTION

ANSI Z359.4 · EN 12841 · NFPA 1983

Escape system for crane and tower operators.

ITEM # V0-PMI-KT36166 / 36174 / 36176

LENGTHS 25 m · 66 m · 100 m



PMI

FALL-TEK RESCUE SOLUTION

PRE-RIGGED

Reach-and-raise kit for a suspended worker.

ITEM # V0-PMI-KT36168 / 36169 / 36170 / 36175

LENGTHS 25 m · 50 m · 66 m · 100 m



PMI

PMW URGENT ESCAPE KIT

ESCAPE

Escape hooks, force-absorbing rope, Kinetic carabiner. Made in USA.

ITEM # V0-PMI-KT36185



PMI

PMW HOT URGENT ESCAPE KIT

ESCAPE · TECHNORA

Heat-resistant Technora rope version. Made in USA.

ITEM # V0-PMI-KT36186



FRENCHCREEK

199D CONTROLLED DESCENT DEVICE

DESCENT

Lever control; locks on release or panic squeeze.

ITEM # V0-FC-199D



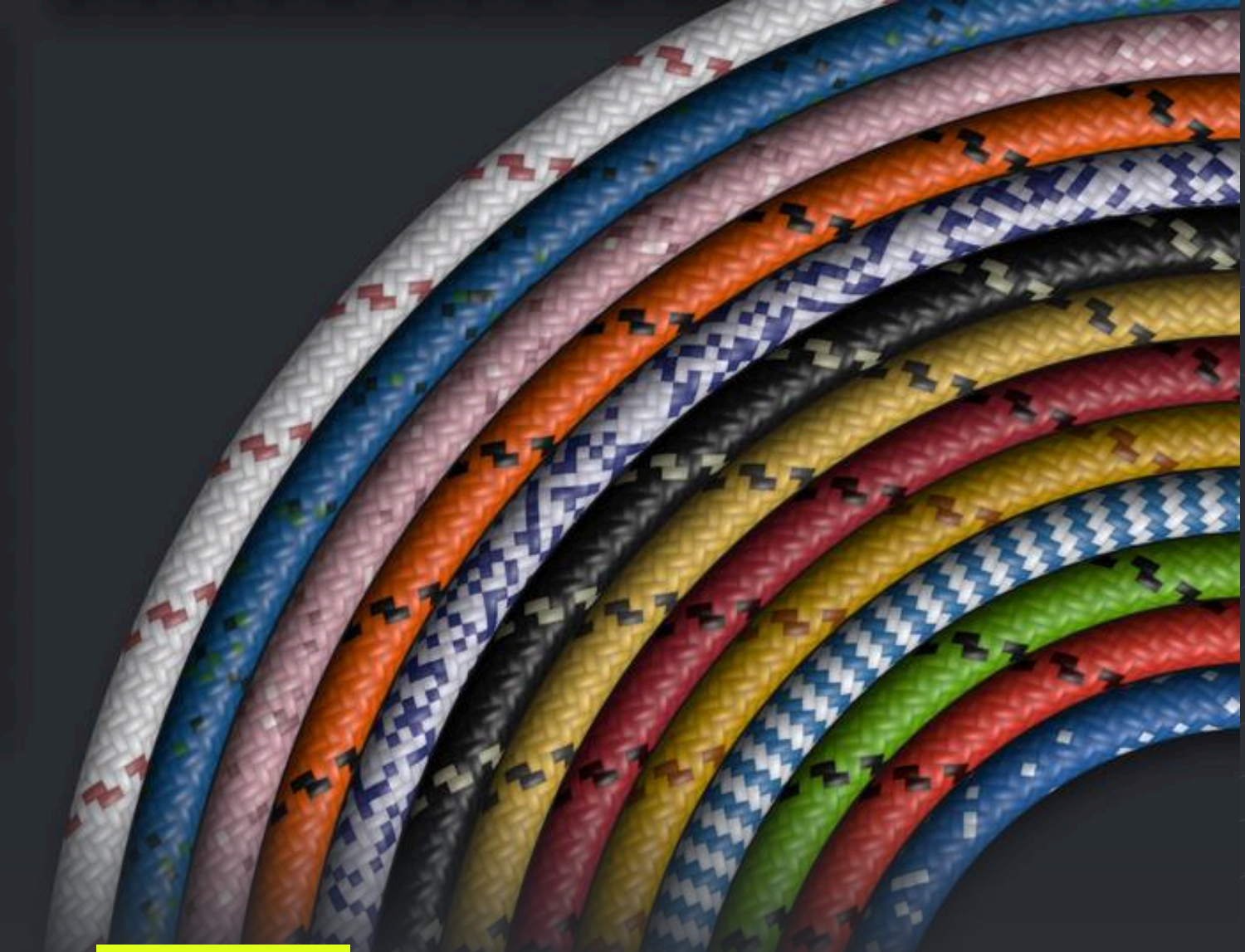
FRENCHCREEK

199D-50 DESCENT KIT

50 FT

199D with 50 ft of 7/16 in. kernmantle.

ITEM # V0-FC-199D-50



NFPA LIFE SAFETY ROPE · FIRE SEARCH & ESCAPE · WEBBING · CORD

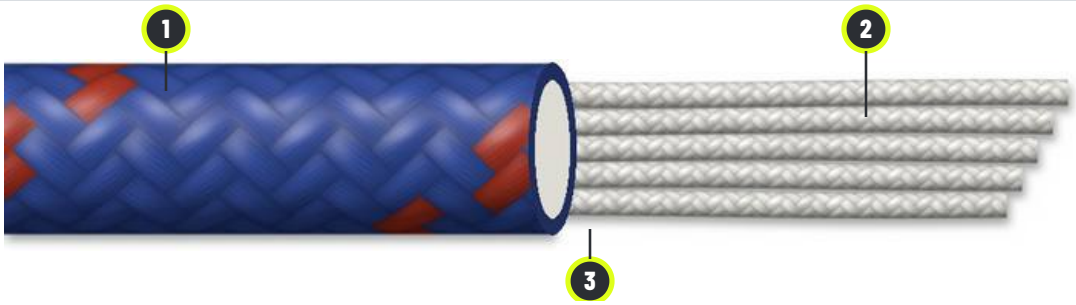
ROPE & SOFTWARE

General-use and technical-use life safety rope from PMI and Sterling Rope, rope-access statics from Armbury, BEAL, KONG and Singing Rock, Berry-compliant black rope for tactical teams, firefighter search and escape lines, tubular webbing, prusik cord and rope-care tools.

PMI | Sterling Rope | Armbury | BEAL | Singing Rock | KONG | Samson | Teufelberger | Cypher | Edelweiss | Maxim

LIFE SAFETY ROPE // G, T AND ESCAPE

Kernmantle rescue rope is a load-bearing core inside a braided protective sheath. NFPA sorts life safety rope by minimum breaking strength.



1 SHEATH (MANTLE)
Braided cover that resists abrasion, heat and dirt. Takes the wear — inspect it every use.

2 CORE (KERN)
Carries most of the load. Parallel strands give low stretch.

3 DIAMETER
1/2 in. (12.5 mm) and 7/16 in. (11 mm) are the classic G and T sizes; lighter lines for packs.

NFPA designation	Rope minimum breaking strength	Typical use	Matching hardware
General Use (G)	40 kN (8,992 lbf)	Two-person rescue loads with the traditional 15:1 margin; fire department and USAR main and belay lines.	G carabiners 40 kN; G pulleys 36 kN
Technical Use (T)	20 kN (4,496 lbf)	Lighter, smaller systems for trained technical teams; rope access style rescue.	T carabiners 22 kN; T pulleys 18 kN
Escape	13.5 kN (3,034 lbf)	Single-person, one-time emergency self-rescue from a structure.	Escape-rated systems only

Rope requirements: NFPA 1983, now incorporated in NFPA 2500 (2022). Hardware figures are current NFPA 1983 minimums as incorporated in NFPA 2500 (carabiners: major axis, gate closed); older 2012-edition labels used 27 kN (T carabiners) and 22 kN (T pulleys). Older labels read "NFPA 1983 (2017) (G)"; newer labels read "NFPA 2500 (1983) 2022 ED (G)" — the G, T or E is what to look for. Check the label and the maker's data on every item you put in a system.

CHECK BEFORE YOU ORDER

- Pick the rope class first, then build the system from hardware with the same or higher rating.
- Order main and belay lines in different colors so the team can call them by color.
- Log each rope: date in service, uses, loads, inspections. The PMI Rope ID Kit and Cordage Meter are on page 47.
- Rope construction is explained on page 33; millimeter-to-inch sizes are on page 34.
- Remove from service any rope that has been shock-loaded, cut, glazed, chemically exposed, or that fails inspection.

ROPE CONSTRUCTION // WHAT IS INSIDE

The sheath protects the rope; the core carries the load. How the core is built decides how much the rope stretches and what it is for.



STATIC KERNMANTLE

Parallel nylon core bundles carry the load with very little stretch; the braided sheath protects them. The standard rescue mainline and belay rope.

WE CARRY PMI EZ Bend, Sterling SuperStatic2, KONG FORZA



UNICORE (BONDED)

The sheath is bonded to the core, so it cannot slide along the core. If the sheath is cut, it does not strip back and leave the core bare.

WE CARRY PMI EZ Bend with Unicore, PMI Extreme Pro, BEAL Access Unicore



ISOSTATIC POLYESTER

Polyester sheath and core. Stretches even less than nylon static and loses less strength when wet. Built for tensioned highlines and track lines.

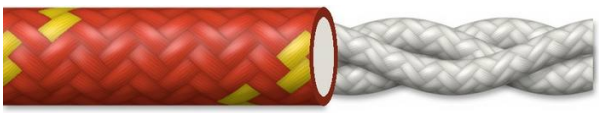
WE CARRY PMI 11.5 and 13 mm Isostatic



HEAT & ABRASION SHEATH

A sheath made with heat- and cut-resistant fibers over a static core. For sharp edges, hot surfaces and fire-ground work.

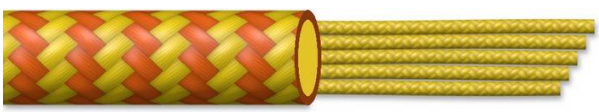
WE CARRY PMI Dura-Shield



DYNAMIC KERNMANTLE

Twisted core bundles stretch to soak up a climbing fall. Too stretchy for rescue mainlines and hauling, so we do not list them for rescue systems.

WE CARRY Climbing ropes (shown for comparison)



WATER RESCUE ROPE

A polypropylene core floats on the surface, so the line can be thrown and stays visible. For throw bags and tag lines, not for life-safety rope systems.

WE CARRY NRS throw bags (page 77)

ROPE DIAMETER // SIZE CONVERSION

Rope is sold in millimeters and inches. The circles below are drawn at true diameter so you can hold a rope against the page.

PRINT AT 100% SCALE — NO AUTO PAGE RESIZING. In the print dialog choose "Actual size" or 100%, not "Fit" or "Shrink to page". On screen, the circles are not to scale.

Check: this bar measures 50 mm (1.97 in.)



6 mm 1/4 in. · **7 mm** 9/32 in. · **7.5 mm** 5/16 in. · **8 mm** 5/16 in. · **9 mm** 3/8 in. · **10 mm** 3/8 in. · **10.5 mm** 13/32 in. · **11 mm** 7/16 in. · **11.5 mm** 7/16 in. + · **12.5 mm** 1/2 in. · **13 mm** 1/2 in. +

Diameter	Inches (decimal)	Sold in the US as	Nearest 1/64	Common use	In this catalog
6 mm	0.236 in.	1/4 in.	15/64 in.	Prusik and accessory cord	Prusiks on 11 mm rope
7 mm	0.276 in.	9/32 in.	9/32 in.	Prusik cord	Prusiks on 11–13 mm rope
7.5 mm	0.295 in.	5/16 in.	19/64 in.	Firefighter search line	Sterling SearchLite
8 mm	0.315 in.	5/16 in.	5/16 in.	Escape rope, light static	SafeTech escape, Dura-Shield Explorer, prusiks on 12.5 mm
9 mm	0.354 in.	3/8 in.	23/64 in.	Search line	PMI Rapid Search Line II
10 mm	0.394 in.	3/8 in.	25/64 in.	Technical use, pack ropes	PMI 10 mm EZ Bend
10.5 mm	0.413 in.	13/32 in.	13/32 in.	Rope access static	Singing Rock Route 44
11 mm	0.433 in.	7/16 in.	7/16 in.	NFPA T, EN 1891 Type A	PMI 11 mm EZ Bend, Access Pro, BEAL, KONG, Sterling
11.5 mm	0.453 in.	7/16 in. +	29/64 in.	Isostatic polyester	PMI 11.5 mm Isostatic
12.5 mm	0.492 in.	1/2 in.	31/64 in.	NFPA G main and belay	PMI 12.5 mm EZ Bend, Extreme Pro, Sterling 1/2 in.
13 mm	0.512 in.	1/2 in. +	33/64 in.	Heavy isostatic	PMI 13 mm Isostatic

CHECK BEFORE YOU ORDER

- Match prusik diameter to the rope: about 8 mm on 12.5 mm rope, 7 to 8 mm on 11 mm rope. Too thin grabs hard; too thick slips.
- Check every device for its rated rope range before you buy rope. Descenders and rope grabs are certified for set diameters.
- Diameter is nominal. New rope can measure a little over, and rope shrinks a little with use and washing.
- Webbing is sold by width: 9/16 in. (14 mm), 1 in. (25 mm) and 2 in. (50 mm). Tubular 1 in. webbing is the rescue standard for anchors and harnesses.

GENERAL USE RESCUE ROPE // NFPA G

Two-person rescue loads. Each rope is shown in one color; every color offered is in the swatches.



PMI

12.5 MM EXTREME PRO (G) UNICORE

DIAMETER	MBS (MAKER)	NFPA
12.5 mm	46.4 kN	G

NFPA G · ANSI Z359.15

Highest-strength G rope we carry; Unicore bonds sheath to core.

COLORS 1

Orange/White

LENGTHS 150 ft · 200 ft · 300 ft · 600 ft

ITEM # V0-PMI-EP125G-150 / -200 / -300 / -600



PMI

12.5 MM EZ BEND CLASSIC PRO

DIAMETER	MBS (MAKER)	NFPA
12.5 mm	43.6 kN	G

NFPA G · ANSI Z359.15

The 1/2 in. general-use workhorse; 10 colors, to 1,200 ft.

COLORS 10

Blue/White · Orange/White · Red/White · Black · OD Green

White/Orange · Solid Blue · Solid Red · Arc Yellow/White · Old Glory

LENGTHS 100 ft · 150 ft · 200 ft · 300 ft · 600 ft · 656 ft · 1,200 ft

ITEM # V0-PMI-RR125BK061E series



PMI

12.5 MM EZ BEND WITH UNICORE

DIAMETER	MBS (MAKER)	NFPA
12.5 mm	44.5 kN	G

NFPA G · ANSI Z359.15

Unicore sheath-to-core bonding for edge and abrasion work.

COLORS 3

Blue/White/Orange · Orange/White/Blue · Red/White/Blue

LENGTHS 150 ft · 200 ft · 300 ft · 600 ft

ITEM # V0-PMI-RR125BW061UC series

GENERAL USE RESCUE ROPE // CONTINUED



PMI

12.5 MM DURA-SHIELD GENERAL USE

DIAMETER	MBS (MAKER)	NFPA
12.5 mm	44.2 kN	G

NFPA G

Abrasion- and heat-resistant sheath; 600 ft.

COLORS 1

Gray

LENGTH 600 ft

ITEM # V0-PMI-HS125TG183A



STERLING ROPE

1/2 IN. SUPERSTATIC2

DIAMETER	MBS (MAKER)	NFPA
1/2 in.	40.1 kN	G

NFPA G

Low-stretch 1/2 in. rescue static; 6 colors.

COLORS 6

Blue · Orange · Yellow · Black · White · Red

LENGTHS 150 ft · 200 ft · 300 ft · 600 ft

ITEM # V0-VSG-SSS2-BK-150-1/2 series



STERLING ROPE

SYNC 11 MM RESCUE

DIAMETER	MBS (MAKER)	NFPA
11 mm	40.1 kN	G

NFPA G

G-rated strength in an 11 mm diameter.

COLORS 4

Orange · Blue · Neon Green · Red

LENGTHS 150 ft · 200 ft · 300 ft · 600 ft

ITEM # V0-VSG-SYNC-BL-150-NS series

GENERAL USE RESCUE ROPE // CONTINUED



PMI

13 MM ISOSTATIC POLYESTER

DIAMETER	MBS (MAKER)	NFPA
13 mm	47.0 kN	G

NFPA G

Heavier isostatic for track lines and tensioned systems.

COLORS 2


Blue/White/ Green


Orange/White/ Green

LENGTHS 100 ft · 150 ft · 200 ft · 300 ft · 600 ft · 656 ft

ITEM # V0-PMI-PR130BG061PP series

TECHNICAL USE RESCUE ROPE // NFPA T

Lighter lines for trained technical teams and rope-access style rescue.



PMI

11 MM EZ BEND CLASSIC PRO

DIAMETER	MBS (MAKER)	NFPA
11 mm	33.3 kN	T

NFPA T · ANSI Z359.15

Technical-use 7/16 in.; 8 colors, to 1,200 ft.

COLORS 8

Red/Black · Blue/Black · Orange/Black · White/Black · Arc Yellow/Black · Black · Solid Blue · Solid Red

LENGTHS 100 ft · 150 ft · 200 ft · 300 ft · 600 ft · 656 ft · 1,200 ft

ITEM # V0-PMI-RR110BB061E series



PMI

11 MM PATRIOT VERTICAL LIFELINE

DIAMETER	MBS (MAKER)	NFPA
11 mm	32.7 kN	T

NFPA T · ANSI Z359.15

High-visibility fleck pattern; vertical lifeline rated.

COLORS 2

Fleck Blue · Fleck Red/Black

LENGTHS 100 ft · 150 ft · 200 ft · 300 ft · 328 ft · 600 ft · 656 ft

ITEM # V0-PMI-RR110FB061E series



PMI

10 MM EZ BEND CLASSIC PRO

DIAMETER	MBS (MAKER)	NFPA
10 mm	23.7 kN	T

NFPA T

Lighter technical-use line for packs and rope teams.

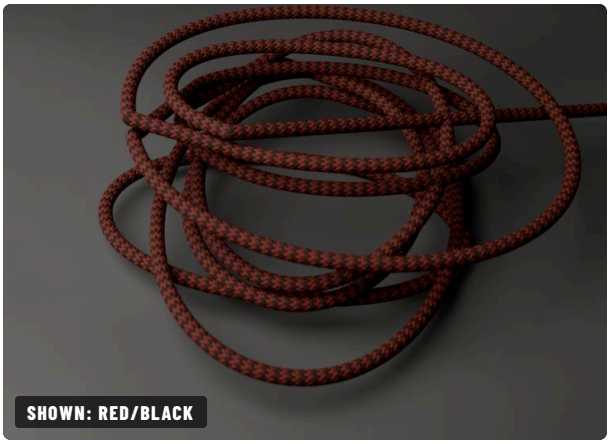
COLORS 6

Blue/White · Orange/White · Red/White · Black · OD Green · White/Orange

LENGTHS 100 ft · 150 ft · 200 ft · 300 ft · 600 ft · 656 ft

ITEM # V0-PMI-RR100BK061E series

TECHNICAL USE RESCUE ROPE // CONTINUED



PMI

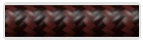
11 MM ACCESS PRO

DIAMETER	MBS (MAKER)	NFPA
11 mm	27.0 kN	T

NFPA T · EN 1891

Polyester sheath, nylon core; supple handling.

COLORS 1



Red/Black

LENGTHS 100 ft · 150 ft · 200 ft · 300 ft · 600 ft · 656 ft

ITEM # V0-PMI-IR110RB030P – 200P



PMI

11.5 MM ISOSTATIC POLYESTER

DIAMETER	MBS (MAKER)	NFPA
11.5 mm	32.2 kN	T

NFPA T

All-polyester, very low stretch for highlines and rigging.

COLORS 2



Blue/Black/Green



Orange/Black/Green

LENGTHS 150 ft · 200 ft · 300 ft · 600 ft · 656 ft

ITEM # V0-PMI-PR110BG061PP series



STERLING ROPE

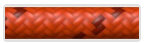
7/16 IN. SUPERSTATIC2

DIAMETER	MBS (MAKER)	NFPA
7/16 in.	29 kN	T

NFPA T

Technical-use 7/16 in. static.

COLORS 4



Orange



Blue



Black

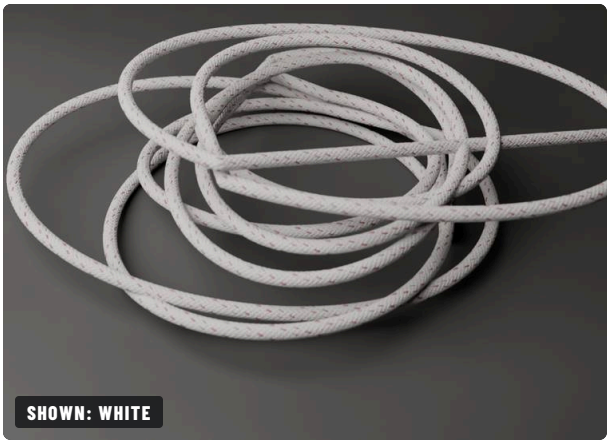


White

LENGTHS 150 ft · 200 ft · 300 ft · 600 ft

ITEM # V0-VSG-SSS2-BK-200-7/16 series

TECHNICAL USE RESCUE ROPE // CONTINUED



SINGING ROCK

ROUTE 44 10.5 MM STATIC

DIAMETER	MBS (MAKER)	NFPA
10.5 mm	32 kN	1983

NFPA 1983 · EN 1891

NFPA-certified static in 4 colors.

COLORS 4

White · Red · Olive/Khaki · Black

LENGTHS 150 ft · 200 ft · 300 ft · 600 ft

ITEM # V0-LM-448683 series

STATIC & ROPE ACCESS // EN 1891 AND NFPA

Low-stretch statics for access, rigging, cave and pit rescue.



ARMBURY

STATIC 11 SEMI-STATIC

MBS (MAKER) **31 kN**

EN 1891 · UIAA

All-polyamide 11 mm, 2.4% elongation; white or yellow.

COLORS 2

Yellow · White

ITEM # V0-ARM-411241 / 411242



PMI

11 MM DURA-SHIELD TECH

DIAMETER **11 mm** · MBS (MAKER) **29.5 kN** · NFPA **1983**

NFPA 1983

Abrasion- and heat-resistant sheath for edges and hot surfaces.

COLORS 1

Natural Gold

LENGTHS 600 ft

ITEM # V0-PMI-HS110TG183A



PMI

8 MM DURA-SHIELD EXPLORER

DIAMETER **8 mm** · MBS (MAKER) **27.8 kN**

8 MM

Light static for caving, canyon and pack kits; retro-reflective option.

COLORS 3

Green/Blue · Orange/Green · Retro Reflective

LENGTHS 100 ft · 200 ft · 300 ft · 656 ft

ITEM # V0-PMI-SR080GR061 series

STATIC & ROPE ACCESS // CONTINUED



BEAL

11 MM ACCESS UNICORE

DIAMETER **11 mm**

EN 1891

Type A low-stretch rope access line.

COLORS 2



Gold/Gray/White



Red/Gray/White

LENGTHS 100 m · 500 m

ITEM # V0-PMI-BP110GG100AU / GG500AU / RG100AU / RG500AU



BEAL

11 MM INDUSTRIE

DIAMETER **11 mm** | MBS (MAKER) **37.3 kN**

EN 1891

Classic rope-access static; 100 m.

COLORS 4



Blue/White



Orange/White

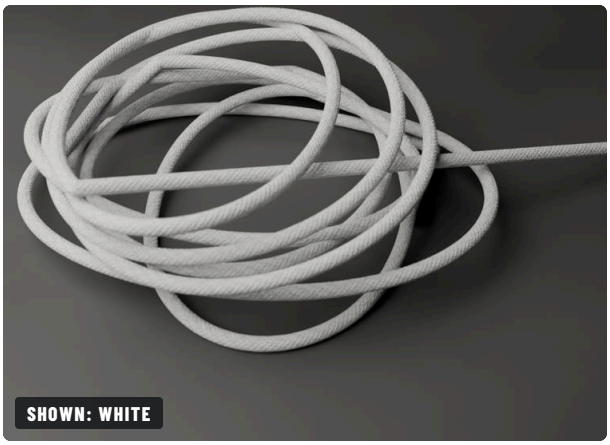


Red/White



White/Red/Black

ITEM # V0-PMI-BP110BW100I / OW100I / RW100I / WH100I



PMI

11 MM PIT ROPE MAX WEAR

DIAMETER **11 mm** | MBS (MAKER) **31 kN**

Heavy-duty static for cave and pit rescue.

COLORS 1

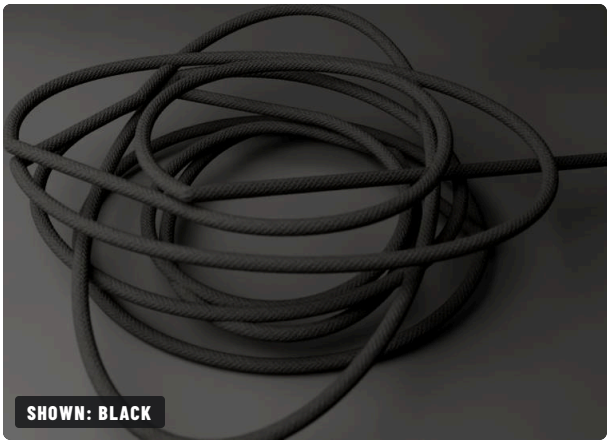


White

LENGTHS 100 ft · 150 ft · 200 ft · 300 ft · 600 ft · 656 ft · 1,200 ft

ITEM # V0-PMI-SR110WH030M – 366M

STATIC & ROPE ACCESS // CONTINUED



KONG

FORZA 11 SEMI-STATIC

MBS (MAKER) **33 kN**

EN 1891

11 mm professional semi-static; 60 m.

COLORS 1

Black

LENGTH 60 m

ITEM # V0-KONG-9L11097S060



SAMSON

MERCURY 11 MM STATIC

DIAMETER **11 mm** MBS (MAKER) **32.4 kN**

EN 1891

EN 1891 Type A; 3,300 kg minimum strength per Samson. Optional sewn eyes; 120–200 ft.

COLORS 1

Standard color

LENGTHS 120 ft · 150 ft · 200 ft

OPTIONS No termination · One sewn eye · Two sewn eyes

ITEM # V0-VSG-MRY-150-GS series

WORK, TACTICAL & FIRE ROPE

Work-at-height statics, Berry-compliant black rope, firefighter search lines and escape rope.



STERLING ROPE

WORKPRO 11 MM STATIC

DIAMETER
11 mm

11 MM

Blue work-at-height static.

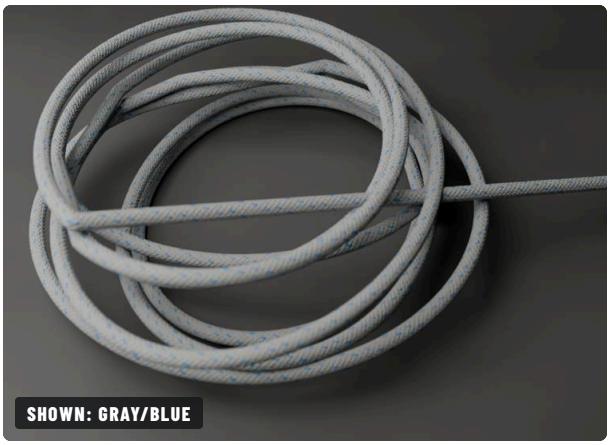
COLORS 1



Blue

LENGTHS 150 ft · 300 ft · 600 ft

ITEM # V0-VSG-100681 / 100687 / 100688



TEUFELBERGER

KM G 11 MM STATIC

DIAMETER
11 mm

11 MM

Gray/blue static, 150 ft.

COLORS 1



Gray/Blue

LENGTH 150 ft

ITEM # V0-VSG-KMG-GBL-150-NS



TEUFELBERGER

KM III MAX 11 MM

DIAMETER
11 mm

11 MM

Black static, 150–600 ft.

COLORS 1

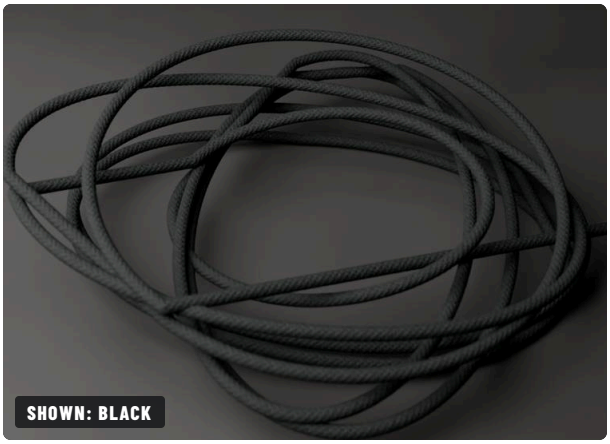


Black/Tan

LENGTHS 150 ft · 200 ft · 300 ft · 600 ft

ITEM # V0-LM-440379 / 440380 / 440381 / 440382

WORK, TACTICAL & FIRE ROPE // CONTINUED



STERLING ROPE

3/8 IN. SENTINEL BC BLACK

DIAMETER **3/8 in.** | MBS (MAKER) **22.0 kN**

BERRY

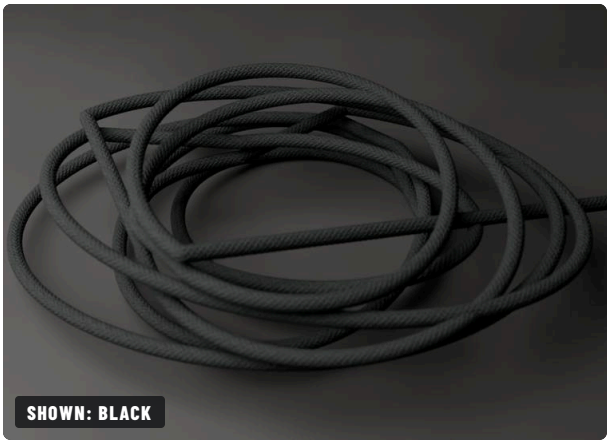
Berry Amendment compliant tactical static.

COLORS 1

Black

LENGTHS 200 ft · 660 ft

ITEM # V0-VSG-STRSS095040061-BC / 095040200-BC



STERLING ROPE

7/16 IN. SENTINEL BC BLACK

DIAMETER **7/16 in.** | MBS (MAKER) **28.0 kN**

BERRY

Berry Amendment compliant tactical static.

COLORS 1

Black

LENGTHS 200 ft · 600 ft

ITEM # V0-VSG-STRSS110040061-BC / 110040200-BC



STERLING ROPE

SEARCHLITE 7.5 MM SEARCH ROPE

DIAMETER **7.5 mm** | MBS (MAKER) **13.4 kN**

FIRE SEARCH

Firefighter search line; 50–600 ft; snap-swivel option.

COLORS 1

Gold

LENGTHS 50 ft · 200 ft · 220 ft · 220 ft with snap swivel · 600 ft

ITEM # V0-VSG-100693 – 100697

WORK, TACTICAL & FIRE ROPE // CONTINUED



STERLING ROPE

FDNY LARGE AREA SEARCH KIT

FIRE SEARCH

Bagged primary search system for large-area searches.

COLORS 1

Orange/Yellow

ITEM # V0-VSG-99258



PMI

9 MM RAPID SEARCH LINE II

DIAMETER
9 mm

FIRE SEARCH

Compact, high-vis search line for zero-visibility orientation.

COLORS 1

Orange/Yellow

LENGTHS 100 ft · 200 ft

ITEM # V0-PMI-SR090SL030E / SL061E



STERLING ROPE

SAFETECH 8 MM ESCAPE ROPE

DIAMETER
8 mm

MBS (MAKER)
18 kN

FIRE ESCAPE

Personal escape rope; 40, 50 or 600 ft.

COLORS 1

Tan

LENGTHS 40 ft · 50 ft · 600 ft

ITEM # V0-VSG-100717 / 100718 / 100719

WEBBING, CORD & PRUSIKS // SOFTWARE

Tubular webbing for anchors and patient packaging, accessory cord for prusiks and tag lines, and rope-care tools.



STERLING ROPE

FCX FIREFIGHTER ESCAPE SYSTEM

NFPA 1983 · 22 kN

Pocket escape system: SafeTech or FireTech2.

ITEM # V0-VSG-63480-FCXSAFLGTP / -FCXTESAFLG / -FCXTEFIR2L

OPTIONS

FCX SafeTech LGT Pocket System · FCX TE SafeTech LGT Pocket Kit · FCX TE FireTech2 LGT Pocket System



CYPHER

1 IN. TUBULAR WEBBING

17.8 kN

300 ft spool; 11 colors.

ITEM # V0-LM-N0028-1-7B265 series

COLORS Red · Purple · Yellow · Black · Royal Blue · Teal · Silver · Rust · Olive · Navy · Forest Green



CYPHER

2 IN. TUBULAR WEBBING

31 kN

150 ft spool; 3 colors.

ITEM # V0-LM-30456-2-BLACK / -RED / -ROYAL

COLORS Red · Black · Royal Blue



STERLING ROPE

1 IN. TECHTAPE ORANGE

TUBULAR

300 ft high-vis tubular nylon.

ITEM # V0-LM-WB254TT07091

300 ft



MAXIM

NEW ENGLAND PRUSIK CORD

4-9 MM

300 ft spools in 8 sizes/colors.

ITEM # V0-LM-C3802-04-00300 series

COLORS 4 mm Black · 4 mm Black/Orange Tracer · 4 mm Orange/Gray · 5 mm Yellow · 7 mm Gold · 7 mm Teal · 8 mm Burgundy · 9 mm Blue



STERLING ROPE

MINI SPOOL CORD 1.5 MM

ACCESSORY

100 ft spool.

ITEM # V0-LM-AN15040031 / 60031 / 80031

COLORS Red · Blue · Black



STERLING ROPE

SHORT PURCELL PRUSIK 6 MM

12.5 kN

42 in. adjustable personal tether.

ITEM # V0-LM-SC060NYSP042



PMI

ROPE ID KIT

MARKING

Label and seal rope ends for logs and inspection.

ITEM # V0-PMI-RC48030



PMI

RETRO REFLECTIVE WATER RESCUE ROPE

FLOATS · 16 kN

10 mm floating polypro core, nylon sheath, reflective.

ITEM # V0-PMI-WR100YX183EV / YX200EV

COLORS Yellow/Blue/Retro

LENGTHS 600 ft · 656 ft



CYPHER

11/16 IN. TUBULAR WEBBING

11 kN

300 ft spool; 5 colors.

ITEM # V0-LM-N0044-3/4-7K100 series

COLORS Red · Yellow · Black · Royal Blue · Teal



STERLING ROPE

1 IN. MIL-SPEC TUBULAR

MIL-SPEC

300 ft; Olive Drab or Coyote.

ITEM # V0-LM-WB254MS05091 / WB254MSC091

COLORS Olive Drab · Coyote Brown



EDELWEISS

ACCESSORY CORD 1-9 MM

EN 564

Spools for prusiks, tag lines and accessory use.

ITEM # V0-LM-C01.200 series

OPTIONS

1–9 mm in black plus red, green, violet, yellow, gray, orange or blue by size (see site)



STERLING ROPE

GLO CORD 2.75 MM

GLOW

50 ft mini spool.

ITEM # V0-LM-AG27040015 / 60015 / 70015

COLORS Orange · Blue · Black



STERLING ROPE

AUTO BLOCK LOOP 6 MM

13.5 IN

Pre-sewn friction-hitch loop.

ITEM # V0-LM-SC060NYAB013



PMI

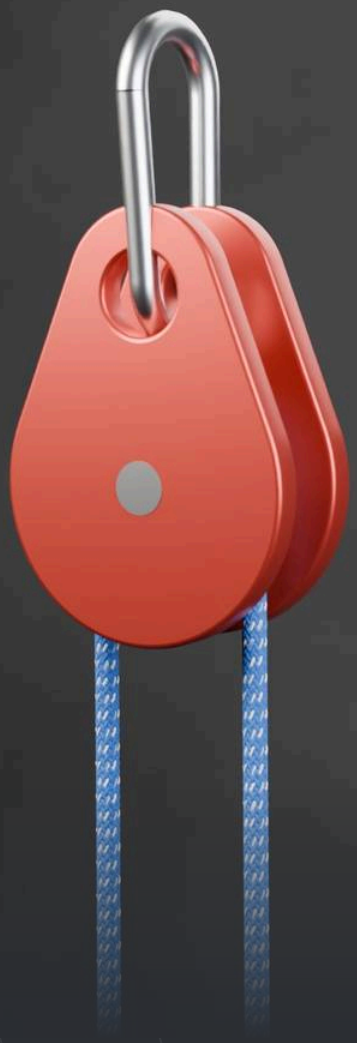
CORDAGE METER

FT OR M

Bench-mount meter for cutting rope to length.

ITEM # V0-PMI-RC48003 / RC48004

OPTIONS Feet · Meters



CARABINERS · SWIVELS · PLATES · PULLEYS · DESCENDERS · EDGE · BAGS

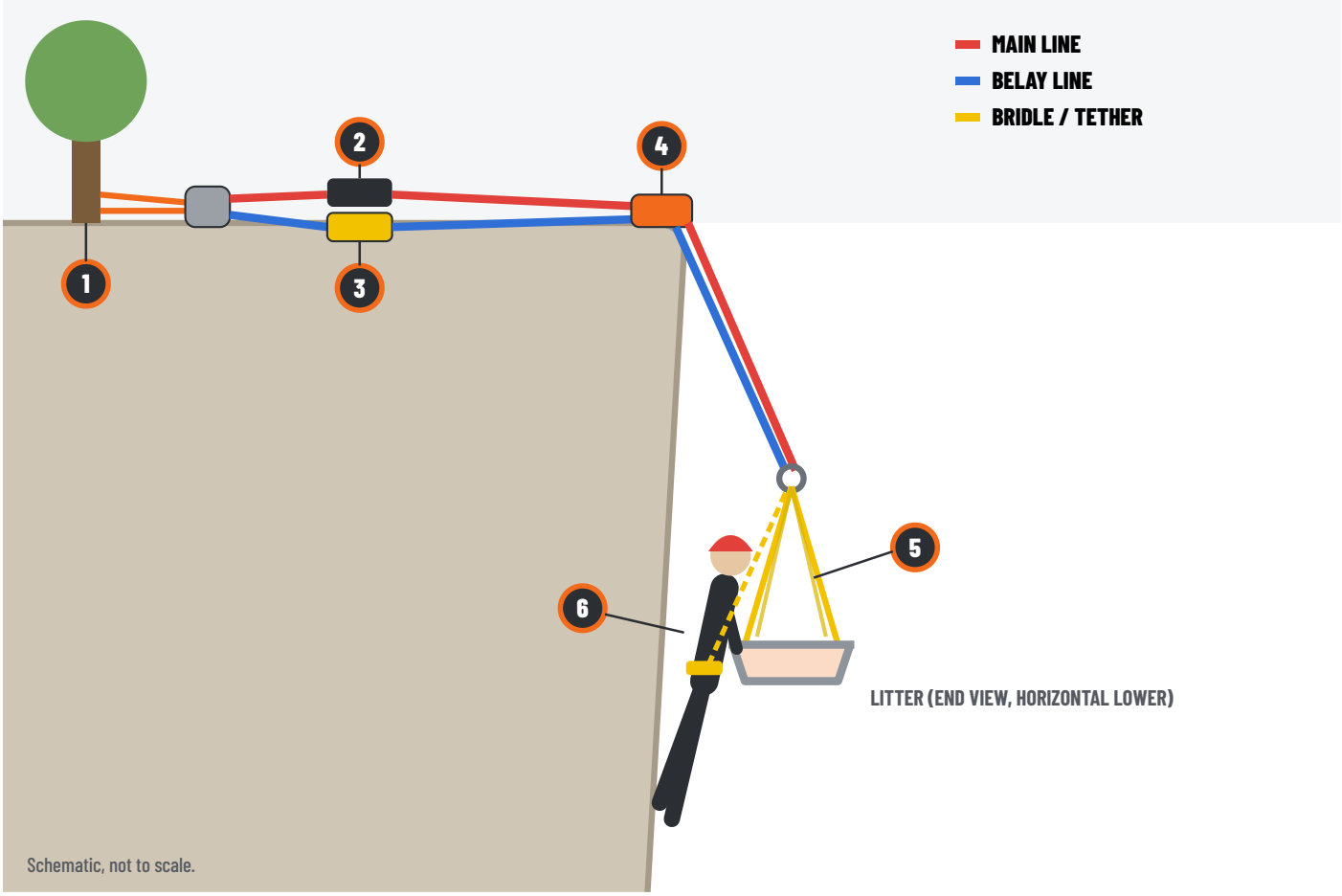
HARDWARE & RIGGING

NFPA general-use and technical-use connectors, rigging plates and swivels, progress-capture pulleys and haul kits, racks, figure 8s and auto-locking descenders, ascenders, edge rollers and rope bags.

CMC | SMC | Petzl | KONG | Rock Exotica | ISC | DMM | CMI | Conterra | PMI | Sterling Rope | Armbury

ROPE RESCUE SYSTEMS // LOWER, RAISE & HIGHLINE

Our drawings of the systems this hardware builds. Each number points to the product group that does the job.



1 ANCHOR & RIGGING PLATE
Bombproof anchor, anchor sling and a G-rated rigging plate gather the system (page 56).

2 MAIN LINE & DESCENT CONTROL
Rack or auto-locking descender on the main line for the lower (page 59).

3 BELAY & BACK-UP
Independent belay line with a back-up device or tandem prusiks (page 30).

4 EDGE PROTECTION
Rollers or edge pads keep both lines off the lip (page 61).

5 LITTER BRIDLE
Main and belay lines both connect to the bridle's attachment point; the bridle legs set the litter level (page 74).

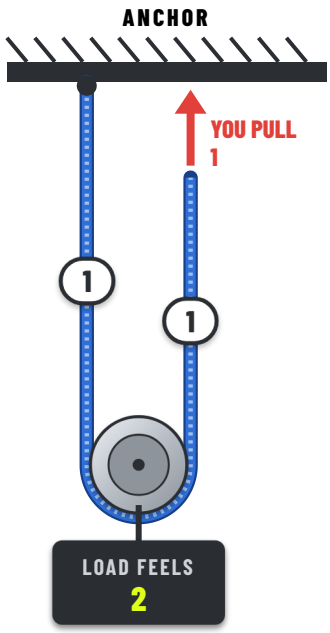
6 LITTER ATTENDANT
Attendant on an adjustable tether to the bridle attachment, feet on the wall, keeps the litter off the face.

General guidance only. Rope rescue systems must be built and operated by trained personnel following NFPA 2500 and your agency SOPs.

HAUL SYSTEMS & HIGHLINES

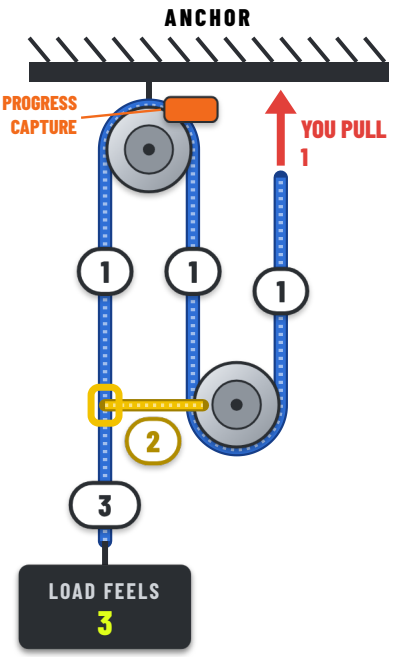
More MA lifts heavier loads with fewer haulers, but you pull more rope for every foot the load moves. Real pulleys lose some to friction, so you get a little less than the number.

HOW TO READ IT The numbers are how hard each rope pulls. You pull with **1**. A rope keeps its number as it runs around a pulley. Where two ropes meet at a prusik or pulley, add them. The number at the load is the mechanical advantage (MA).



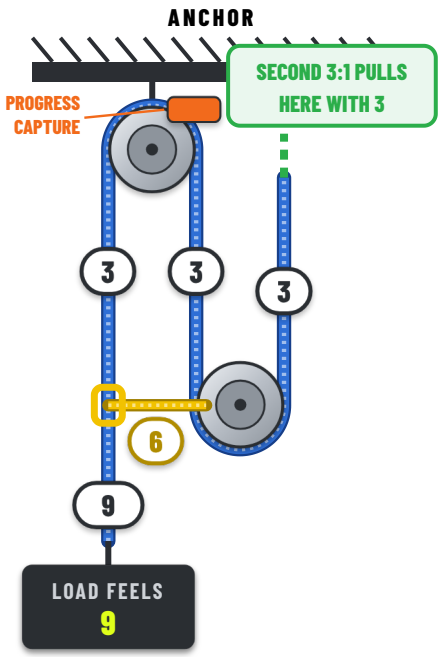
2:1 SIMPLE

Pulley rides on the load.
Pull 2 ft of rope, load moves 1 ft.



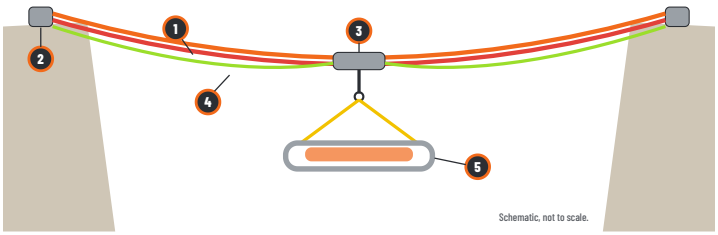
3:1 Z-RIG

Prusik + pulley grab the main line.
Pull 3 ft of rope, load moves 1 ft.



9:1 COMPOUND

A 3:1 pulling on a 3:1: 3 × 3 = 9.
Pull 9 ft of rope, load moves 1 ft.



1 TRACK LINES
Two tensioned lines carry the load across the gap — low-stretch rope like PMI Isostatic.

2 ANCHORS
Full-strength anchors on the near and far sides.

3 CARRIAGE
Highline pulley or trolley (Petzl REEVE, DMM Keanu, KONG PAMIR).

4 TAG LINES
Control lines move the carriage across the span.

5 LITTER & BRIDLE
Bridled litter hangs from the carriage.

Simplified. Track-line tension and anchor loads rise sharply as sag decreases; highlines must be designed and run by a trained team.

BUILDING A HAUL

- Progress capture (PRO TRAXION, MINI TRAXION, FUTURA MINI BLOCK) holds the load between strokes.
- Prusik-minding pulleys work with tandem prusiks; check the sheave diameter for your rope.
- Pre-rigged haul kits — Petzl JAG, KONG HOP!, NRS Z-Drag — save setup time.

FEATURED PULLEYS // PROGRESS CAPTURE

The two capture pulleys most haul systems in this catalog are built around. Shown large.



PETZL

PRO TRAXION

NFPA 2500 EN 567 EN 12278

NFPA 2500

Progress-capture pulley with swivel.

- Progress-capture pulley with swivel; NFPA 2500, EN 567 and EN 12278 per Petzl listing.
- Use as the capture point in Z-rigs and compound systems (page 50).
- Check the rope diameter range in Petzl's instructions.

ITEM # V0-VSG-99372



PETZL

MINI TRAXION

NFPA 2500 EN 567

NFPA 2500

Compact progress-capture pulley.

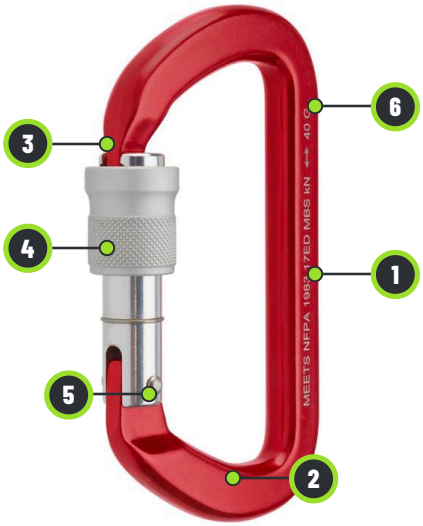
- Compact progress-capture pulley for light kits.
- NFPA 2500 and EN 567 per Petzl listing.
- Check the rope diameter range in Petzl's instructions.

ITEM # V0-VSG-99371

Callouts name features listed by the maker. Check the maker's instructions for ratings and compatibility before use.

CARABINERS & CONNECTORS // READ THE SPINE

Every carabiner is strongest along its spine with the gate closed and locked. Match the rating to the system: G or T.



1 SPINE
Load along the spine — the major axis.

2 BASKET
Where the rope or sling sits.

3 GATE & NOSE
Keylock noses don't snag; keep the gate off edges.

4 LOCKING SLEEVE
Screw, twist (auto) or triple-lock.

5 GATE HINGE
Bottom of the gate. Keep it free of grit so the gate snaps shut.

6 MAJOR AXIS RATING
The kN stamped on the spine. NFPA G = 40 kN, T = 22 kN minimum.



LOAD THE SPINE
Major axis, gate closed and locked.



GATE OPEN
Strength drops to a fraction of the rating.



CROSS-LOADED
Minor-axis loading: far weaker.



THREE-WAY LOAD
Use a rigging plate instead.



CMC
PROSERIES ALU AUTO-LOCK
NFPA G | 40 kN
NFPA general-use aluminum auto-lock.
ITEM # V0-VSG-99028



SMC
LITE ALLOY STEEL LOCKING
NFPA 1983 | 45 kN
NFPA steel locking carabiner.
ITEM # V0-PMI-SM100001N



SMC
CROSSOVER SCREW GATE
NFPA
Black aluminum locking.
ITEM # V0-LM-NFPA205507



SMC
CROSSOVER TRIPLE LOCK
NFPA
Blue or Black.
ITEM # V0-LM-NFPA205700 / NFPA205707
COLORS Blue Black



SMC
KINETIC TWIST LOCK
NFPA
Blue, Orange or Black.
ITEM # V0-LM-NFPA103100 / 103104 / 103107
COLORS Blue Orange Black



NRS
MASTER-D SCREW LOCK
NFPA G | 40 kN
NFPA 1983 general-use D.
ITEM # V0-NRS-45197.01



SMC
NFPA LOCKING D SCREW GATE
NFPA
Aluminum D; Bright or Black.
ITEM # V0-LM-NFPA18501 / NFPA18502
COLORS Bright Black



SMC
CROSSOVER TWIST LOCK
NFPA
Blue or Black.
ITEM # V0-LM-NFPA205600 / NFPA205607
COLORS Blue Black



SMC
KINETIC SCREW GATE
NFPA
Blue, Orange or Black.
ITEM # V0-LM-NFPA103000 / 103004 / 103007
COLORS Blue Orange Black



DMM
AMERICANO LOCKSAFE
ANSI GATE
Oval-pear Locksafe auto-lock.
ITEM # V0-VSG-54039

CARABINERS // STEEL, NFC & HIGH-STRENGTH ALUMINUM

Steel for wear and high loads, i-Ovalone NFC chips for digital inspection logs, and aluminum for weight.



DMM
ULTRA D LOCKSAFE
ANSI GATE
Large D with Locksafe gate.
ITEM # V0-VSG-35978



FRENCHCREEK
63A CAPTIVE-EYE
ANSI Z359
Captive eye keeps a lanyard oriented.
ITEM # V0-FC-63A



ISC
KH250 SWIVEL EYE STAINLESS
EN 362 23 kN
Triple-lock with swivel eye.
ITEM # V0-LM-KH250



ISC
KH301 CAPTIVE EYE STEEL
50 kN
Triple-lock ANSI gate.
ITEM # V0-LM-KH301



PETZL
OK TRIACT-LOCK
OVAL
Aluminum oval for pulleys and devices.
ITEM # V0-VSG-32190



KONG
X-LARGE CARBON AUTO BLOCK
ANSI Z359.12 50 kN
Steel, extra-large opening.
ITEM # V0-KONG-411MP0999KK



KONG
X-LARGE CARBON RISE LOCK
EN 362 50 kN
Steel, extra-large opening.
ITEM # V0-KONG-411ME0999KK



KONG
OVALONE CARBON TWIST LOCK
ANSI Z359.12 40 kN
Steel oval.
ITEM # V0-KONG-412LI0999KK



FRENCHCREEK
354-3A TWIST-LOCK
ANSI Z359
7/8 in. gate aluminum.
ITEM # V0-FC-354-3A



ISC
HMS TRIPLE LOCK STEEL
EN 362 50 kN
ANSI-gate steel HMS.
ITEM # V0-LM-KH212



ISC
KH260 SWIVEL EYE STEEL
EN 362 40 kN
Triple-lock steel with swivel eye.
ITEM # V0-LM-KH260



ISC
OVAL OFFSET KEYLOCK STEEL
40 kN
Triple-lock ANSI gate.
ITEM # V0-LM-109173



PETZL
OXAN TRIACT-LOCK
STEEL OVAL
H-frame steel oval, black.
ITEM # V0-VSG-99109



KONG
X-LARGE CARBON TWIST LOCK
ANSI Z359.12 50 kN
Steel, extra-large opening.
ITEM # V0-KONG-411MI0999KK



KONG
OVALONE CARBON AUTO BLOCK
ANSI Z359.12 40 kN
Steel oval, auto-locking.
ITEM # V0-KONG-412LP0999KK



KONG
OVALONE CARBON RISE LOCK
EN 362 40 kN
Steel oval.
ITEM # V0-KONG-412LE0999KK

CARABINERS // OVALS, HMS & ERGO

KONG aluminum ovals for pulleys and devices, pear-shaped HMS for munter and belay, and ergonomic Ferrata and ERGO shapes.



KONG
OVALONE DNA TWIST LOCK
ANSI Z359.12 | 40 kN
Helical steel oval.
ITEM # V0-KONG-414LI0999KK



KONG
I-OVALONE DNA AUTO BLOCK
EN 362 | 40 kN
Helical steel with NFC chip.
ITEM # V0-KONG-414LN1999KK



KONG
I-OVALONE ALU TWIST LOCK
EN 362 | 26 kN
Aluminum with NFC chip.
ITEM # V0-KONG-712LG1FFFKK / LLLKK
COLORS Eco Titanium



KONG
OVALONE ALU SCREW SLEEVE
EN 362 | 26 kN
Aluminum oval.
ITEM # V0-KONG-712LA0PPPKK / ONOKK / RNPKK
COLORS Polished Orange/Black/Orange Red/Black/Polished



KONG
HEAVY DUTY ALU SCREW SLEEVE
EN 362 | 36 kN
High-strength aluminum.
ITEM # V0-KONG-772MA0NNNKK



KONG
ERGO AUTO BLOCK
EN 362 | 27 kN
Ergonomic aluminum.
ITEM # V0-KONG-783IM0NNNKK



KONG
FERRATA SCREW SLEEVE
EN 362 | 30 kN
High-strength aluminum.
ITEM # V0-KONG-778MA0NNNKK / PPPKK
COLORS Black Polished



KONG
FERRATA TWIST LOCK
EN 362 | 30 kN
High-strength aluminum.
ITEM # V0-KONG-778MG0NNNKK / PPPKK / RPPKK
COLORS Red Black Polished



KONG
I-OVALONE CARBON AUTO BLOCK
EN 362 | 40 kN
Steel with NFC chip for inspection logs.
ITEM # V0-KONG-412LN1999KK



KONG
I-OVALONE ALU AUTO BLOCK
EN 362 | 26 kN
Aluminum with NFC chip.
ITEM # V0-KONG-712LM1NNNKK / LLLKK
COLORS Black Eco



KONG
OVALONE DNA ALU AUTO BLOCK
EN 362 | 24 kN
Helical aluminum oval.
ITEM # V0-KONG-714LM0GGGKK / NNNKK / 000KK / RRRKK
COLORS Red Green Orange Black



KONG
OVAL ALU CLASSIC SCREW
EN 362 | 22 kN
Keylock aluminum oval.
ITEM # V0-KONG-730LA0NNNKK series
COLORS Red Black Orange Cyan Polished



KONG
ERGO SCREW SLEEVE
EN 362 | 27 kN
Ergonomic aluminum.
ITEM # V0-KONG-783IA0NNNKK



KONG
ERGO TWIST LOCK
EN 362 | 27 kN
Ergonomic aluminum.
ITEM # V0-KONG-783IG0NNNKK



KONG
FERRATA AUTO BLOCK
EN 362 | 30 kN
High-strength aluminum.
ITEM # V0-KONG-778MM0NNNKK / PPPKK / RPPKK
COLORS Red Black Polished



KONG
FERRATA EXPRESS
EN 362 | 30 kN
Express sleeve keylock.
ITEM # V0-KONG-778MU0NNNKK / PPPKK
COLORS Black Polished

CONNECTORS // HMS, CAPTIVE-EYE & DIRECTIONAL

Captive-eye stainless connectors, water-rescue carabiners and KONG FROG directional connectors.



KONG
HMS CLASSIC RISE LOCK
EN 362 · 22 kN
Pear HMS aluminum.
ITEM # V0-KONG-786MEONPNKK series
COLORS Red · Black · Green · Orange



KONG
HMS CLASSIC SCREW SLEEVE
EN 362 · 22 kN
Pear HMS aluminum.
ITEM # V0-KONG-786MAONNNKK series
COLORS Black · Polished · Orange/Black/Orange · Grey/Cyan/Grey · Red/Black/Polished



KONG
HMS CLASSIC TWIST LOCK
EN 362 · 22 kN
Pear HMS aluminum.
ITEM # V0-KONG-786MGONNNKK series
COLORS Grey · Red · Black · Orange · Polished



KONG
HMS NAPIK AUTO BLOCK
HMS
Aluminum auto-lock; bar option.
ITEM # V0-KONG-787MMONNNKK series
COLORS Red · Black · Orange · Cyan · Orange with Bar



KONG
HARNESS EYE INOX AUTO BLOCK
EN 362 · 28 kN
Stainless, captive eye.
ITEM # V0-KONG-535LRGPP5KK



KONG
HARNESS EYE TWIST LOCK
EN 362 · 28 kN
Stainless, captive eye.
ITEM # V0-KONG-535LKGPP5KK



NRS
NUQ TWIST LOCK
EN 362 · 28 kN
Auto-locking water-rescue connector.
ITEM # V0-NRS-45194.01-BLK / -BRBLU / -REDSLV
COLORS Black · Bright Blue · Red/Silver



NRS
SLIQ TRIPLE LOCK
EN 362 · 25 kN
Triple-lock; 3 colors.
ITEM # V0-NRS-45192.01-BLK / -BRBLU / -REDSLV
COLORS Black · Bright Blue · Red/Silver



KONG
TANGO DOUBLE-GATE
EN 362 · 33 kN
Double-gate aluminum connector.
ITEM # V0-KONG-7150X0NNNKK / ONNKK / QPPKK / RPPKK
COLORS Red · Orange · Blue · Black



KONG
FROG 360 SWIVEL
EN 362 · 23 kN
Automatic locking swivel connector.
ITEM # V0-KONG-7040XNNNNKK / 7040XNNONKK
COLORS Black · Black/Orange



KONG
FROG ANSI WITH 12 CM SLING
ANSI Z359.12 · 24 kN
Automatic directional connector.
ITEM # V0-KONG-24218NN00KK



KONG
EXPRESS FROG 12 CM
ANSI Z359.12 · 24 kN
Directional quickdraw.
ITEM # V0-KONG-761SET4000K



KONG
FROG CABLE
EN 362 · 25 kN
Directional connector for cable.
ITEM # V0-KONG-7000XGNN0KK



KONG
PROG DIRECTIONAL
EN 362 · 23 kN
Self-closing 35 or 50 cm connector.
ITEM # V0-KONG-24135NRR0KK / 24150NRN0KK
OPTIONS Red 35 cm · Black XL 50 cm



FRENCHCREEK
354-CLIP RESCUE CLIP
RESCUE
Rescue pole clip.
ITEM # V0-FC-354-CLIP

SWIVELS, PLATES, RINGS & SLINGS // RIGGING

Gather multi-point anchors, keep systems from twisting and build anchors around structure.



CMC
RESCUE SWIVEL
NFPA G · 36 kN
NFPA general-use swivel.
ITEM # V0-VSG-99048



CMI
RESCUE SWIVEL
40 kN
Aluminum rescue swivel.
ITEM # V0-LM-435751



SMC
REACTOR SWIVEL LARGE
NFPA G · 38 kN
Large-eye ball-bearing swivel.
ITEM # V0-LM-435003



PETZL
SWIVEL L
NFPA G · 36 kN
Ball-bearing rigging swivel.
ITEM # V0-VSG-31069



PETZL
MICRO SWIVEL
GATED
Compact gated swivel.
ITEM # V0-VSG-39550



ROCK EXOTICA
ORBITOR SWIVEL
SWIVEL
Compact rigging swivel.
ITEM # V0-VSG-32365



ROCK EXOTICA
SWIVAEYE
SWIVEL
Carabiner with swivel eye.
ITEM # V0-VSG-33477



KONG
DANCER SWIVEL
42 kN
Aluminum swivel.
ITEM # V0-KONG-9480N0400KK



CMC
SQUID RIG PLATE
NFPA G / T · 45 kN / 27.7 kN
G (45 kN) only in CMC's rated configurations; T (27.7 kN) when secondary points are pulled apart. See CMC manual.
ITEM # V0-VSG-99673



SMC
ORIGIN 5 RIGGING PLATE
NFPA G · 36 kN
Five-hole anchor plate.
ITEM # V0-VSG-99462



SMC
ORIGIN 8 RIGGING PLATE
NFPA G · 50 kN
Eight-hole anchor plate.
ITEM # V0-NRS-45262.01



ISC
HALO RIGGING PLATE
40–70 kN
Small 40, Medium 50, Large 70 kN.
ITEM # V0-LM-109062 / 109063 / 109064
COLORS Red S 40 kN · Blue M 50 kN · Gold L 70 kN



DMM
RIGGING HUB
45 kN
Hub for 3D rigging at a single point.
ITEM # V0-DMM-ARB-HUB108 / HUB108MG / HUB175
SIZES Small · Large
COLORS Matte Grey · Purple



KONG
4RIG ANCHOR PLATE
EN 795 · 36 kN
Four-hole aluminum plate.
ITEM # V0-KONG-864017400KK / 864N17400KK
COLORS Orange · Black



KONG
RALLY BENT PLATE
EN 795 · 36 kN
10-hole curved rigging plate.
ITEM # V0-KONG-864011400KK



KONG
FULL RIGGING & BELAY PLATE
MULTI-USE
Multi-use rigging and belay plate.
ITEM # V0-KONG-864015400KK / 864N15400KK
COLORS Orange · Black

RINGS, SLINGS & PULLEYS // ANCHORS & SHEAVES

Anchor slings and rings, then rescue pulleys from single sheaves to prusik-minding doubles.



ARMBURY
HETY SLING ANCHOR SLING
EN 795 B · EN 354 · 75 kN
Load yarns in a protective tube; wraps beams, concrete and structure. 50–500 cm.
ITEM # V0-ARM-5161711 – 5161781 (8 lengths)
LENGTHS 50, 100, 120, 150, 200, 300, 400, 500 cm



KONG
LOTOR OPENABLE RING
22-24 kN
Multi-directional openable ring.
ITEM # V0-KONG-96042NN00KK / 96048N000KK
SIZES 42 mm · 48 mm



KONG
ARO SLING TUBULAR
EN 795 · EN 566 · 23 kN
Polyamide webbing anchor sling.
ITEM # V0-KONG-271T030N0KK series
COLORS Black · Red/Black · Black/Orange · Black/Green · Black/Yellow
LENGTHS 30, 60, 80, 120, 150, 180, 250 cm



ROCK EXOTICA
1.5 IN. DOUBLE OMNI-BLOCK
SWIVEL
Swivel double pulley.
ITEM # V0-VSG-30677



SMC
RESCUE MICRO PULLEY
MICRO
Light aluminum micro pulley.
ITEM # V0-LM-435523



SMC
3 IN. DOUBLE PRUSIK MINDING
NFPA G · 48 kN
Double, prusik minding.
ITEM # V0-PMI-SM158500N



SMC
2 IN. SWIFTWATER PULLEY
NFPA T · 34 kN
Water-rescue pulley.
ITEM # V0-NRS-45256.01



CMI
RP157 2 IN. DOUBLE
BEARING
Double sheave, bearing.
ITEM # V0-LM-RP157



KONG
ANA RIGGING RING
25 kN
Aluminum ring, 28 or 46 mm.
ITEM # V0-KONG-930028000KK / 930046N00KK / 930046000KK
OPTIONS 28 mm Orange · 46 mm Orange · 46 mm Black



KONG
ARO BULL ANCHOR SLING
EN 795 · ANSI Z359.18 · 35 kN
High-load sling, 30–180 cm.
ITEM # V0-KONG-280A030N0KK series
COLORS Black · Red · Yellow
LENGTHS 30, 60, 80, 120, 150, 180 cm



ROCK EXOTICA
RESCUE PULLEY
RESCUE
Full-size rescue pulley.
ITEM # V0-VSG-35641



ROCK EXOTICA
AZTEK PULLEY KIT
KIT
Pocket MA and edge-tending kit.
ITEM # V0-VSG-36659



SMC
2 IN. DOUBLE PRUSIK MINDING
NFPA 1983 · 46 kN
Double, prusik minding.
ITEM # V0-PMI-SM152800N-BLA / -GRE
COLORS Green · Black



SMC
3 IN. SINGLE PRUSIK MINDING
NFPA 1983 · 38 kN
Single, prusik minding.
ITEM # V0-PMI-SM158000N



CMI
RP156 2 IN. RESCUE PULLEY
BEARING
Aluminum sheave, bearing.
ITEM # V0-LM-RP156



CMI
RP158 4 IN. RESCUE PULLEY
35 kN
Large sheave for knot passing and efficiency.
ITEM # V0-LM-RP158

PULLEYS, TROLLEYS & HAUL KITS // PROGRESS CAPTURE

Progress-capture pulleys, high-efficiency KONG pulleys, highline trolleys and pre-rigged systems.



PETZL
PRO TRAXION
NFPA 2500 · EN 567 · EN 12278
Progress-capture pulley with swivel.
ITEM # V0-VSG-99372



PETZL
MINI TRAXION
NFPA 2500 · EN 567
Compact progress-capture pulley.
ITEM # V0-VSG-99371



PETZL
TWIN RELEASE
NFPA 2500 · EN 12278
Releasable double progress-capture pulley.
ITEM # V0-VSG-51922



PETZL
REEVE HIGHLINE PULLEY
NFPA G · EN 12278
Tandem highline carriage pulley.
ITEM # V0-VSG-56000



PETZL
SPIN S1 OPEN
NFPA T · 23 kN
Swivel pulley that opens on the rope.
ITEM # V0-VSG-56005



PETZL
SPIN S1
NFPA 2500 · EN 12278
Swivel single pulley.
ITEM # V0-VSG-99230



KONG
BLOCK ROLL
EN 12278 · 28 kN
Pulley with integrated rope clamp.
ITEM # V0-KONG-81800N000KK



KONG
FUTURA MINI BLOCK
EN 12278 · 28 kN
Progress-capture pulley, 12 mm.
ITEM # V0-KONG-94400N000KK



KONG
TWIN DOUBLE PULLEY
EN 12278 · 50 kN
96% efficiency.
ITEM # V0-KONG-827000P00KK



KONG
MINI TWIN EVO
EN 12278 · 32 kN
Compact double, 91% efficiency.
ITEM # V0-KONG-94500NP00KK / 0P00KK
COLORS Black · Orange



KONG
TURBO ROLL
EN 12278 · 26 kN
Compact, 93% efficiency.
ITEM # V0-KONG-821000N00KK



KONG
REFLEX
EN 12278 · 26 kN
High-efficiency rescue pulley.
ITEM # V0-KONG-829000P00KK



KONG
EXTRA ROLL
EN 12278 · 30 kN
High-efficiency rescue pulley.
ITEM # V0-KONG-820000P00KK / 82000NP00KK
COLORS Orange · Black (Tactical)



KONG
SWING
EN 12278 · 30 kN
Compact rescue pulley.
ITEM # V0-KONG-993N00400KK / 993P00100KK
COLORS Black · Polished Aluminum



KONG
PAMIR FAST TROLLEY
EN 12278 · 30 kN
Double-wheel trolley, 13 mm max.
ITEM # V0-KONG-946004400KK / 94600N400KK
COLORS Blue · Black



DMM
KEANU HIGHLINE TROLLEY
EN 12278 · 50 kN
Multi-sheave highline trolley.
ITEM # V0-DMM-TR400 / TR400MG
COLORS Matt Grey/Purple · Matt Grey

HAUL KITS & DESCENDERS // RAISE & LOWER

Pre-rigged haul systems, then racks, eights and auto-locking descenders.



CLIMBING TECHNOLOGY
CRIC
PULLEY CLAMP
Rope clamp with integrated pulley.
ITEM # V0-LM-434584



KONG
HOP! HAUL SYSTEM
4:1 / 5:1
1 m pre-rigged hoist with FUTURA MINI BLOCK.
ITEM # V0-KONG-208201000KK



SKEDCO
HMH SHUTTLE SKED ROPE KIT
200 FT
1/2 in. rope, carabiners and bag for the Shuttle Sked.
ITEM # V0-PMI-SK2511



CMI
RESCUE 8 BLACK
NFPA
Aluminum rescue eight with ears.
ITEM # V0-LM-434831



KONG
8 CLASSIC
FIGURE 8
Aluminum figure 8; 4 colors.
ITEM # V0-KONG-80503B400KK / N400KK / P100KK / R400KK
COLORS Red · Blue · Black · Polished Silver



KONG
INDY EVO PLUS
EN 341 EN 12841
Double auto-locking descender, 10–12 mm.
ITEM # V0-KONG-801040400KK



SINGING ROCK
SIR
EN 341 EN 12841
Descender, belay and positioning; anti-panic.
ITEM # V0-LM-449104



ISC
D5 INDUSTRIAL DESCENDER
DESCENDER
Red.
ITEM # V0-LM-108101



PETZL
JAG SYSTEM
4:1
Pre-rigged 4:1 hauling kit.
ITEM # V0-VSG-38018



NRS
Z-DRAG KIT
3:1
1/2 in. Sterling HTP static with pulleys and prusiks.
ITEM # V0-NRS-45314.03



SMC
NFPA FLAT 6-BAR RAPPEL RACK
NFPA 2500
J-frame; adjust friction under load.
ITEM # V0-LM-433993



CMI
FIGURE 8 DESCENDER
FIGURE 8
Silver or blue.
ITEM # V0-LM-434824 / 434825
COLORS Polished Silver · Hard Coat Blue



KONG
GI-GI PLATE
BELAY
Multipurpose belay and rappel plate.
ITEM # V0-KONG-859N00400KK series
COLORS Black · Yellow · Cyan · Polished · Titanium



SINGING ROCK
INDY EVO PLUS (SINGING ROCK EDITION)
EN 341 EN 12841
Same KONG-made device sold under the Singing Rock name (ref. K0101BX00). Double auto-locking descender.
ITEM # V0-LM-497876



ISC
D4 INDUSTRIAL DESCENDER
DESCENDER
Red or black.
ITEM # V0-LM-108100 / 108120
COLORS Red · Black



KONG
HYDROBOT
CANYON
Canyon/water descender.
ITEM # V0-KONG-8001NP300KK

ASCENDERS & ROPE CLAMPS // CLIMB & CAPTURE

Hand, chest and foot ascenders, rope clamps and double-rope devices.



KONG
LIFT HAND ASCENDER
EN 567 EN 12841
Left or right.
ITEM # VO-KONG-896NN4D00KK series
OPTIONS
Left: Black, Grey, Blue · Right: Black, Cyan, Orange, Red



KONG
FUTURA HAND
EN 567 EN 12841
Ultra-compact, black/orange.
ITEM # VO-KONG-87600N04DKK



KONG
CAM CLEAN
EN 567 EN 12841
Chest ascender, 8–13 mm.
ITEM # VO-KONG-82400B400KK / N400KK / 0400KK / R400KK
COLORS Red Orange Blue Black



CMI
FOOT ASCENDER
FOOT
Left or right.
ITEM # VO-LM-435802 / 435803
OPTIONS Left foot · Right foot



CMI
EXPEDITION ASCENDER PAIR
PAIR
Left and right handled ascenders.
ITEM # VO-LM-434350



CMI
LARGE ULTRASCENDER PAIR
20.4 kN
Handled ascender pair.
ITEM # VO-LM-434351 / 434352
COLORS Red Black



KONG
DUCK ROPE CLAMP
EN 567
Emergency clamp, 8–13 mm.
ITEM # VO-KONG-88800NB00KK / NG00KK / NR00KK
COLORS Red/Black Cyan/Black Green/Black



KONG
TRENDER
EN 12841
Double-rope ascender.
ITEM # VO-KONG-874030400KK



KONG
FUTURA HAND TACTICAL
EN 567 EN 12841
Ultra-compact, black.
ITEM # VO-KONG-87600NN4DKK



KONG
FUTURA BODY
EN 567 EN 12841
80 g chest ascender, 9–11 mm.
ITEM # VO-KONG-94200N000KK



KONG
FUTURA FOOT WORK
FOOT
Professional foot ascender.
ITEM # VO-KONG-87609N06SKK / 87609006DKK
OPTIONS Left foot · Right foot



SINGING ROCK
FOOT LIFT
FOOT
Left or right.
ITEM # VO-LM-449078 / 449079
OPTIONS Left foot · Right foot



CMI
DOUBLE HANDLE EXPEDITION
ASCENDER
Two-hand handle ascender.
ITEM # VO-LM-434355



CLIMBING TECHNOLOGY
ROLLNLOCK
ASCENDER
Ascender and rescue tool.
ITEM # VO-LM-434556 / 434561
COLORS Orange Blue



KONG
DUCK + OVAL SET
EN 567
Duck with oval screw-lock.
ITEM # VO-KONG-888SET001KK



KONG
HELP ADJUSTABLE STIRRUP
FOOT LOOP
Compact climbing and rescue foot loop.
ITEM # VO-KONG-834001000KK

EDGE PROTECTION // KEEP ROPE OFF THE LIP

Rollers for moving rope under load, sliders and pads for static lines, and a magnetic mat for steel edges.



SMC
ROPE TRACKER
EDGE
Edge protection system.
ITEM # V0-LM-148100



KONG
ROLLERS
ROLLER
Articulated rope rollers.
ITEM # V0-KONG-840000000KK



KONG
TERGESTE
ROLLER
Articulated edge roller system.
ITEM # V0-KONG-840100000KK



CONTERRA
CLAMPBOT
ROLLER
Articulating edge roller.
ITEM # V0-VSG-101600



CONTERRA
EDGEBOT
ROLLER
Terrain roller.
ITEM # V0-VSG-101602



CONTERRA
ROPE SLIDER ARMOR
SLIDER
24 in. or 17.5 in.
ITEM # V0-VSG-101596 / 101597
LENGTHS General 24 in. · Mountain 17.5 in.



CONTERRA
SLIDER ROPE GUARD
SLIDER
10×24 or 9×18 in.
ITEM # V0-VSG-101605 / 101599
LENGTHS General 10 × 24 in. · Mountain 9 × 18 in.



CASCADE RESCUE
LINE SAVER
CHAIRLIFT
Evacuation rope protection.
ITEM # V0-VSG-100619



KONG
PROTHOC
CORDURA
Hook-and-loop rope protector.
ITEM # V0-KONG-846010400KK



PMI
SUPERMANTLE ROPE GUARD
USA
Wrap-around guard; 18–36 in.
ITEM # V0-PMI-RC48020U / RC48018U / RC48019U
COLORS Black Red
LENGTHS 18 in. · 24 in. · 36 in.

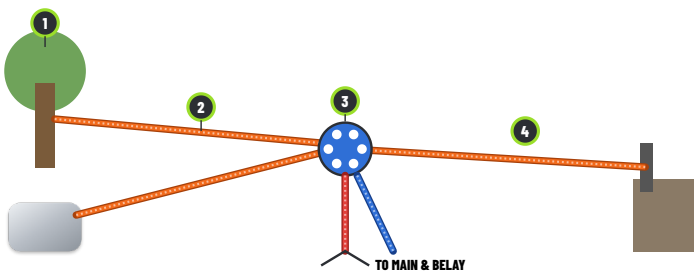


SMC
FLEX KIT 2
PADS
Rope pads and clips.
ITEM # V0-PMI-SM148202



STREP
MAGNA-MAT 24 IN.
MAGNETIC
Magnetic edge mat for steel.
ITEM # V0-VSG-101609

OUR DRAWING
LOAD-DISTRIBUTING ANCHOR



1. **NATURAL ANCHOR**
   Tree, column or structural member, wrapped with an anchor sling (page 57).
2. **ANCHOR LEGS**
   Two or three legs share the load; keep the angle between legs narrow.
3. **RIGGING PLATE**
   The plate gathers the legs and gives clean attachment points for main and belay (page 56).
4. **PICKET OR STRUCTURE**
   Add legs until the anchor is bombproof.

ROPE & EQUIPMENT BAGS // PACK, CARRY, DEPLOY

Rope bags that deploy cleanly, haul bags, rescue packs and tool bags.



KONG
CONVOY RESCUE BAG
45 / 60 L
Lay-flat opening.
ITEM # V0-KONG-982002N00KK series
COLORS Black · Orange
SIZES 45 L · 60 L



KONG
OMNIBAG 60 L
EXPANDABLE
Rope and equipment bag.
ITEM # V0-KONG-982524N01KK



KONG
TOOL BAG
PVC
Heavy-duty tool bag.
ITEM # V0-KONG-982530N01KK



PMI
ROPE BAG USA
MADE IN USA
Small, Standard or Large.
ITEM # V0-PMI-RB44009U series
COLORS Blue · Black · Orange/Black · Red/Black
SIZES Small · Standard · Large



PMI
ROPE PACK WITH STRAPS
BACKPACK
Standard to XXL.
ITEM # V0-PMI-RB44019 series
COLORS Red · Orange · Blue · Black
SIZES Standard · Large · XL · XXL



STERLING ROPE
CARRIER ROPE BAG
17 / 31 / 45 L
Gray or red.
ITEM # V0-VSG-SCRB-17L-GY / -31L-GY / -31L-RD / -45L-GY / -45L-RD
COLORS Grey · Red
SIZES 17 L (grey) · 31 L · 45 L



KONG
GENIUS II 30 L
HAULING
Hauling and equipment bag.
ITEM # V0-KONG-982534N01KK



KONG
ROPE BAG BACKPACK
28 / 43 L
Rope backpack.
ITEM # V0-KONG-982501N01KK / 982502N01KK
SIZES 28 L · 43 L



CMI
CLASSIC ROPE BAG
M · L · XL
3 colors.
ITEM # V0-LM-435630 – 435638
COLORS Yellow · Orange · Black
SIZES Medium · Large · Extra Large



PMI
ROPE PACK DOUBLE BOTTOM
MADE IN USA
Double-layer bottom.
ITEM # V0-PMI-RB44019U series
COLORS Red · Orange · Blue · Black
SIZES Standard · Large · XL · XXL



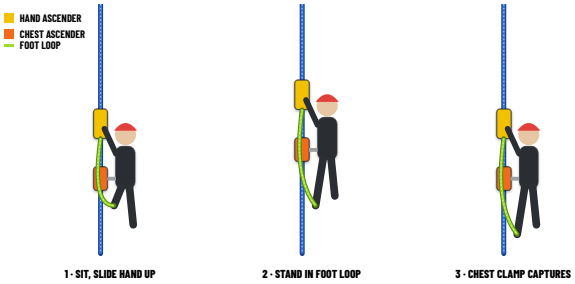
PMI
GEAR BUCKET USA
MADE IN USA
Free-standing bucket bag; not for hauling.
ITEM # V0-PMI-RB44049U



FRENCHCREEK
206 TRIPOD CARRY BAG
TRIPOD
Carry bag for TP7/TP9 tripods.
ITEM # V0-FC-206

OUR DRAWING

ASCENDING A FIXED LINE // SIT-STAND



A hand ascender with foot loop and a chest ascender let a rescuer climb a fixed line: sit back on the chest ascender, slide the hand ascender up, stand in the foot loop, and the chest ascender captures the progress. Hand, chest and foot ascenders are on page 60.



TRIPODS · DAVITS · RESCUE SRLs · WINCHES · VENTILATION

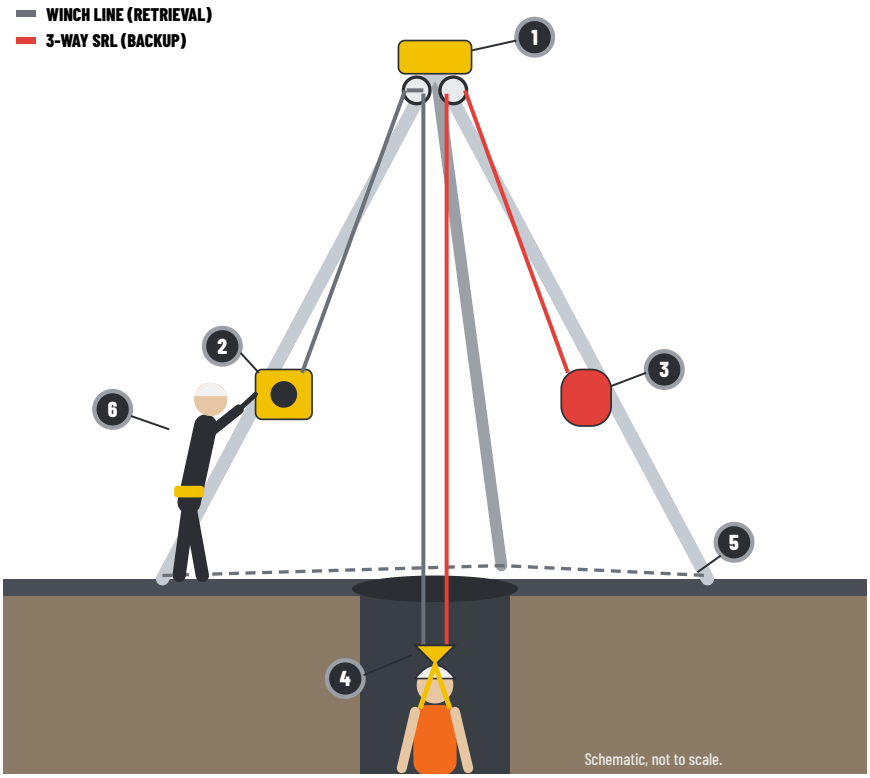
CONFINED SPACE

Non-entry retrieval and entry rescue for manholes, vaults, tanks and below-grade collapse voids: tripods and davits, 3-way rescue SRLs and winches, wristlets and yokes, and the blowers that keep the air moving.

FrenchCreek | 3M DBI-SALA | KONG | SMC | Petzl | Allegro

TRIPOD RESCUE SYSTEM // NON-ENTRY FIRST

Our drawing of a typical tripod rescue setup over a vertical entry. Retrieval from outside the space is the first choice; an entry rescue team goes in only when it can't be done.



1. **TRIPOD HEAD & SHEAVES**
   Overhead anchor centered on the opening; each line runs over its own sheave (page 66).
2. **PERSONNEL WINCH**
   Mounted on a tripod leg; its cable is the retrieval line to the entrant (page 65). A rope MA system can do the same job (page 59).
3. **3-WAY RESCUE SRL**
   A second, independent line: fall arrest with a built-in retrieval mode (page 68).
4. **HARNESS WITH YOKE OR WRISTLETS**
   Both lines connect to the entrant's harness; a yoke or wristlets keep the entrant narrow and upright (page 67).
5. **LEG CHAIN OR STRAP**
   Keeps the tripod feet from spreading.
6. **ATTENDANT**
   Stays outside, keeps contact and runs the winch.

OSHA RETRIEVAL REQUIREMENT

For permit-required confined spaces, OSHA 1910.146(k)(3) requires retrieval systems whenever an authorized entrant enters, unless the retrieval equipment would increase the overall risk or would not help a rescue. For vertical spaces deeper than 5 ft, a mechanical device must be available to retrieve the entrant. General guidance only — follow OSHA 1910.146 or 1926 Subpart AA, your permit program and each manufacturer's instructions.

FEATURED TRIPOD & RETRIEVAL // SHOWN LARGE

A complete tripod system with rescue SRL, and a two-speed rescue winch.



FRENCHCREEK

S50G-7 TRIPOD SYSTEM

ANSI Z359.1

SRL
50 ft

TP7 tripod + R50G 50 ft 3-way rescue SRL.

- TP7 tripod with the R50G 50 ft galvanized 3-way rescue SRL.
- ANSI Z359 listed components per FrenchCreek.
- See the drawing on page 64 for how the lines run.

ITEM # V0-FC-S50G-7



KONG

RAIZER WINCH SET

EN 1496 EN 795

RATIO
12.8 · 40:1

Two-speed 12.8:1 / 40:1; mounts on KONG tripods and 4D Pole.

- EN 1496 rescue lifting device per KONG listing.
- Two-speed drive: 12.8:1 for speed, 40:1 for heavy loads.
- Mounts on KONG tripods such as the CEVEDALE 2.0 (page 66).

ITEM # V0-KONG-817640000KK

Callouts name features listed by the maker. Check the maker's instructions for ratings and compatibility before use.

TRIPODS & PORTABLE ANCHORS // OVER THE HOLE

Complete tripod systems, KONG rescue tripods for winches, a gin pole and an edge monopod.



FRENCHCREEK
S50G-7 TRIPOD SYSTEM
ANSI Z359.1
TP7 tripod + R50G 50 ft 3-way rescue SRL.
ITEM # V0-FC-S50G-7



FRENCHCREEK
S50G-M7 SYSTEM + WINCH
ANSI Z359.1
TP7 + R50G SRL + MW50G material winch.
ITEM # V0-FC-S50G-M7



FRENCHCREEK
TP9 9 FT ALUMINUM TRIPOD
ANSI Z359.1 5,000 LB
Taller tripod for larger openings; 350 lb user.
ITEM # V0-FC-TP9



3M DBI-SALA
TRIPOD + 3-WAY SRL 8301094
9 FT 50 FT SS
9 ft tripod; 50 ft stainless SRL.
ITEM # V0-ON-8301094



3M DBI-SALA
TRIPOD + WINCH 8301087
WINCH
Aluminum tripod with personnel winch.
ITEM # V0-ON-8301087



KONG
TRIPODE MONO
EN 795 EN 1496
Industrial tripod, one winch.
ITEM # V0-KONG-842010000KK



KONG
4D POLE GIN POLE
130–205 CM
Adjustable rescue anchor/gin pole.
ITEM # V0-KONG-817500000KK



FRENCHCREEK
R50G-TP7 SYSTEM WITH BAG
ANSI Z359.1
TP7 + R50G + #204 carry bag.
ITEM # V0-FC-R50G-TP7



FRENCHCREEK
TP7 7 FT ALUMINUM TRIPOD
ANSI Z359.1 5,000 LB
Telescoping legs, two lifeline points; 350 lb user.
ITEM # V0-FC-TP7



3M DBI-SALA
TRIPOD + 3-WAY SRL 8301091
ANSI Z359.14
7 ft aluminum tripod with 3-way SRL.
ITEM # V0-ON-8301091



3M DBI-SALA
TRIPOD + WINCH 8301085
9 FT 120 FT SS
9 ft tripod; 120 ft stainless winch.
ITEM # V0-ON-8301085



KONG
TRIPODE BASE
EN 795
160–200 cm; carries on your back.
ITEM # V0-KONG-842020000KK



KONG
CEVEDALE 2.0
EN 795
Modular rescue tripod for RAIZER winches; 185–275 cm.
ITEM # V0-KONG-842030000KK



SMC
VECTOR MONOPOD
EDGE & LOAD
Monopod for edge transitions and load management.
ITEM # V0-LM-290010

DAVITS & SIDE ENTRY // PORTABLE & PERMANENT BASES

FrenchCreek portable davit with sleeve bases for repeat locations, 3M DBI-SALA davits and side-entry, the KONG GRIZZLY edge arm, and wristlets and yokes for entrant retrieval.



FRENCHCREEK
PD1 DAVIT MAST
12-30 IN
Adjustable-reach mast; mounts SRL and winch.
ITEM # V0-FC-PD1



FRENCHCREEK
PD2 PORTABLE BASE
36-60 IN
Three-piece portable base with level.
ITEM # V0-FC-PD2



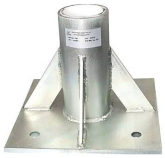
FRENCHCREEK
PD3 R50G BRACKET
Mounts the R50G rescue SRL to the PD1.
ITEM # V0-FC-PD3



FRENCHCREEK
PD4 MW50G BRACKET
Mounts the MW50G winch to the PD1.
ITEM # V0-FC-PD4



FRENCHCREEK
PD5 CORE MOUNT SLEEVE
PERMANENT
Cored-in base.
ITEM # V0-FC-PD5



FRENCHCREEK
PD7 FLOOR MOUNT SLEEVE
PERMANENT
Floor base.
ITEM # V0-FC-PD7



FRENCHCREEK
PD8 WALL MOUNT SLEEVE
PERMANENT
Wall base.
ITEM # V0-FC-PD8



3M DBI-SALA
LONG REACH DAVIT 8000119
EN 795 EN 1496 22 kN
Five-piece high-capacity portable davit.
ITEM # V0-ON-8000119



3M DBI-SALA
SHORT REACH DAVIT ARM
EN 795 22 kN
Short-reach davit arm.
ITEM # V0-ON-8000107



3M DBI-SALA
PORTABLE SIDE ENTRY SYSTEM
HORIZONTAL
Manway mount for tanks and vessels.
ITEM # V0-ON-8511233



KONG
GRIZZLY EDGE DAVIT
WALL EDGE
Rotating arm keeps ropes off the edge.
ITEM # V0-KONG-817400000KK



FRENCHCREEK
206 TRIPOD CARRY BAG
TRIPOD
Carry bag for TP7/TP9 tripods.
ITEM # V0-FC-206



FRENCHCREEK
207 RESCUE WRISTLETS
WRISTLETS
Retrieval where a harness can't be used.
ITEM # V0-FC-207



FRENCHCREEK
207Y WRISTLETS WITH YOKE
WRISTLETS
Wristlets with spreader yoke.
ITEM # V0-FC-207Y



FRENCHCREEK
207YL WRISTLETS + 25 FT TAGLINE
WRISTLETS
Yoke and tagline.
ITEM # V0-FC-207YL



FRENCHCREEK
702Y RETRIEVAL YOKE
YOKE
Connects to harness shoulder points.
ITEM # V0-FC-702Y

RESCUE SRLS & WINCHES // RAISE, LOWER, ARREST

3-way SRLs arrest a fall and switch to retrieval mode; material winches move gear; the RAIZER and 3M power winch handle personnel loads. The DIAPASON keeps a casualty upright in narrow shafts.



FRENCHCREEK

R50G 3-WAY RESCUE SRL

ANSI Z359.14

50 ft galvanized; raise/lower retrieval mode.

ITEM # V0-FC-R50G



FRENCHCREEK

R50SS 3-WAY RESCUE SRL

50 FT SS

Stainless cable.

ITEM # V0-FC-R50SS



FRENCHCREEK

R50T 3-WAY RESCUE SRL

50 FT TECHNORA

Synthetic rope.

ITEM # V0-FC-R50T



FRENCHCREEK

FCP2005-100G 3-WAY SRL

100 FT

Galvanized cable.

ITEM # V0-FC-FCP2005-100G



FRENCHCREEK

FCP2005-100SS 3-WAY SRL

100 FT SS

Stainless cable.

ITEM # V0-FC-FCP2005-100SS



FRENCHCREEK

R100T 3-WAY SRL

100 FT TECHNORA

Synthetic rope.

ITEM # V0-FC-R100T



FRENCHCREEK

MW50G MATERIAL WINCH

ANSI Z359.1

50 ft galvanized; friction brake.

ITEM # V0-FC-MW50G



FRENCHCREEK

MW50SS MATERIAL WINCH

ANSI Z359.1

50 ft stainless.

ITEM # V0-FC-MW50SS



FRENCHCREEK

MW50T MATERIAL WINCH

ANSI Z359.1

50 ft Technora.

ITEM # V0-FC-MW50T



3M DBI-SALA

ADVANCED DIGITAL 200 POWER DRIVE WINCH

140 FT SS

Personnel and material winch.

ITEM # V0-ON-8518586



KONG

RAIZER WINCH SET

EN 1496 EN 795

Two-speed 12.8:1 / 40:1; mounts on KONG tripods and 4D Pole.

ITEM # V0-KONG-817640000KK



PETZL

TWIN RELEASE SYSTEM

ANSI Z359.4

Pre-rigged 4:1 haul/lower; 280 kg; releasable under load.

ITEM # V0-VSG-100353



KONG

DIAPASON SPREADER

EN 354

Keeps a casualty upright in narrow vertical extraction.

ITEM # V0-KONG-216SET000KK



FRENCHCREEK

WL-10 10 FT LADDER

FLEXIBLE

Flexible access ladder.

ITEM # V0-FC-WL-10

VENTILATION // FRESH AIR IN, CONTAMINANTS OUT

Axial and centrifugal blowers, explosion-proof options for hazardous locations, and Manhole Ventilation Passthrus that keep the opening clear.



ALLEGRO
8 IN. AXIAL AC BLOWER
17 LB
Compact axial.
ITEM # V0-ON-9533



ALLEGRO
8 IN. EXPLOSION-PROOF AXIAL
EX-PROOF
For hazardous locations.
ITEM # V0-ON-9538



ALLEGRO
12 IN. AXIAL + 25 FT DUCT
49 LB
High-volume system.
ITEM # V0-ON-9543-25



ALLEGRO
8 IN. GAS CENTRIFUGAL
GAS
Where power isn't available.
ITEM # V0-ON-9505



ALLEGRO
12 IN. MANHOLE PASSTHRU (MVP)
MVP
12 in. version.
ITEM # V0-ON-9510-60



ALLEGRO
8 IN. × 25 FT DUCTING
ITEM # V0-ON-9500-25



ALLEGRO
33 IN. MANHOLE GUARD RAIL
33×33 IN
Hi-vis barrier around the opening.
ITEM # V0-ON-9401



ALLEGRO
8 IN. COM-PAX-IAL + 15 FT DUCT
SYSTEM
Blower, canister and ducting.
ITEM # V0-ON-9533-15



ALLEGRO
8 IN. EX-PROOF + 25 FT CONDUCTIVE DUCT
EX-PROOF
Statically conductive ducting.
ITEM # V0-ON-9538-25



ALLEGRO
8 IN. CENTRIFUGAL BLOWER
38 LB
Supply or exhaust.
ITEM # V0-ON-9504



ALLEGRO
8 IN. MANHOLE PASSTHRU (MVP)
MVP
Keeps the opening clear while venting.
ITEM # V0-ON-9510-50



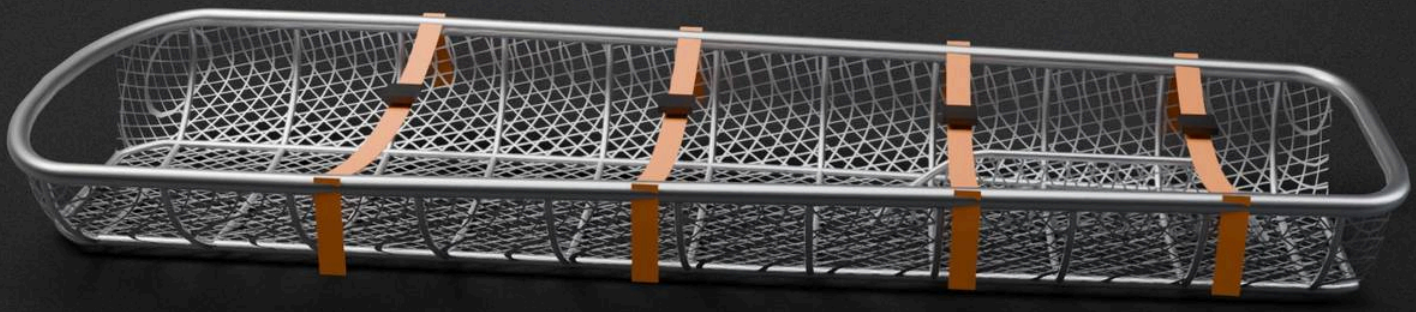
ALLEGRO
8 IN. × 15 FT DUCTING
ITEM # V0-ON-9500-15



ALLEGRO
12 IN. × 25 FT DUCTING
ITEM # V0-ON-9535-12DL

VENTILATION CHECKS

- Set blowers upwind of the opening and away from engine exhaust.
- Use explosion-proof blowers and statically conductive ducting where flammable atmospheres are possible.
- Duct fresh air down to the work zone and keep it running; ventilation does not replace air monitoring.
- An MVP keeps the opening clear for the retrieval line while the duct runs into the space.



BASKETS · BREAK-APART · ROLLABLE · BACKBOARDS · BRIDLES

LITTERS & TRANSPORT

Steel and plastic basket stretchers, break-apart litters you can carry in two halves, rollable stretchers for confined space, carbon spinal boards, lifting bridles, flotation and patient comfort items.

Junkin | KONG | Skedco

PICK THE LITTER // BY THE PLACE YOU'RE GOING

Capacity, width and weight are the maker's published figures where listed; a dash means not listed on our product page.

Litter	Type	Capacity	Width	Weight	Best for	Page
Junkin JSA-300	Steel basket (Stokes-type)	1,500 lb	24 in.	33 lb	General technical rescue; the classic.	**73**
Junkin JSA-300PC	Plastisol-coated steel basket	1,500 lb	24 in.	33 lb	Wet and corrosive environments.	**73**
Junkin JSA-300B	Break-apart steel basket	1,500 lb	24 in.	—	Carry in on two backs; long approaches.	**73**
Junkin JSA-300-CS	Narrow steel basket	1,500 lb	18 3/8 in.	23 lb	Confined space and tight stairwells.	**73**
Junkin JSA-200	HDPE shell, stainless rails	1,200 lb	24 in.	39 lb	Drags smoothly; non-absorbent shell.	**73**
KONG 911 ARMOR	Two-piece HDPE shell litter	—	—	—	Land rescue; splits for transport; EASA.	**72**
KONG 911 HIVE	Perforated two-piece shell	—	—	—	Water and sand drain through the shell.	**73**
KONG LECCO 2.0	Mountain litter	—	—	—	Hostile terrain; one-rescuer assembly.	**73**
KONG ROLLY / HALF ROLLY	Rollable stretcher	—	—	—	Confined-space evacuation through tight passages.	**72**
KONG X-TRIM 4	Folding carbon spinal board	—	—	—	Rigid support that folds in four.	**73**
Junkin JSA-365 / 366	Plastic backboards	400 / 375 lb	16 in.	15 lb (365)	Immobilization; 365 is X-ray translucent.	**73**
Junkin JSA-360-CS	Narrow wooden backboard	400 lb	14 in.	—	Confined-space packaging.	**73**

PACKAGE BEFORE YOU MOVE

Pad voids, secure the patient at chest, hips and legs, protect the head and face, and use a foot loop or stirrups for vertical raises. Insulate from the ground and from wind with blankets — hypothermia starts early.

RIGGING THE LITTER

A lifting bridle with adjusters levels a horizontal litter; a vertical litter rigs from the head. Add a flotation collar or FLOK-IT kit before any water operation. Inspect welds, mesh and rails before every use.

FEATURED LITTERS // SHOWN LARGE

A shell litter shown rigged on its bridle, and a rollable stretcher for tight spaces.



KONG

911 ARMOR

EASA

SHELL
HDPE

Two-piece HDPE shell litter for land rescue.

- Shell litter for land rescue; KONG lists EASA use.
- Shown suspended from a bridle; use the maker's bridle and follow KONG's rigging instructions.
- Two halves for transport.

ITEM # V0-KONG-880070000KK



KONG

ROLLY

ROLLABLE

TYPE
ROLLABLE

Rollable stretcher for confined-space evacuation.

- Rollable stretcher for confined-space evacuation.
- Narrow when wrapped, for hatches and tight passages.
- See the litter comparison on page 71.

ITEM # V0-KONG-890010000KK / 89001N000KK
COLORS Yellow Black

Callouts name features listed by the maker. Check the maker's instructions for ratings and compatibility before use.

BASKETS, BOARDS & SHELLS // JUNKIN & KONG



JUNKIN
JSA-300 BASKET STRETCHER
1,500 LB
Steel Stokes-type, 82×24 in., 33 lb.
ITEM # V0-JS-JSA-300



JUNKIN
JSA-300B BREAK-APART
1,500 LB
Two back-packable halves.
ITEM # V0-JS-JSA-300B



JUNKIN
JSA-200 PLASTIC SPLINT BASKET
1,200 LB
HDPE shell, stainless rails; 39 lb.
ITEM # V0-JS-JSA-200



JUNKIN
JSA-366 FOLDING BACKBOARD
375 LB
Folding plastic backboard.
ITEM # V0-JS-JSA-366



KONG
911 ARMOR
EASA
Two-piece HDPE shell litter for land rescue.
ITEM # V0-KONG-880070000KK



KONG
LECCO 2.0
MOUNTAIN
Mountain and hostile-environment litter.
ITEM # V0-KONG-870040000KK



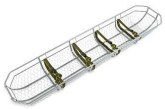
KONG
HALF ROLLY
ROLLABLE
Short rollable immobilizer.
ITEM # V0-KONG-89002N000KK



KONG
KIT EVEREST CARBON
EASA
Helicopter rescue kit with X-TRIM 2.0 board.
ITEM # V0-KONG-855SET012KK



JUNKIN
JSA-300PC PLASTISOL-COATED
1,500 LB
Rust-proof coating; 33 lb.
ITEM # V0-JS-JSA-300PC



JUNKIN
JSA-300-CS CONFINED SPACE STRETCHER
1,500 LB
Junkin's "19 in." narrow model: 18 3/8 in. W × 81 1/2 in. L × 7 3/4 in. H; 23 lb.
ITEM # V0-JS-JSA-300-CS



JUNKIN
JSA-365 RIGID BACKBOARD
400 LB
One-piece polyethylene; X-ray translucent.
ITEM # V0-JS-JSA-365



JUNKIN
JSA-360-CS 14 IN. WOODEN BACKBOARD
400 LB
Narrow confined-space board.
ITEM # V0-JS-JSA-360-CS



KONG
911 HIVE
EASA
Perforated shell drains water and sand.
ITEM # V0-KONG-880060000KK



KONG
ROLLY
ROLLABLE
Rollable stretcher for confined-space evacuation.
ITEM # V0-KONG-890010000KK / 89001N000KK
COLORS Yellow Black



KONG
X-TRIM 4
CARBON
Four-section folding spinal board.
ITEM # V0-KONG-85512N000KK

BRIDLES, FLOTATION & PATIENT CARE // ACCESSORIES



JUNKIN
JSA-300X-TL BRIDLE SLING
2,500 LB
Webbing lifting bridle.
ITEM # V0-JS-JSA-300X-TL



JUNKIN
JSA-300X-SS CABLE BRIDLE
4,000 LB
Stainless cable bridle.
ITEM # V0-JS-JSA-300X-SS



KONG
FLOK-IT FLOTATION KIT
WATER
For ROLLY, 911 HIVE and 911 ARMOR.
ITEM # V0-KONG-880020300KK



JUNKIN
JSA-301 STORAGE COVER
Vinyl cover with wall bracket.
ITEM # V0-JS-JSA-301



JUNKIN
JSA-506 INSULATED BLANKET
DISPOSABLE
Each or 10-pack.
ITEM # V0-JS-JSA-506-EA / -PK10
OPTIONS Each · 10-Pack



JUNKIN
JSA-508 DISPOSABLE PILLOW
Each or 10-pack.
ITEM # V0-JS-JSA-508-EA / -PK10
OPTIONS Each · 10-Pack



JUNKIN
JSA-300X-3 CARABINER BRIDLE
2,500 LB
Bridle with carabiners.
ITEM # V0-JS-JSA-300X-3



JUNKIN
JSA-303 FLOTATION COLLAR
WATER
Floats a basket stretcher.
ITEM # V0-JS-JSA-303



JUNKIN
JSA-302 COMFO-PAD
Patient pad for JSA-300 series.
ITEM # V0-JS-JSA-302



JUNKIN
JSA-300-BR WALL BRACKETS
ITEM # V0-JS-JSA-300-BR



JUNKIN
JSA-502 FIRST AID BLANKET
Each or 10-pack.
ITEM # V0-JS-JSA-502-BLANKET-EA / -PK10
OPTIONS Each · 10-Pack



SKEDCO
HMH SHUTTLE SKED ROPE KIT
200 FT
1/2 in. rope, carabiners and bag for the Shuttle Sked.
ITEM # V0-PMI-SK2511



THROW BAGS · WATER HELMETS · BOARDS · ICE · DRY BAGS

SWIFTWATER

Throw bags and floating line, the KONG Swift Water Rescue Personal Kit, the NRS rescue board, an ice rescue suit, line-capture tools, knives and dry bags. Water helmets and gloves are in Head, Eye & Hand.

NRS | KONG | PMI | Mustang Survival | Rescue Source | Scotty | Singing Rock | Dorcy

WATER RESCUE // REACH, THROW, ROW, GO

The order teams use to choose a method: each step further out puts the rescuer closer to the hazard. This page shows where the gear in this section fits; it is not a procedure.

1 TALK
Direct the person to self-rescue from shore.
Voice, whistle, hand signals

2 REACH
Reach from a stable position on shore.
Reach poles, line-capture tools

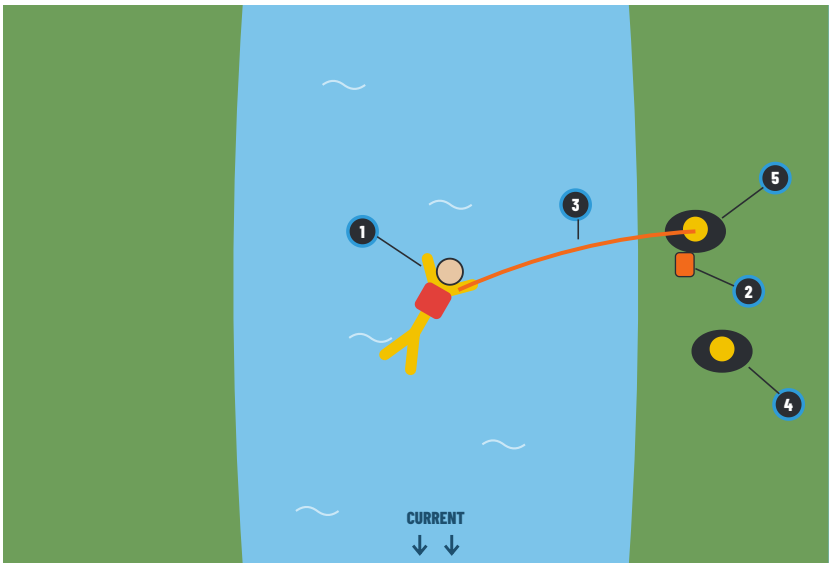
3 THROW
Get floating line or a flotation device to the person.
Throw bags (page 77)

4 ROW
Use a board or boat; trained teams only.
NRS rescue board (page 77)

5 GO
In-water contact rescue; highest risk, trained swimmers only.
PFD, helmet, suit, knife

Shore-based methods Boat and in-water methods

WHERE A THROW BAG FITS



1. **PERSON IN THE WATER** — The reason for the throw: get floating line within reach.
2. **THROW BAG** — The bag holds the line and carries it out when thrown.
3. **FLOATING LINE** — Floats on the surface so it stays visible and reachable.
4. **SECOND RESCUER** — Teams assign backup and downstream positions in their plan.
5. **THROWER ON SHORE** — Stays on shore, out of the water.

FOLLOW QUALIFIED INSTRUCTION AND AGENCY PROCEDURES

This page is general orientation only, not training. Moving water injures and kills rescuers. Water rescue techniques must be learned from qualified instructors (NFPA 1006 / NFPA 2500 water rescue levels) and carried out under your agency's procedures. Wear a rescue PFD and water helmet whenever you work near moving water.

SWIFTWATER EQUIPMENT // THROW, REACH, FLOAT



KONG
SWIFT WATER RESCUE PERSONAL KIT
6 PIECES
MOUSE WORK helmet, TARGET PRO harness, BACK-UP ANSI, AutoLife 150N, rope bag, Marmore.
ITEM # V0-KONG-9VP000089KK



NRS
RESCUE BOARD
20 PSI
Inflatable drop-stitch swiftwater rescue board.
ITEM # V0-NRS-86094.01



NRS
NFPA ROPE RESCUE THROW BAG
NFPA 1983 **3/8 IN**
75 ft Sterling GrabLine; rope certified to NFPA 1983 (2012); 3,282 lb (14.6 kN) rope-only rating. For throwing, not for rope systems.
ITEM # V0-NRS-45104.01



NRS
STANDARD THROW BAG
3/8 IN
Floating polypropylene, 1,900 lb.
ITEM # V0-NRS-45103.01-ORG / -RED
COLORS Red · Orange



PMI
THROW BAG ECONOMY
10 MM
49 or 75 ft line.
ITEM # V0-PMI-KT36020 / KT36024
LENGTHS 49 ft · 75 ft



SCOTTY
RESCUE THROW BAG 50 FT
7 MM
Floating MFP line, 550 lb test.
ITEM # V0-LM-760764



SPYDERCO
RESCUE 79 MM
KNIFE
Sheepsfoot serrated folder.
ITEM # V0-LM-376553 / 376554
COLORS Hi-Viz Orange · Black



MUSTANG SURVIVAL
ICE COMMANDER RESCUE SUIT
ICE **COLD WATER**
Waterproof shell with AirSoft flotation liner.
ITEM # V0-NRS-IC9001-03



RESCUE SOURCE
CROSSLINE REACH
LINE CAPTURE
Captures ropes and lines from a distance.
ITEM # V0-NRS-45218.01.100



NRS
PRO COMPACT THROW BAG
70 FT
1/4 in. UltraLine, 2,495 lb.
ITEM # V0-NRS-45101.01



PMI
H2-THROW BAG
7 / 10 MM
10 mm 16 kN or 7 mm 8 kN line.
ITEM # V0-PMI-KT36019 / 36021 / 36023
LENGTHS 7 mm or 10 mm · 50 ft · 75 ft



PMI
MESH PANEL THROW BAG
BAG ONLY
Replacement mesh-panel bag.
ITEM # V0-PMI-RB44033



NRS
PILOT ACCESS SAR KNIFE
KNIFE
Folding rescue knife; 4 colors.
ITEM # V0-NRS-47318.01-BLK / -FLA / -RED / -SAFYEL
COLORS Red · Black · Flare · Safety Yellow



NRS
EXPEDITION DRIDUFFEL
12–105 L
Submersible dry duffel.
ITEM # V0-NRS-55038.02-CIT-12L series
COLORS Salsa · Smoke · Citrus · Mykonos
SIZES 12 L · 35 L · 70 L · 105 L

DRY BAGS & FLOATING LIGHT // KEEP IT DRY

Roll-top dry bags and duffels for kit that has to stay dry, and a lantern that floats.



SINGING ROCK
CANYON BAG 30 L
YELLOW
Canyon/water gear bag.
ITEM # V0-LM-448711



SINGING ROCK
DRY BAG 40 L
YELLOW
Roll-top dry backpack.
ITEM # V0-LM-448709



SINGING ROCK
DRY BAG 60 L
BLACK
Roll-top dry backpack.
ITEM # V0-LM-448710



SINGING ROCK
DRY DUFFLE 40 L
YELLOW
Dry duffle.
ITEM # V0-LM-498013



SINGING ROCK
DRY DUFFLE 60 L
BLACK/YELLOW
Dry duffle.
ITEM # V0-LM-498014



DORCY
200 LUMEN FLOATING LANTERN
FLOATS 6-PACK
USB-C rechargeable.
ITEM # V0-DOR-41-3128-PK6
6-pack

ALSO FOR THE WATER

- Water helmets (EN 1385) and rescue gloves are on pages 18 and 22.
- Throw-bag rope is for throwing and shore-based tasks. The NRS NFPA bag's 3/8 in. GrabLine is rated 14.6 kN — below the 20 kN (T) and 40 kN (G) minimums for life safety rope. A rope system needs every component rated for that system.
- Floating litters: add the Junkin flotation collar or KONG FLOK-IT (page 74).
- Water rope systems: Z-drag kit, swiftwater pulley and water-rescue carabiners are on pages 59 and 57.



WILDLAND · STRUCTURE FIRE · SCENE · LANTERN · HEADLAMP

RESCUE & SCENE LIGHTING

FoxFury wildland and structure fire lighting kits and Nomad scene lights, right-angle lights, rechargeable lanterns including an intrinsically safe option, and crew-issue headlamps and work lights.

FoxFury | Streamlight | Koehler Bright Star | DieHard | Dorcy

LIGHT FOR THE TASK // WHO NEEDS WHAT

Scene lights flood the work area; personal lights follow the rescuer. Use intrinsically safe lighting wherever a flammable atmosphere is possible.

Task	Start with	Page
Wildland crews	FoxFury Wildland Fire Lighting Kit	**80**
Structure fire	FoxFury Structure Fire kits; Breakthrough BT2+ right-angle	**80**
Scene & collapse site	FoxFury Nomad NOW, Nomad Transformer Field Kit; Streamlight E-Flood FireBox	**80**
Flammable atmospheres	Koehler Bright Star WorkSafe 2206 intrinsically safe lantern	**81**
Confined space entrant	Right-angle light or headlamp; intrinsically safe where required	**81**
Crew issue	Dorcy and DieHard headlamps and utility lights in multi-packs	**81**



FOXFURY
WILDLAND FIRE LIGHTING KIT
WFIRE-KIT-1
Two personal lights for wildland crews.
ITEM # V0-FOX-WFIRE-KIT-1



FOXFURY
STRUCTURE FIRE SIDE KIT
SFIRE-KIT-2
Side-mount structure fire kit.
ITEM # V0-FOX-SFIRE-KIT-2



FOXFURY
NOMAD TRANSFORMER FIELD KIT
SCENE
High-output portable scene lighting.
ITEM # V0-FOX-NMD-KIT-NT



FOXFURY
BREAKTHROUGH BT2+
RIGHT ANGLE
Hybrid right-angle light; black or orange.
ITEM # V0-FOX-380-BT2P-BLR / -ORR
COLORS Orange Black



KOEHLER BRIGHT STAR
LIGHTHAWK GEN II
LANTERN
Rechargeable lantern; AC + DC chargers.
ITEM # V0-KBS-07610-UTIL / 07611-UTIL / 07612-UTIL
COLORS Yellow Orange Black



FOXFURY
STRUCTURE FIRE LIGHTING KIT
SFIRE-KIT-1
Helmet light plus right-angle light.
ITEM # V0-FOX-SFIRE-KIT-1



FOXFURY
NOMAD NOW SCENE LIGHT
SCENE
Cordless rechargeable scene light.
ITEM # V0-FOX-200-400-100



FOXFURY
NOMAD PRIME VIDEO SYSTEM
VIDEO
Scene light with video system.
ITEM # V0-FOX-200-800-SYS-MM



STREAMLIGHT
E-FLOOD FIREBOX
FLOOD
Rechargeable flood lantern.
ITEM # V0-ON-45811



KOEHLER BRIGHT STAR
RAPTOR FLOOD LANTERN
375 LM
Red or hi-vis green.
ITEM # V0-KBS-RF4GNA / RF4RNA
COLORS Red Hi-Viz Green

LANTERNS, HEADLAMPS & WORK LIGHTS // CREW ISSUE

Order by the pack shown — one pack outfits a small crew.



KOEHLER BRIGHT STAR
RESPONDER PRO RIGHT ANGLE
RIGHT ANGLE
Rechargeable; wall and DC chargers.
ITEM # V0-KBS-520221-UTIL



KOEHLER BRIGHT STAR
WORKSAFE 2206 LANTERN
INTRINSICALLY SAFE
Pack of 6 only.
ITEM # V0-KBS-08050-PK6
pack of 6



DIEHARD
TWIST FOCUS 1500 LUMEN FLASHLIGHT
3-PACK
Focusable flashlight.
ITEM # V0-DOR-1500-2
3-pack



DORCY
1500 LUMEN ULTRA HD UTILITY LIGHT
3-PACK
With power bank.
ITEM # V0-DOR-41-4336-PK3
3-pack



DORCY
PRO 1850 LUMEN SPOTLIGHT
2-PACK
USB rechargeable with power bank.
ITEM # V0-DOR-41-1038-PK2
2-pack



DORCY
PRO 470 LUMEN HIGH CRI & UV
6-PACK
High-CRI and UV headlamp.
ITEM # V0-DOR-41-4320-PK6
6-pack



DORCY
335 LUMEN MULTI-FUNCTION HEADLAMP
6-PACK
Red/green modes; AAA.
ITEM # V0-DOR-41-2093
6-pack



DORCY
PRO UNBREAKABLE 325 LUMEN
6-PACK
Flashlight.
ITEM # V0-DOR-41-2600-PK6
6-pack



KOEHLER BRIGHT STAR
VISION LED HEADLAMP
6-PACK
Rechargeable headlamp.
ITEM # V0-KBS-200521-PK6
pack of 6



DIEHARD
1500 LUMEN UTILITY LIGHT + POWER BANK
3-PACK
Area light that charges phones.
ITEM # V0-DOR-1500
3-pack



DIEHARD
375 LUMEN MOTION HEADLAMP
3-PACK
USB-C, motion activated.
ITEM # V0-DOR-41-6642-PK3
3-pack



DORCY
1300 LUMEN ULTRA HD SPOTLIGHT
2-PACK
With power bank.
ITEM # V0-DOR-1300
2-pack



DORCY
PRO 1000 LUMEN HEADLAMP
3-PACK
Rechargeable, IPX4.
ITEM # V0-DOR-1000
3-pack



DORCY
ULTRA HD 650 LUMEN HEADLAMP
3-PACK
Rechargeable, motion sensor.
ITEM # V0-DOR-41-4337-PK3
3-pack



DORCY
300 LUMEN MOTION HEADLAMP
6-PACK
Motion sensor.
ITEM # V0-DOR-41-2104-PK6
6-pack



DORCY
ULTRA HD FOLDABLE WORK LIGHT
6-PACK
Magnetic base, hook.
ITEM # V0-DOR-41-4343
6-pack



TOILET SYSTEM · PRIVACY SHELTER · WASTE KITS · REFILLS · HYGIENE

FIELD PORTABLE SANITATION

When an earthquake, hurricane or flood takes out water and sewer, a deployed team still needs a clean, private latrine on day one. The Cleanwaste GO Anywhere system puts the whole latrine in one backpack, and the consumables keep it running for the length of the deployment.

Cleanwaste | Reliance | Potty Pack | Adventure Ready | GoGirl | XMRE

THE WHOLE LATRINE // IN ONE BACKPACK

The Cleanwaste GO Anywhere Portable Toilet System: toilet, privacy shelter, waste kits and a padded pack with separate compartments for clean and used kits.



CLEANWASTE

GO ANYWHERE PORTABLE TOILET SYSTEM

CAPACITY	SYSTEM	KITS	SHELTER
500 LB	19 LB	15	6′ 6″

Toilet, privacy shelter, 15 waste kits and a padded backpack — one package.

- Folding GO Anywhere toilet supports up to 500 lb and sits at standard toilet height with a standard bowl size
- 6 ft 6 in floorless privacy shelter — doubles as a private shower enclosure
- 15 GO Anywhere waste kits included; each gels solid and liquid waste and controls odor
- Padded, adjustable backpack with separate compartments for used and unused waste kits
- No holding tank or plumbing — deploy at a base of operations, staging area or work site

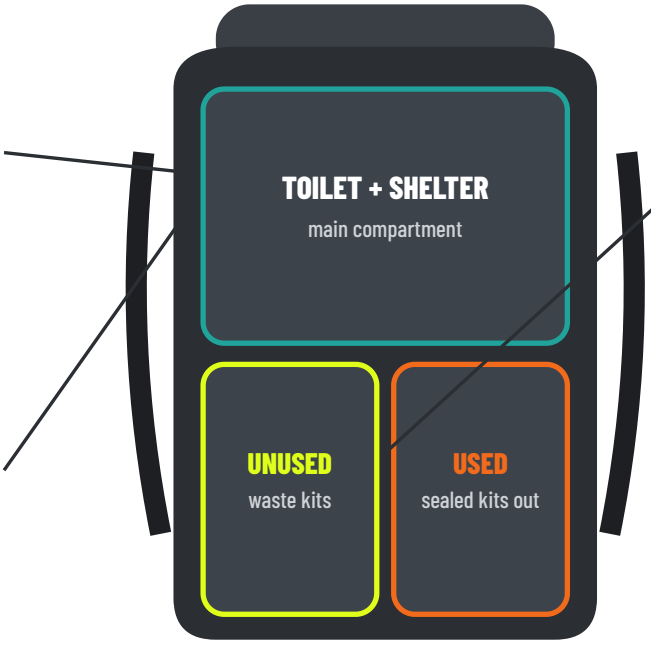
ITEM # VO-LM-358013



FOLDING TOILET · 500 LB



6 FT 6 IN PRIVACY SHELTER





15 WASTE KITS

gelling powder, TP & hand wipe in each

WHY TEAMS DEPLOY IT // DAY ONE TO DEMOB

Deployed teams often arrive where water and sewer are down. A latrine you can carry in, set up and pack out keeps the base of operations clean and the team healthy.

1. **PICK THE SPOT**
   Downhill and downwind of food, water and sleeping areas; firm, level ground.
2. **UNFOLD THE TOILET**
   The GO Anywhere toilet folds flat to 5 × 19 × 14 in. and opens to full height.
3. **LINE IT**
   Set a WAG BAG or Double Doodie bag in the bowl; the powder inside gels waste and controls odor.
4. **POP THE SHELTER**
   Snap poles, no assembly. Stake and tie the ground flaps in wind; hang supplies in the mesh pocket.
5. **SEAL & STOW**
   Zip the inner bag into its outer bag. Used kits go in the used compartment of the pack.
6. **DISPOSE**
   WAG BAG kits are landfill-approved under the maker's guidance; follow local and host-nation rules.

BUILD IT OUT OR REPLACE PARTS

Each part of the system is sold on its own, so you can add privacy stations, replace a damaged shelter or keep a spare toilet in a vehicle without buying another full system.



CLEANWASTE

GO ANYWHERE PORTABLE TOILET

500 LB · 7 LB

Folding toilet; standard height and bowl; one waste kit included.

ITEM # V0-LM-358012



CLEANWASTE

ORIGINAL WAG BAG WASTE KIT

12 OR 100

Inner bag with Poo Powder, zip outer bag, TP and hand wipe.

ITEM # V0-LM-358001 / 358000

SIZES 12-Pack · 100-Pack



CLEANWASTE

GO ANYWHERE PRIVACY SHELTER

6 FT 6 IN

Floorless 4×4 ft, flame-retardant nylon; doubles as a shower stall.

ITEM # V0-LM-358014

PRIVACY & DIGNITY

A private, enclosed latrine matters on long deployments with mixed teams. The shelter has screened windows with privacy flaps and a sealable top flap for a shower hose or light. Add the GoGirl female urination device (page 85) for standing use in the field.

PACK WITH IT

- Spare waste kits: 12- or 100-packs (page 84), or Double Doodie bags with Mini Poo Powder.
- Poo RePAIR deodorizer for the shelter and the used-kit compartment.
- Hand hygiene at the latrine: Clean Capsule soap and towelettes; Potty Pack kits for vehicles and go-bags.
- Light for night use: a headlamp or lantern from page 79 — the shelter top flap takes a hanging light.
- Stakes and ropes are included; add sandbags or extra stakes for high-wind sites.

CONSUMABLES & REFILLS // KEEP IT RUNNING

Waste kits, bulk gelling powder, deodorizer, toilet paper, personal hygiene and field meals.



CLEANWASTE

MINI BULK POO POWDER

55 USES

One scoop gels up to 21 oz; scoop included. Made in USA.

ITEM # V0-LM-358020



CLEANWASTE

POO REPAIR DEODORIZER

10 OZ

Non-aerosol, fragrance-free pump spray.

ITEM # V0-LM-358025



RELIANCE

DOUBLE DOODIE WASTE BAGS

6-PACK

Double-bag systems sized for portable toilets.

ITEM # V0-LM-341138

6-pack



POTTY PACK

SINGLE-USE TRAVEL TOILET KIT

10-PACK

TP, seat cover, wet wipe, sanitizer, hand wipe. Made in USA.

ITEM # V0-LM-600400

10-pack



ADVENTURE READY

TRAIL TOILET PAPER REFILL

4 ROLLS

Compact 2-ply rolls, 80 sheets each.

ITEM # V0-LM-375149

4-pack



ADVENTURE READY

CLEAN CAPSULE

SOAP + TOWELS

10 g soap flakes and 10 compressed towelettes in an aluminum case.

ITEM # V0-LM-375146



GOGIRL

FEMALE URINATION DEVICE

REUSABLE

Medical-grade silicone; storage tube. Made in USA.

ITEM # V0-LM-355550



XMRE

1300XT MEALS READY TO EAT

12 MEALS

About 1,300 calories each with flameless heater; 5-year shelf life.

ITEM # V0-LM-200601

case of 12

PLAN YOUR WASTE KITS

Kits needed = people × days × uses per person per day. Set the uses per day for your team; the table shows examples at 1 and 2. Waste kits come in 12- and 100-packs. With your own bags, one 55-use tub of Mini Poo Powder treats up to 21 oz. per scoop.

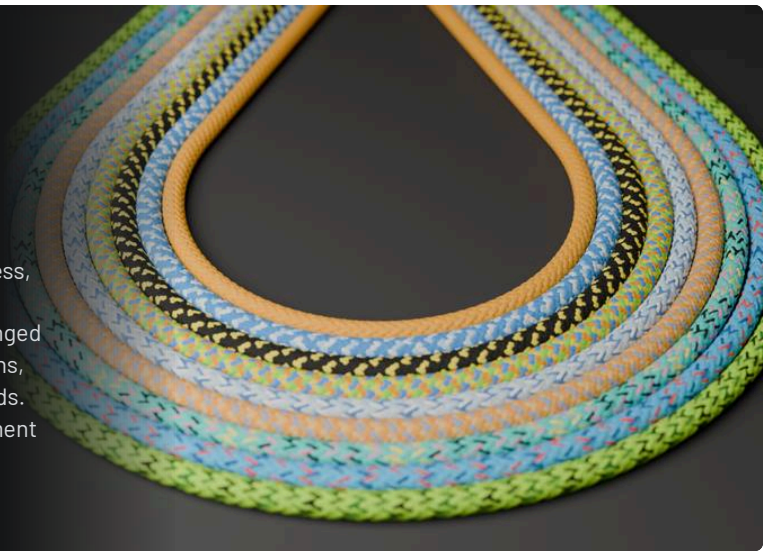
People	Days	Uses/day	Kits	Order
4	7	1	28	1 × 100-pack
4	7	2	56	1 × 100-pack
4	14	1	56	1 × 100-pack
4	14	2	112	2 × 100-pack
10	7	1	70	1 × 100-pack
10	7	2	140	2 × 100-pack
10	14	1	140	2 × 100-pack
10	14	2	280	3 × 100-pack
20	7	1	140	2 × 100-pack
20	7	2	280	3 × 100-pack
20	14	1	280	3 × 100-pack
20	14	2	560	6 × 100-pack

Example figures only — not a recommendation for your team. Use counts vary with diet, climate and mission.

VERTEX OUTFITTERS · TRAINING

TRAINING COORDINATION

Vertex Outfitters coordinates specialized safety, rope access, and technical rescue training through qualified training providers and experienced instructors. Programs are arranged according to customer requirements, existing qualifications, operational responsibilities, and applicable safety standards. Vertex also assists organizations with sourcing the equipment needed for training and field operations.



FALL PROTECTION & RESCUE AT HEIGHT

- OSHA-aligned fall protection training and practical workshops
- Rescue-at-height skills and emergency response procedures
- Customized workshops for personnel working at height, within their existing qualifications and responsibilities

CONFINED SPACE ENTRY & RESCUE

- OSHA-aligned confined space rescue training
- Practical confined space rescue workshops
- Confined space rope rigging and rescue techniques

TECHNICAL ROPE RESCUE

- NFPA 1006 technical rescue operations and technician-level programs
- Personal rope rescue skills training
- Rope techniques involving aerial ladders
- Customized technical rescue programs and practical skills workshops

SPRAT ROPE ACCESS TRAINING

- SPRAT rope access training and evaluation
- Training conducted at a specialized facility in Rhode Island
- Courses coordinated through qualified rope access instructors and independent evaluators
- Training at other locations may be arranged separately through qualified providers

PPE INSPECTION & EQUIPMENT TRAINING

- Competent PPE Inspector training
- Inspection procedures and equipment familiarization
- Manufacturer-specific equipment training and practical applications
- PPE Inspector training available at a Rhode Island training center or an appropriate customer location
- Competent Inspector certificates issued by KONG Italy

SPECIALIZED TRAINING

- Potential specialized instruction involving advanced rescue equipment and techniques through international manufacturer instructors
- Program availability, instructional scope, and location subject to individual coordination and confirmation

TRAINING COORDINATION & EQUIPMENT SUPPORT

Vertex Outfitters works with customers to identify training objectives, coordinate qualified instructors and training providers, and source associated safety and rescue equipment. Training content, prerequisites, certifications, locations, scheduling, and pricing are confirmed for each engagement. Training and certifications are delivered by qualified external providers, not Vertex Outfitters.

301-246-2336 **info@vertexoutfitters.net** **vertexoutfitters.net**

VERTEX OUTFITTERS

READY WHEN THE CALL COMES.

ORDER ONLINE

Every item in this catalog is on vertexoutfitters.net. Search any Vertex item number to go straight to the product, sizes and options.

TEAM & CACHE ORDERS

Building a task force cache, outfitting a rope team or replacing worn life-safety gear? Email **info@vertexoutfitters.net** or call **301-246-2336** with your list and we'll quote it.

GOVERNMENT BUYERS

Service-Disabled Veteran-Owned Small Business. Maryland VSBE #89150 · UEI WVWHBNHDUTW6 · CAGE 16MC9. We accept government purchase cards.

MORE CATALOGS

Personal Protective Equipment · Public Works, Utility & Linemen · Construction & Roofing · Spill Response. Email us and we'll send the PDF.

Rescue equipment is only as safe as the training behind it. Product information is general guidance taken from manufacturer data; always follow each manufacturer's instructions, NFPA 2500 and your agency's policies. Specifications can change — vertexoutfitters.net has the current listing. Vertex Outfitters is a DBA of GreyStone Group LLC.