



KNIGHT
SAFETY & INDUSTRIAL

Fall Protection



2024 Catalog

Understanding Fall Protection & Confined Space

Falls are the leading cause of accidents in the workplace...at the high cost of painful injuries, lost time, and lost money. Your workers must be protected. OSHA has established a variety of guidelines designed to involve both employers and workers in an ongoing effort to ensure workplace safety.

Building a Fall Protection Program

Identify Hazards

Whenever a worker is at a height of more than 4', a hazard exists. If the hazard cannot be removed, workers should be provided with and trained to use personal protective equipment.

Understand OSHA and ANSI Regulations

Regulations will vary, based on the workplace, the specific job performed, etc. It is important to know which regulations apply to your workers, and to comply at all times.

Write Your Fall Protection Plan

Your plan should consist of proper work, supervision, and rescue procedures, appropriate products to be utilized, and training responsibilities.

Select Your Fall Protection Products

Review the types and styles of products that are available, and determine which products are right for your workers.

Train Your Workforce

All workers should be trained to:

- Identify fall hazards
- Inspect and maintain their personal fall protection equipment
- Select appropriate equipment
- Identify suitable anchor points
- Observe proper tie-off procedures
- Properly use their equipment
- Implement rescue procedures

Product Categories for Fall Protection



Fall Arrest

Required if there is a risk of falling from a height of more than 4'

Components include:

- Personal Protective Gear – Ex.: Full Body Harness
- Connecting Device – Ex.: Shock Absorbing Lanyard, Self Retracting Lifeline, Fall Limiter
- Anchorage Point – Ex.: D-Bolt Anchor, Anchorage Strap, Beam Anchor, Wire Hook, Scaffold Choker



Positioning

Holds worker in place, leaving their hands free to perform tasks

Components include:

- Personal Protective Gear – Ex.: Full Body Harness with Side D-rings or Full Body Harness with Back D-Ring and Body Belt
- Connecting Device – Ex.: Rebar Assembly, Wall Form Hook Assembly, Adjustable Rope Lanyards
- Anchorage Point – Ex.: Rebar, Wall Form, Beam



Suspension

Lowest and supports workers, keeping their hands free for tasks

Components include:

- Personal Protective Gear – Ex.: Full Body Harness with Back D-Rings
- Connecting Device or Line – Ex.: 2-Way Tripod and Winch System with Backup Self-Retracting Lifeline or Staging Line with Rope Grab
- Anchorage Point – Ex.: Tripod, Davit Arm and Base, Ladder Mount System

Federal Safety Standards

OSHA 1926.501: This section sets forth requirements for employers to provide fall protection systems. All fall protection required by this section shall conform to the criteria set forth in 1926.502 of this subpart.

OSHA 1926.502: Employers shall provide and install all fall protection systems required by this subpart for an employee, and shall comply with all other pertinent requirements of this subpart before that employee begins the work that necessitates the fall protection.

Confined Space Protection

Although personal arrest and retrieval systems protect against falling and facilitate rescue in confined spaces, there are other hazards that may be present. Gases or fumes might build up, or there could be a lack of adequate ventilation. To check for the presence of gas, workers should use confined space gas monitors or detector tubes with a gas detector pump. When spaces require ventilation, electric or gasoline powered blowers with ducting will do the job. Special saddle vents are also available for manholes and tanks.

The Basics of Every Personal Fall Arrest System is Easy as A • B • C • D.

A

Anchorage Point – commonly referred to as a tie-off point, the structure that supports the fall protection system (ex: I-beam)

Anchorage Connector – used to join the connecting device to the anchorage point (ex. anchor strap)

B

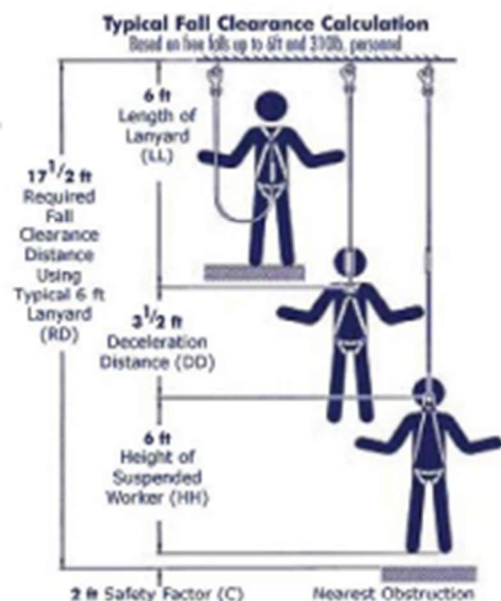
Body Harness – worn by the worker to connect him/her to the fall protection system

C

Connecting Device – attaches to the D-ring(s) of the body harness to join the worker to the anchorage connector (ex. self-retracting lanyard)

D

Descent/Rescue – a rescue plan of a fallen worker is a crucial and required part of all Fall Protection Programs (ex. winch system)



LL = Lanyard Length
DD = Energy Absorber Deceleration Distance (3.5 Ft Total)
HH = Height of the Harness Dorsal D-Ring from the Worker's Feet
C = Clearance to Obstruction During

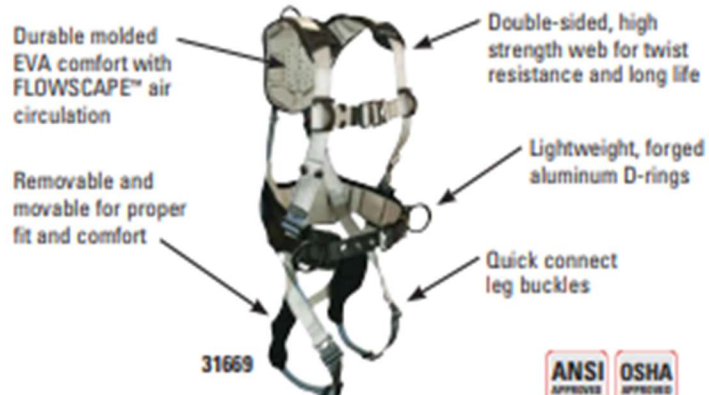
Fall Arrest (1 Ft Required Plus 1 Ft for D-Ring Movement and System Materials Stretch = 2 Ft Total)
RD = Required Distance Below Anchor Point to Nearest Obstruction
RD = LL + DD + HH + C

NSI Foreman and Foreman+ Full Body Harnesses

- EasyFit leg and chest straps feature 5-point adjustability, ensuring a comfortable fit
- Removable 4" waist positioning assembly and work belt can carry up to 3 tool bags
- Full-feature harness is equipped with (2)-lanyard keepers and 7½" StayPut shoulder pads
- **Foreman+** features comfortable, double-stitched back pad

Item# Description

- 28116 Foreman w/EasyFit Tongue Buckles, Back & Side D-Rings
 28115 Foreman+ w/EasyFit Tongue Buckles, Back & Side D-Rings
 Universal size fits most.



NSI Journeyman Full Body Harnesses

- Lightweight, electroplated aluminum D-rings optimize work positioning
- One-handed adjustments
- Built-in dorsal strap keeps D-ring in place
- Visi-Lock quick-connect buckles have visual indicator



Item# Description

- 197730 w/Tongue Buckle Leg Straps, Back D-Ring
 222570 w/Quick-Connect Leg Straps, Back D-Ring
 196015 w/Quick-Connect Leg Straps, Back & Side D-Rings
 222572 w/Quick-Connect Leg Straps, Back & Side D-Rings, & Back Belt

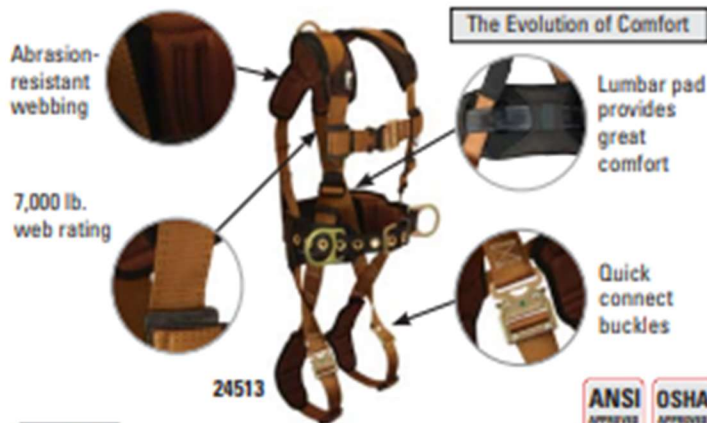
Please specify size: Item#s 197730 and 222570—(S), (XL), or (2XL); Item# 196015—(S), (M), (L), (XL), (2XL), or (3XL); Item# 222572—(S), (M), (L), or (XL).

NSI FlowTech™ Harnesses

- Patented FLOWSCAPE™ Technology keeps harness off the body
- Durable rip-stop and ballistic nylon pad assemblies and abrasion-resistant lycra lining assure long-lasting wear
- Aluminum D-rings, torso adjusters, and belt closure provide rugged performance
- Heavy-duty, single ply work belt with 9-position adjustments

Item# Description

- 31668 w/Back D-Ring and Quick Connect Buckles
 31669 w/Back & Side D-Rings and Quick Connect Buckles
 Please specify size: (M), (L), or (XL).



NSI ComforTech ACT

- Gel-infused shoulder and waist pads
- Alloy steel leg adjusters withstand tough conditions
- Pliable air mesh adapts to worker's movements for a customized fit



Item# Description

- 222573 w/Tongue Buckle Leg Straps, Back D-Ring
 222574 w/Visi-Lock Quick-Connect Leg Straps, Back D-Ring
 222575 w/Tongue Buckle Leg Straps, Back & Side D-Rings, Back Pad & Back Belt
 222577 w/Visi-Lock Quick-Connect Leg Straps, Back & Side D-Rings, Back Pad & Back Belt

Please specify size: (S), (M), (L), (XL), (2XL), or (3XL).

NSI COMFORTech Full Body Harnesses

- Unique combination of memory foam and gel padding
- Padding is removable and hand-washable for added convenience
- Nylon fabric resists abrasion, punctures, and tearing
- Quick-connect buckles are made from high strength alloy steel
- **Item# 24513:** lumbar pad provides great comfort

Item# Description

- 24512 w/Back D-Ring
 24513 w/Back & Side D-Rings

Please specify size: Small/Medium (SM) or Large/Extra Large (LXL).



Includes **FREE** carry bag



NSI Full Body Harness/Lanyard Combo

- Offers quality, durability, and one-piece convenience
- Harness:**
 - High strength webbing features 6,200 lb. minimum test strength
 - Mating buckle leg and chest straps offer easy donning
 - 5-point adjustability with front torso adjusters assure a comfortable, secure fit
 - Includes sliding back D-ring, lanyard keeper, and back side web torso strap
- Lanyard:**
 - 6' long with integral shock absorber
 - 1 1/2" tubular webbing
 - Stress-indicating safety tabs let user know when unit has been involved in a fall and should be removed from service
 - Includes free carry bag for added convenience

Item#

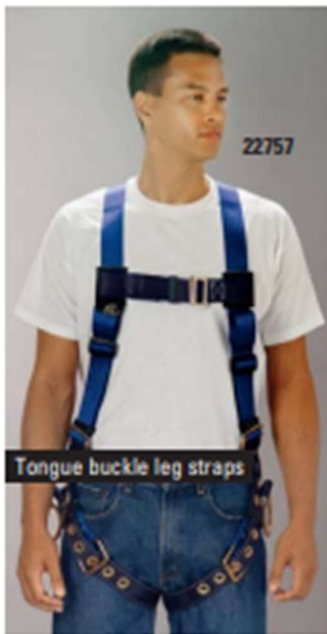
26979

Universal size fits most.



22754

Mating buckle leg straps



22757

Tongue buckle leg straps



Highlander® Premium Full Body Harnesses

- Get all the features you want in a harness at an incredible price
- Durable webbing features 6,800 lb. minimum test strength
- 5-point adjustability with friction buckle front torso adjusters
- High-vis red color provides added safety
- BackTrack torso keeper and color-coded straps assure easy donning
- Stress-indicating safety tabs alert user when harness has been involved in a fall and should be removed from service
- Includes twin lanyard keepers, sub-pelvic strap, and sliding back D-ring

Item# Description

22592	w/Mating Buckles, Back D-Ring
22593	w/Mating Buckles, Back & Side D-Rings
22594	w/Tongue Buckles, Back D-Ring
22595	w/Tongue Buckles, Back & Side D-Rings

Universal size fits most.



22595

22592

Tongue buckle leg straps

Mating buckle leg straps

NSI Highlander®

Full Body Harnesses

- 5-point adjustability, with friction buckle front torso adjusters, delivers a comfortable fit
- Equipped with lanyard keeper, mating buckle chest straps, and sliding back D-ring
- Webbing features minimum 6,200 lb. breaking strength
- Back side web strap and color-coded shoulder and leg straps ease donning
- Stress-indicating safety tabs let user know when harness has been involved in a fall and should be removed from service



Item# Description

22756	w/Tongue Buckles, Back D-Ring
22757	w/Tongue Buckles, Back & Side D-Rings
22754	w/Mating Buckles, Back D-Ring
22755	w/Mating Buckles, Back & Side D-Rings

Universal size fits most.



Trauma Relief Straps

- Helps prevent onset of suspension trauma injury after a fall
- 2-part system attaches easily to front torso straps of most full body harnesses
- Adjustable to fit most users, regardless of height
- Features continuous loop for both feet, improving stability and allowing the user to shift as needed for comfort



Brings relief and eases strain after a fall

Item#

13676



DuraTech® 6' Mini Web Self-Retracting Devices

- Compact size offers user comfort
- Swivel eye connectors reduce lifeline leg twisting
- Internal locking pawls provide quick, positive stopping action
- Abrasion-resistant Dyneema® webbing and impact-resistant housing assure longer service life
- Integral shock absorber limits fall arrest forces
- Impact indicator alerts user unit has been involved in a fall and should be removed from service

Item#	Description
Single Leg:	
160887	Swivel Eye and Alloy Steel Snap Hook
160891	Swivel Eye and Alloy Steel Rebar Hook
160908	Swivel Eye and Aluminum Carabiner & Rebar Hook
160910	Aluminum Carabiner and Aluminum Captive Eye Carabiner
Twin Leg:	
160913	Carabiner w/Alignment Clip and Alloy Steel Snap Hooks
160918	Carabiner w/Alignment Clip and Alloy Steel Rebar Hooks
160922	Carabiner w/Alignment Clip and Aluminum Rebar Hooks
160923	Carabiner w/Alignment Clip and Aluminum Captive Eye Carabiner



NSI Duratech 9' Leading Edge Personal Self-Retracting Lifelines

- Lightweight, impact-resistant nylon polymer housing
- For overhead anchorage and up to 5' below the user's D-ring
- 310 lb. maximum user capacity

Item#	Description
Single Leg:	
319559	w/Steel Snap Hook
319562	w/Steel Rebar Hook
319570	w/Aluminum Rebar Hook
319571	w/Aluminum Carabiner
Twin Leg:	
319572	w/Steel Snap Hooks
319573	w/Steel Rebar Hooks
319574	w/Aluminum Rebar Hooks
319575	w/Aluminum Carabiners



NSI DuraTech® Leading Edge SRL with Side Lead Out

- Provides functionality for jobs that require a foot-level or elevated anchor point and a Leading Edge lifeline
- Offers a smooth cable payout and retraction, reducing nuisance lock-up and allowing workers to move effortlessly on the jobsite
- Features a dual deceleration system, including an internal inertial brake and external energy absorber
- External energy absorber includes patented ViewPack® cover
- Housing is constructed with rugged, lightweight aluminum and is stackable
- Equipped with extra large, double locking anchorage carabiner and load-indicating swivel snap hook
- 1/2" galvanized steel cable



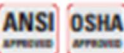
Item#	Description
292538	15' w/Swivel Snap Hook
292540	20' w/Swivel Snap Hook
292541	30' w/Swivel Snap Hook
292542	60' w/Swivel Snap Hook

These products do not qualify for free shipping.



NSI 20' Contractor Web Self-Retracting Lifeline

- Dyneema® webbing resists cuts and abrasion
- Compact and durable
- External energy absorber reduces fall forces
- Limits fall arrest forces to 900 lb. and deceleration distances under 24"
- Ideal for applications where clear fall distances are limited
- Weighs only 4 lb.
- Load-indicating swivel carabiner



Item#	Description
324254	20' Web

NSI Contractor Cable Self-Retracting Lifelines

- 3/16" galvanized steel cable is rated at 4,000 lb.
- Alloy steel frame offers superior strength and durability
- Lightweight and durable
- Limits fall arrest forces to 900 lb. and keeps deceleration distances under 24"
- Swivel carabiners have 3,600 lb. gate strength



Item#	Cable Length	Item#	Cable Length
30987	20'	30989	50'
30988	30'		

NSI Contractor Leading Edge Self-Retracting Lifelines

- Dual-deceleration system reduces the risk of cable failure in a fall event on a sharp or leading edge
- Inertial brakes and locking pawls combined with external energy absorber assure reliable protection
- Heavy-duty, 3/16" galvanized steel cable increases cut resistance
- Glass-filled polycarbonate housing prolongs service life
- May be used as a traditional SRL for overhead anchorage options or in below harness D-ring anchorage conditions
- 310 lb. maximum user capacity



Item#	Description
292535	20' w/Swivel Connector and 3/4" Steel Carabiner
183563	30' w/Swivel Connector and 3/4" Steel Carabiner
183565	50' w/Swivel Connector and 3/4" Steel Carabiner

These products do not qualify for free shipping.





NSI Shock Absorbing Lanyards

- 6' lanyard with integral shock absorber provides an effective alternative to traditional shock packs
- 1 1/4" tubular webbing employs minimum 6,000 lb. breaking strength



Item#	Description
27131	w/2 Locking Snap Hooks
27132	w/Locking Snap Hook and Rebar Snap Hook
27133	100% Tie-Off w/3 Locking Snap Hooks
27134	100% Tie-Off w/Locking Snap Hook and 2 Rebar Snap Hooks



NSI Elastic Shock Absorbing Lanyards

- Expands from 4 1/2'-6' to reduce trip hazards
- Keeps fall arrest forces below 900 lb. and deceleration distances under 42" for optimum safety
- Internal shock absorber provides an excellent alternative to traditional shock packs
- 1 1/4" tubular polyester web employs a minimum 8,500 lb. breaking strength
- Durable construction resists abrasion and UV degradation for long-lasting use



Item#	Description
27135	w/2 Locking Snap Hooks
27136	w/Locking Snap Hook and Rebar Snap Hook
27137	100% Tie-Off w/3 Locking Snap Hooks
27138	100% Tie-Off w/Locking Snap Hook and 2 Rebar Snap Hooks

NSI Gear Bag

- Rugged bag keeps your equipment in one place
- Now all your safety gear can be safely stowed away together
- Durable canvas bag features adjustable shoulder strap



Item#

31677



Reliable Protection...
Great Price

NSI Rope Grab and Vertical Lifeline System

- **Rope Grab:** alloy steel construction with yellow cadmium plating assures long-lasting use
- Features 2" connector ring for greater safety and compatibility
- Hinged double-locking safety mechanism with directional indicator prevents improper attachment to lifeline
- Gravity-operated cam mechanism locks rope grab onto lifeline when a fall occurs
- Only for use with 3/4" polyester rope
- **Shock Absorbing Lanyard:** features heavy-duty 1" web, ClearPack shock absorber, and 2 locking snap hooks for connection to rope grab and harness
- **Vertical Lifelines:** 3/4", 3-strand polyester rope is equipped with double locking snap hook and opposite taped end
- Steel thimble resists wear

Item#	Description	ANSI APPROVED	OSHA APPROVED
23291	Self-Tracking Rope Grab		
27016	3' Shock Absorbing Lanyard		
27017	30' Lifeline		
27018	50' Lifeline		
27019	100' Lifeline		

NSI Anti-Panic Rope Grab with 3' Lanyard

- Fall arrester automatically locks onto the line in a fall event
- Anti-panic function places pressure on the lifeline should a user grip the lever in the open position
- Anti-inversion hinge cam prevents upside-down installation



Item#	Description	ANSI APPROVED	OSHA APPROVED
315506	w/Snap Hook		

NSI Hinged 3/4" Self-Tracking Anti-Panic Rope Grab

- Anti-panic function places pressure on the lifeline if the lever is gripped in the open position
- Hinged design allows installation at any point on the lifeline
- Cam-action braking design quickly locks on the lifeline to arrest a fall
- Tension roller and internal spring keep the device in position and provide mobility up and down the lifeline



Item#	Description	ANSI APPROVED	OSHA APPROVED
320378			

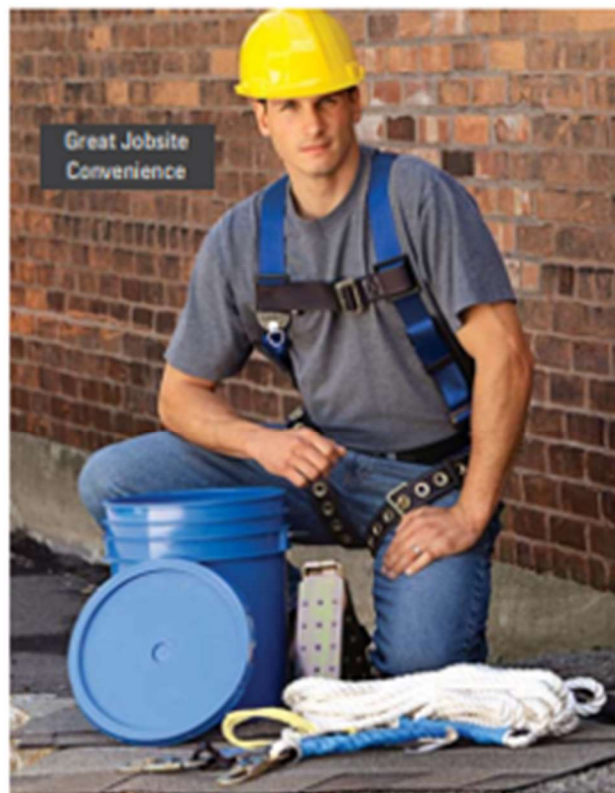
NSI Steel Carabiners

- Double-locking gate opening ensures secure, reliable connections
- Rugged, forged alloy steel construction
- Meets maximum strength requirements

Safe...
Strong...
Reliable



Item#	Opening	ANSI APPROVED	OSHA APPROVED
27008	3/4"		
27009	2 1/4"		



NSI Roofer's Kit

- Entire kit comes in waterproof 5-gallon bucket for convenient storage and easy handling
- Universal fit full body harness features 5-point adjustability, back D-ring, tongue buckle leg straps, and lanyard keeper
- $\frac{1}{2}$ " x 50' lifeline with double locking snap hook ensures safe mobility
- 3' lanyard with $\frac{1}{2}$ " self-tracking stainless steel rope grab provides reliable anchorage connections
- Includes 16d nails and hinged, reusable roof peak anchor

Item#

27152



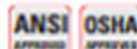
NSI Anchor Straps

- Pass-thru anchor strap features heavy-duty $1\frac{1}{2}$ " web sewn onto 3" wide wear pad
- Includes: (1) D-ring for fall arrester attachment, and (1) large D-ring for wrap around/pass-thru cinching

Item# Length

22581 3'

22582 6'



NSI Trailing Beam Anchor

- Designed for use on horizontal I-beams above or below the dorsal D-ring
- Features swiveling eye design, bronze inlays in the jaws and bar rollers, and high-strength aluminum construction
- No tools required to adjust
- Locking mechanisms are protected from accidental disconnection
- 5,000 lb. minimum breaking strength

Item# Fits Beams

320377 $3\frac{1}{2}$ "-14"



Fall Protection



NSI Roof Anchors

- Roof peak anchors provide reliable anchor points for roofers and other workers
- **Single** use: weather-resistant, durable plated carbon steel folds to fit roof peaks
- Remove or hammer flat and shingle over when finished
- **Permanent** use: stainless steel strap with alloy steel D-rings
- Conforms to roof peaks of $1/12$ or greater
- Shingle over for future use
- **Reusable**: hinged design is equipped with 180° angle range mounting capacity
- Features heavy-duty alloy steel plates and D-ring with weather-resistant coating
- Removable for future use
- **Chain**: features durable powder-coated steel anchoring plates and grade 80 chain
- Use with #14 x $3\frac{1}{2}$ " wood screws, $\frac{1}{8}$ " lag bolts, or 16d framing nails (not included). 5,000 lb. minimum breaking strength



Item#	Description	Item#	Description
13248	Single	23289	Reusable
23288	Permanent	160959	Chain



31177

NSI Beam Anchors

- **Item# 31177**: portable alloy steel and aluminum beam anchor is lightweight and durable
- SteelGrip latch provides easy installation and adjustments
- Alloy steel jaws and nylon slider pads assure smooth trailing behind user
- Ideal for overhead I-beam structures
- **Item# 4781**: recessed slider bearings deliver trailing action
- Aluminum jaws and bar offer lightweight mobility
- Dual adjustment with secondary locking rings provide proper centering on beam flange
- Both models have 5,000 lb. minimum breaking strength and maximum worker capacity of 400 lb. when used in overhead applications



4781

Recessed bearings allow easier sliding

Item# Description Fits Beams

31177 Trailing 4'-12'

4781 Trailing w/Recessed Bearings 3'-18'



Stand Up D-Ring



Mating Buckle Leg Straps



Tongue Buckle Leg Straps



Hassle-Free Donning!



Delta™ No-Tangle Full Body Harnesses

- Innovative ergonomic design offers great protection and optimum comfort
- Soft, flexible back pad enhances worker comfort for greater acceptance
- Forged steel back D-ring keeps worker upright during a fall for added safety
- **Front D-ring** harness: great for climbing
- **Side D-ring** harness: perfect for positioning



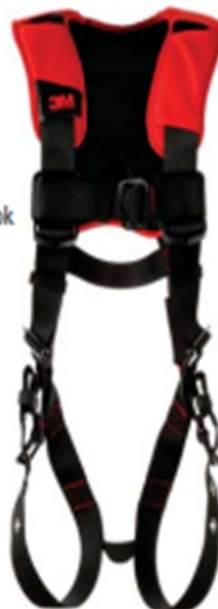
Item#	Description
8507	Vest Style, Back D-Ring, Tongue Buckle Leg Straps
8508	Vest Style, Back D-Ring, Pass-Through Leg Straps
8509	Cross-Over Style, Front & Back D-Rings, Pass-Through Leg Straps
8510	Cross-Over Style, Front, Back, & Side D-Rings, Pass-Through Leg Straps

Universal size fits most.



Comfort Vest-Style Harness

- Fixed D-ring reduces the need for readjustment during the workday
- Modern design gives harness a fresh and sleek look
- Moisture-wicking, breathable back padding with soft edging for added comfort
- Auto-resetting lanyard keepers allow fast and easy parking of snap hooks and carabiners
- Impact indicators make it easy to inspect the harness for prior damaging impact loads
- Protected labels for long-term identification and inspection
- Equipped with back D-ring, back padding, tongue-buckle leg connection, and pass-thru chest connection
- 420 lb. capacity



Item#

285819

Please specify size: Medium/Large (ML) or Extra Large (XL).



Delta™ Comfort Construction Harnesses

- Coated, corrosion-resistant hardware and abrasion-resistant webbing assure long-lasting durability
- Vent windows allow direct air contact, cooling the body
- Built-in shoulder, back, and leg padding provides comfortable wear
- Equipped with fixed back D-ring, lanyard keepers, and impact indicator
- Revolver™ vertical torso adjusters eliminate loose ends and lock into place to prevent slippage
- Labels are protected from the elements for added convenience
- i-Safe™ enabled



160835



Item# Description

160835	w/Back & Side D-Rings, Tongue Buckle Leg Straps, Belt & Back Pad
160837	w/Back & Side D-Rings, Mating Buckle Leg Straps, Belt & Back Pad

Please specify size: Medium (M), Large (L), or Extra Large (XL).



Comfort Construction Style Harnesses

- Easy link adapter allows for quick attachment of SRLs
- Fixed D-ring reduces the need for readjustment throughout the workday
- Foam hip pad with mesh provides extra comfort and breathability
- Moisture-wicking, breathable back padding with soft edging
- Durable and sturdy belt for tool bag-carrying convenience
- Auto-resetting lanyard keepers are designed for fast and easy parking of snap hooks and carabiners
- Impact indicators make it easier to inspect the harness for prior damaging impact loads
- Labels are protected for long-term identification and inspection
- Equipped with back and side D-rings, back/hip padding, tongue-buckle leg connection, and pass-thru chest connection
- 420 lb. capacity



Easy Link Adapter



Item#

285810

Please specify size: Medium/Large (ML) or Extra Large (XL).





ExoFit NEX™ Climbing Harness

- Front D-Ring assists with climbing applications
- Revolver™ vertical torso adjusters and memory-fit adjustment system prevent webbing from slipping and controls excess webbing
- Repel™ Technology resists moisture and adds durability
- Lightweight Tech Lite™ aluminum D-rings deliver optimum security
- Breathable lining keeps user drier and more comfortable
- Built-in, non-slip shoulder, hip, and leg padding provides secure wear
- Equipped with integral suspension trauma straps and Duo-Lok™ quick connect buckles

Item# Description

13680 w/Back & Side D-Rings

Please specify size: (M), (L), or (XL).



ExoFit™ Plus Comfort Harnesses

- Shoulder, back, and leg padding improves worker comfort
- Reflective material enhances visibility in low-light conditions when illuminated by a light source
- Fixed dorsal D-ring helps maintain proper dorsal D-ring position and reduces the need to readjust during the workday

Item# Description

314601 w/Back D-Ring,
Quick Connect Leg Straps

314603 w/Front, Back, & Side D-Rings,
Quick Connect Leg Straps

Please specify size: M, L, or XL. These products are shipped directly from the manufacturer.



ExoFit™ Harnesses

- Single piece of material in the shape of an X wraps around you for the ultimate in no-tangle donning and comfort
- Non-slip, cushioned shoulder pads relieve pressure, and in a fall, absorb shock and help distribute weight
- Quick release chest and leg buckles are fast, efficient, and completely secure
- Torso buckles adjust easily and hold straps firmly in place
- Aerospace™ Dri-lex® lining draws moisture away, keeping workers drier
- Item# 12978: vest-style harness allows user to carry tools and is ideal for construction applications
- Features sewn-in hip pad and removable body belt
- 420 lb. weight capacity

Item# Description

19655 w/Back D-Ring

19656 w/Back & Side D-Rings

12978 Construction Style w/Back & Side D-Rings, Removable Body Belt

Please specify size: M (170-250 lb.) or L (250-310 lb.).



ExoFit NEX™ Full Body Harness

- Duo-Lok™ quick connect buckles allow fast, one-handed use
- Revolver™ vertical torso adjusters eliminate loose ends and lock into place to prevent slippage
- Tech-Lite™ lightweight alloy D-rings provide a high level of security and comfort and are an industry first
- Built-in pocket conveniently holds and protects a cell phone, camera, or other items
- Moisture-wicking, breathable hybrid padding adds comfort and features water-repellent technology web
- Reflective material on legs, chest, shoulders, and back offers greater visibility
- Molded lanyard keepers eliminate tripping hazards
- Stand-up, spring-loaded dorsal D-ring eases connections
- Suspension trauma straps on both sides provide post-fall relief
- i-Safe™ and labels are Velcro®-covered for protection and easy access
- 420 lb. weight capacity

All the Features, Comfort, and Durability You Need



Item# Description

30675 w/Back D-Ring

Please specify size: (M), (L), or (XL).

Smart Lock Technology Features Advanced Retraction Control System

3M

SALA

Fall Protection

Leading Edge Smart Lock Self-Retracting Lifelines

- Using advanced motion capture, horizontal use is designed to reduce nuisance lockups when compared to previous generation SRLs
- Rugged, extremely lightweight thermoplastic housing with built-in ergonomic handle
- Equipped with $\frac{1}{8}$ " galvanized steel cable lifeline
- Highly-visible orange Leading Edge external energy absorber indicates the product is designed for sharp edge applications
- Patented magnetic retraction control system allows lifeline to retract smoothly
- Includes swiveling anchorage point and carabiner
- Patented dual label system located in ergonomic cable handle simplifies inspections
- Swiveling snap hook with impact indicator
- Connected safety RFID located in cable handle



ANSI APPROVED OSHA APPROVED

Item#	Description
278090	20' Galvanized Steel
278107	30' Galvanized Steel

These products are shipped directly from the manufacturer and do not qualify for free shipping.



3M

SALA

Fall Protection

Smart Lock Self-Retracting Lifelines

- Patented magnetic retraction control system
- Rugged and extremely lightweight thermoplastic housing features built-in ergonomic handle
- 4' fall clearance allows workers up to 310 lb. to meet OSHA's 1910 general industry rule
- Patented magnetic retraction control system allows lifeline to retract smoothly and hands-free
- Dual label system is located in cable handle to simplify inspections and reduce the need for replacement
- Includes swiveling snap hook with impact indicator, $\frac{1}{8}$ " cable lifeline, swiveling anchorage point, and carabiner
- Connected safety RFID is located in cable handle



ANSI APPROVED OSHA APPROVED

Item#	Description
278082	30' Galvanized Steel
278113	50' Galvanized Steel
278110	50' Stainless Steel

These products are shipped directly from the manufacturer and do not qualify for free shipping.

3M

SALA

Fall Protection

Smart Lock Connected Self-Retracting Lifeline

- Brake event notifications sent via a mobile web app and a service light on the SRL help improve incident reporting and response
- Time-stamped usage data of extensions, pawl locks, and brake events
- Provides equipment status and usage statistics from multiple SRLs
- Magnetic retraction control system allows lifeline to retract smoothly
- Patented dual label system located within ergonomic cable handle simplifies inspections
- Rugged yet lightweight thermoplastic housing with ergonomic handle
- Equipped with 3M™ Connected Safety ID (CSID), a pre-programmed RFID tag that makes it easier to track and manage equipment using the 3M Inspection and Asset Management System
- 310 lb. maximum user capacity



320460



320471

Item#	Description
320460	30' Galvanized Steel
320465	30' Stainless Steel
320467	50' Galvanized Steel
320468	50' Stainless Steel

Leading Edge:

320471	20' Galvanized Steel
320469	30' Galvanized Steel

These products are shipped directly from the manufacturer and do not qualify for free shipping. Asset Management System available by subscription from 3M™.

ANSI APPROVED OSHA APPROVED

3M**PROTECTA**

Fall Protection

ANSI APPROVED OSHA APPROVED

160832

**Rebel™ Self-Retracting Web Lifelines**

- Durable, lightweight housing
- Quick-activating, speed sensing brake system
- 11' web lifeline
- Equipped with energy absorber and impact indicator

Item#	Description
160831	w/Swiveling Anchorage Loop & Carabiner on Housing, Snap Hook on Lifeline
160832	w/Swiveling Anchorage Loop & Carabiner on Housing, Swiveling 3/4" Snap Hook on Lifeline
160833	w/Swiveling Anchorage Loop & Carabiner on Housing, Steel Locking Rebar Snap Hook on Lifeline

Durable housing

No annual recertification required

ANSI APPROVED OSHA APPROVED

**3M****PROTECTA**

Fall Protection

Rebel™ Self-Retracting Cable Lifelines

- Retractable design reduces fall clearance and trip hazards
- 420 lb. capacity offers worker and tool carrying options
- Swivel carabiner has 3,600 lb. gate strength and built-in impact indicator

Item#	Description
31810	33' w/Galvanized Cable & Thermoplastic Housing
31811	33' w/Galvanized Cable & Aluminum Housing
31812	50' w/Galvanized Cable & Thermoplastic Housing
31813	50' w/Galvanized Cable & Aluminum Housing
31815	66' w/Galvanized Cable & Thermoplastic Housing
31816	85' w/Galvanized Cable & Thermoplastic Housing
31817	100' w/Galvanized Cable & Thermoplastic Housing

These products are shipped directly from the manufacturer.

3M**SALA**

Fall Protection

Protecta® 6' 100% Tie-Off Self-Retracting Lifelines

- Triple locking
- Thermoplastic housing
- Quick-activating, speed-sensing brake systems

Item#	Description
164792	w/Steel Swiveling Snap Hook
164793	w/Steel Snap Hooks
164794	w/Steel Rebar Hooks

These products are shipped directly from the manufacturer.

▲ **WARNING: Cancer and Reproductive Harm—** www.P65Warnings.ca.gov

ANSI APPROVED OSHA APPROVED

3M**SALA**

Fall Protection

Fall Protection

Nano-Lok™ 6' Self-Retracting Lifelines

- 6' lifeline attaches to webbing, leaving dorsal D-ring open for other uses
- Snug fit eliminates annoying flopping
- Automatic, quick-activating arrester stops falling worker within inches, adding an extra measure of safety
- 420 lb. capacity for user and tools
- Ideal for direct connection to most harnesses

Only 1.6 lb.! You'll Hardly Notice it's There!

12489



ANSI APPROVED OSHA APPROVED

15% lighter and 30% smaller

Item#	Description
32384	Single SRL w/Anchor Loop and Aluminum Carabiner
32385	Single SRL w/Quick Connect Anchor and Steel Snap Hook
32386	Single SRL w/Cab Mount Anchor and Steel Snap Hook
32387	Twin SRL w/Quick Connect Anchor and Aluminum Rebar Hooks
12489	Twin SRL w/Quick Connect Anchor and Steel Rebar Hooks

3M**SALA**

Fall Protection

Nano-Lok™ Self-Retracting Lifelines

- Self-locking aluminum **Comfort Grip** has a 2 1/4" gate opening to allow safe tie-off in multiple orientations directly to various structures, keeping user's hand out of the way
- 3/4" Dyneema® fiber web reduces overall weight
- Retractable design provides freedom of movement and reduces dragging, snagging, and trip falls
- Impact-resistant thermoplastic housing
- Quick-activating, speed-sensing brake systems protect at lower heights
- Visual indication that unit has been involved in a fall
- Built-in RFID tag

Item#	Description
219588	6' Single SRL
219587	6' Single SRL w/Quick Connect Harness Attachment
219584	6' Twin SRL w/Fixed D-Ring Attachment
219585	6' Twin SRL w/Quick Connect Harness Attachment
219586	9' Twin SRL w/Quick Connect Harness Attachment

ANSI APPROVED OSHA APPROVED



219586

3M

SALA
Fall Protection

8' Nano-Lok™ edge Self-Retracting Lifelines

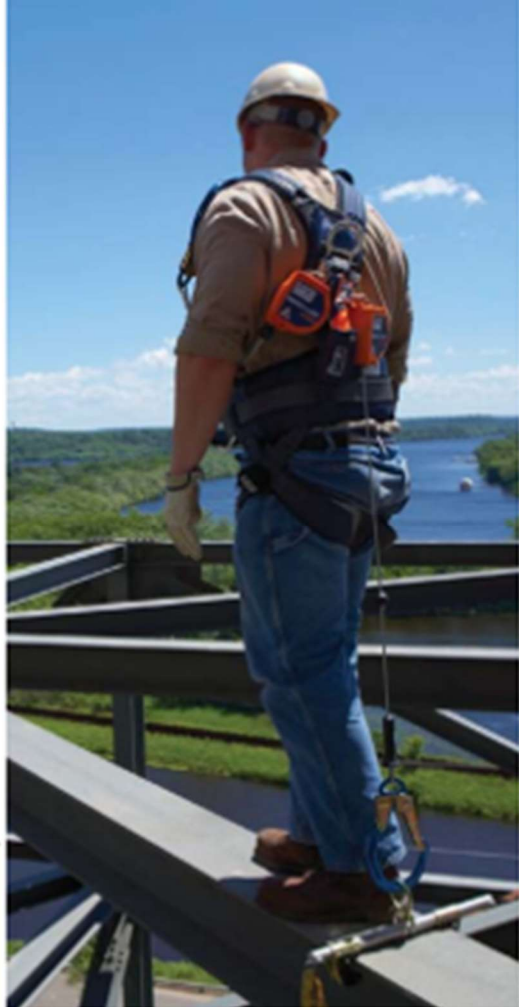
- Ergonomic SRL is specially designed for foot-level tie-off and sharp edge applications
- Rugged housing provides durability
- Equipped with easy-to-install connectors, backpack-style energy absorber, and tough, yet flexible 3/4" galvanized cable lifeline



Great for foot level tie-off

ANSI APPROVED OSHA APPROVED

Item#	Description
20580	Single SRL w/Steel Snap Hook
20582	Single SRL w/Steel Rebar Lock Hook
20584	Twin SRL w/Steel Snap Hooks
20586	Twin SRL w/Steel Rebar Lock Hooks
20588	Single SRL w/Aluminum Rebar Hook
20590	Twin SRL w/Aluminum Rebar Hooks



Rugged and Safe

3M

SALA
Fall Protection

Sealed-Blok™ Self-Retracting Lifelines

- Environmentally-sealed, dynamic components ensure efficient, safe operation under harsh conditions
- Spring tensioned cable extends and retracts, allowing freedom of movement
- In the event of a fall, speed sensing brake system activates, stops the fall, and reduces forces imposed on user to 900 lb. or less
- Features anti-ratcheting locking system, Saflok™ anchorage connector, reserve lifeline system, and carry handle
- Fast-Line™ lifeline system allows lifeline to be replaced in the field, reducing down time
- Includes 3/4" galvanized steel cable, self-locking swivel snap hook, and impact indicator
- Equipped with i-Safe™



ANSI APPROVED OSHA APPROVED CSA APPROVED

Item#	Description
93898	50' Galvanized Steel Cable
93899	85' Galvanized Steel Cable
93900	85' Stainless Steel Cable

Carabiner not included.



3M

SALA
Fall Protection

Nano-LOK XL

- Impact-resistant thermoplastic housing
- Speed-sensing brake system provides as low as 6' required fall clearance
- Swiveling anchorage loop limits lifeline twisting for smooth operation
- Dyneema® fiber and polyester web lifeline
- Retractable design helps provide freedom of movement
- High-capacity external energy absorber designed for users and tools up to 420 lb.
- Impact indicator provides a visual alert that the SRL has been involved in a fall

ANSI APPROVED OSHA APPROVED

Item#	Description
320450	9' w/Steel Snap Hook
164719	11' w/Swiveling Anchor Loop & Aluminum Carabiner
320449	9' w/Aluminum Carabiner
320431	20' w/Steel Snap Hook
320432	30' w/Steel Snap Hook
320434	20' w/Steel Carabiner
320436	20' w/Stainless Steel Swivel Hook

Trusted Lanyard Technology

Stronger, lighter, and more durable than ever

220034



Fall Protection

EZ-STOP™ 6' Lanyards

- Repel™ webbing resists chemical, water, abrasion, and cut resistance
- Innovative shock absorber and thin webbing reduce weight and bulk
- State-of-the-art rebar and snap hooks are lightweight, yet super strong
- Hi-vis reflective material keeps you safe in low light conditions



Item#	Description
12528	3/4" Web w/2 Steel Snap Hooks
12530	3/4" Web w/Aluminum Snap Hook and Rebar Hook
12532	3/4" Adjustable Web w/Steel Snap Hooks
12534	Vinyl Covered Cable w/2 Steel Snap Hooks
12537	3/4" Web w/Aluminum Snap Hook and 2 Aluminum Rebar Hooks
220034	100% Tie-Off w/Comfort Grip Snap Hooks
220035	3/4" Web w/Comfort Grip Aluminum Snap Hook and Rebar Hook



12557

12587



Fall Protection

EZ-Stop™ Tie-Back Lanyards

- Advanced Repel™ webbing delivers optimum chemical, abrasion, and cut resistance for long-lasting use
- Low profile size and ultra-thin webbing reduce weight and bulk for the user, encouraging maximum productivity and compliance
- Equipped with high visibility striping, and floating D-ring for tie-back
- Redesigned, lightweight yet durable rebar and snap hooks



Item#	Description
Single Leg:	
12557	w/Steel Snap Hooks
12572	w/Aluminum Snap Hook and Rebar Hook
12576	w/Steel Snap Hook and Rebar Hook
Twin Leg:	
12585	100% Tie-Off w/3 Steel Snap Hooks
12587	100% Tie-Off w/Aluminum Snap Hook and 2 Rebar Hooks
12589	100% Tie-Off w/Steel Snap Hook and 2 Rebar Hooks



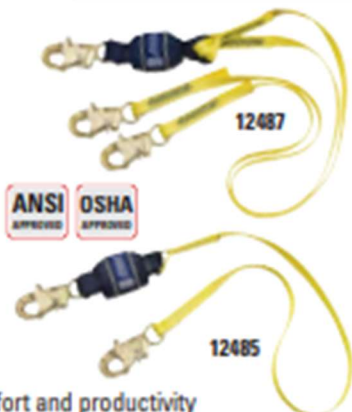
Fall Protection

FORCE2™ 6' Lanyards

- OSHA approved to use where there is no overhead anchorage and the only option is to tie off at your feet
- Repel™ webbing provides high resistance to cuts, abrasion, water, and chemicals
- Ultra small, yet reliable shock absorber and webbing reduce weight and bulk, increasing comfort and productivity
- Rated for 310 lb. for 12' free fall and up to 420 lb. for a 6' free fall



Item#	Description
12485	Single Leg w/Steel Snap Hooks
12487	100% Tie-Off w/Steel Snap Hooks



12487

12485



Fall Protection

Patented webbing repels water

Shockwave 2™ Shock Absorbing Lanyards

- Stretches from 4'-6'
- Abrasion-resistant tubular webbing protects energy-absorbing inner core
- Features self-locking snap hooks
- Impact indicator allows user to visually inspect lanyard for a fall
- Limits arresting forces to 900 lb. or less



Item#	Description
27145	w/3/4" Self-Locking Snap Hooks
8836	100% Tie-Off w/3/4" Snap Hooks
27146	w/Self-Locking Snap Hook and 2 1/4" Rebar Snap Hook
220040	100% Tie-Off w/Comfort Grip Snap Hook and 2 1/4" Rebar Snap Hooks
220041	w/Comfort Grip Snap Hook and 2 1/4" Rebar Snap Hook



220040



4205

4207



Fall Protection

WrapBax™ 2 6' Tie-Back Shock Absorbing Lanyards

- Eliminates the need for an anchor
- Heavy-duty webbing provides five times more abrasion resistance
- Built-in web guide directs the webbing into the open hook for simple, quick connection
- Unique hook design is easily differentiated from standard lanyards, eliminating confusion and ensuring proper use
- 5,000 lb. hook capacity from every direction, including the gate
- Limits arresting forces to 900 lb. or less



Item#	Description
4205	w/2 Locking Snap Hooks
4207	Twin Leg 100% Tie-Off w/3 Locking Snap Hooks

Fall Protection



3550

8385

8389

Safe, Reliable
Connections

Fall Protection

Anchorage Connectors

Provides an anchorage connection for your fall protection system.

- **Tie-Off Straps** with pass through D-ring, are designed to wrap around a beam or similar structure
- **Scaffold Choker** with sewn-on loop and D-ring ensures a safe tie-off while working on scaffolding
- **D-ring with Anchorage Plate** can be bolted or welded to a structure for a permanent anchorage point

Item#	Description
3550	3' Tie-Off Strap
8383	6' Tie-Off Strap
8385	Scaffold Choker w/D-Ring
8389	D-Ring w/Anchorage Plate

Fall Protection

Sliding Beam Anchor

- Hands-free mobility
- Weighs only 3.5 lb.
- High strength, corrosion-resistant steel and aluminum construction
- Rotating D-ring tie-off point is fixed in center
- Easy-to-use dual ratcheting adjustment buttons
- Wear pads eliminate metal-to-metal contact
- Fits I-beams from 3 1/2" - 14"W, up to 1 1/2" thick
- Rated for user capacity up to 420 lb.

Item#	Description
310726	

Fall Protection

Steel Carabiners

- Provides a secure connection to anchorage points
- Carabiners are self-closing and self-locking with a minimum strength of 5,000 lb.

Item#	Description
24832	3/4" opening
24833	1 1/4" opening
24834	2" opening

24834

24833

24832

Lad-Saf® Ladder Safety System

- 2-user, galvanized steel vertical lifeline safety system meets the new ANSI Z359.16 standard
- Includes the top and bottom brackets, 20' of swaged 3/8" 1x7 galvanized steel cable, and (2)-guides
- Re-engineered to simplify and speed up the installation process, weighing less and with 72% fewer loose parts than previous models
- Top bracket provides 100% tie-off capability through an integrated fall arrest-rated anchor point rated to 3,600 lb.
- Ideal for billboards and ladders, with mounting brackets that can be used on a variety of fixed ladder styles that may have different rung spacings and shapes
- Weight capacity: 620 lb.
- Meets OSHA 1910.140 and 1926.502, when used with the Lad-Saf X3 Detachable Cable Sleeve and Lad-Saf X2 Detachable Cable Sleeve (sold separately)

Item#	Description
274933*	System w/20' Cable
274934*	System w/30' Cable
274936*	System w/40' Cable
274944*	System w/50' Cable
284016*	System w/60' Cable
284017*	System w/70' Cable
181695	Cable Sleeve
24832	SAFLOK® Carabiner
8509	Full Body Harness



181695



24832



Fall Protection

*This product is shipped directly from the manufacturer and does not qualify for free shipping. Optional mountings available. Please call for details.



Horizontal & Vertical Safety Nets

- **Horizontal Net:** enlarges or reduces as needed
- Quick-adjust buckle releases reduce sag
- Features 3 1/2" mesh for optimum protection
- Steel snap hooks every 48" allow nets to be connected
- UV-protected and abrasion-resistant for long-lasting use
- Available with liner to catch and retain small objects and debris
- Complies with ANSI and OSHA standards
- **Vertical Net:** complete, cost-effective debris containment and guardrail system
- 1/2" openings retain small debris
- Easy to install, remove, relocate, and store
- UV-protected and flame-retardant
- Complies with OSHA standards
- All nets include clips and tie-down plates

Item#	Description	Item#	Description
Horizontal Nets:			
8401	15' x 30'	Vertical Nets:	
8402	20' x 40'	8407	48' x 100'
8403	25' x 50'	8408	66' x 100'
8404	15' x 30' w/Liner	8409	Attachment Kit
8405	20' x 40' w/Liner		
8406	25' x 50' w/Liner		

These products are shipped directly from the manufacturer and do not qualify for free shipping. Cable not included.

Fall Protection

EZ-Clip

3M

SALA

Fall Protection



30946



30949

Ultra-Lok™ RSQ Self-Retracting Lifeline with Rescue

- Innovative lifeline lets the user choose rescue method prior to connecting unit to the full body harness
- 50' lifeline extends and retracts automatically, enabling the user to be protected while moving around the work area
- **How it works should a fall occur:**
 Fall Arrest Mode: a speed-sensing brake stops the fall, reduces forces imposed on the user to safe levels of 900 lb. or less and allows for an assisted rescue to take place
 Automatic Rescue Mode: a speed sensing brake stops the fall as in Fall Arrest Mode, then a centrifugal brake instantly activates, lowering the user to the next level or ground at a controlled speed
- Durable reinforced housing features a convenient, built-in carry handle
- i-Safe™ Intelligent Safety System is built into every unit to track inspections, control inventory, and manage information
- **First Man Up Pole** adjusts from 6'-12' to assist in rescues

ANSI APPROVED OSHA APPROVED

Item#	Description
30946	50' Galvanized Steel Cable
30947	50' Stainless Steel Cable
30948	50' Stainless Steel Cable and Snap Hook
30949	First Man Up Pole w/Assisted Rescue Tool

These products are shipped directly from the manufacturer and do not qualify for free shipping.

3M

SALA

Fall Protection

ANSI APPROVED OSHA APPROVED

Rollgliss™ R550 Rescue and Descent Device

- Emergency rescue and evacuation from elevated work areas
- Bidirectional design enables multiple rescues
- Corrosion-resistant construction is compact yet lightweight
- Features built-in rescue lifting wheel, 100' x 3/8" kernmantle rope lifeline, and integrated rope ears
- Dual brake design adds safety
- Equipped with i-Safe™
- Rated for up to 1,640' height for one user, 575' for two users

Item#

160830

This product is shipped directly from the manufacturer and does not qualify for free shipping.



3M

SALA

Fall Protection

Rollgliss® Synthetic Rescue Ladder

- Provides assisted rescue after a fall
- Rigid, reinforced rungs eliminate stress on the knees and feet
- Lightweight construction ensures easy storage and transportation to the jobsite
- Includes (3) carabiners for fast anchorage to a structure
- **Mounting plate:** mounts rescue ladder to a davit arm or single anchorage point, making it ideal for confined entry systems



28193

28192



Steps are staggered for faster, easier climbing

Item#	Description
28192	Ladder
28193	Mounting Plate



3M

SALA

Fall Protection

Provides relief to worker waiting for rescue

Suspension Trauma Safety Straps

- Allows worker who's fallen to stand up in his/her harness to relieve pressure from being suspended
- Convenient accessory can be attached to most harness brands
- Lightweight, compact design stays out of the worker's way until needed
- Deployment and operation are fool-proof—simply unzip and hook straps together
- Continuous loop design allows for either one or two foot suspension relief without any pinching

Item#

28206

Fall Protection

Leading the Way in Comfort and Innovation



ANSI APPROVED OSHA APPROVED CSA APPROVED

Miller Revolution™ Harnesses

- **DualTech™ Webbing:** two-sided, contrasting color webbing and textures make donning easy
- **ErgoArmor™ Back Shield:** stand-up back D-ring simplifies connection of lanyards and SRLs
- **PivotLink™ Connection:** ergonomic fit with innovative hip rotation provides attachment point for belts, tools, and accessories
- **Cam Buckles:** easy, one-hand adjustment/release allows simultaneous adjustment of shoulder straps
- **Web Finials:** clip-on design with positive gripping surface safely organizes webbing after proper adjustment
- **Self-Contained Label Pack:** integrated, conveniently located pack minimizes damage to and loss of labels
- **Integrated Accessory System:** provides additional attachment points (Please shop northernsafety.com for accessories.)

Item#	Description
23501	w/Quick-Connect Leg Straps, Back D-Ring
23502	w/Tongue Buckle Leg Straps, Back D-Ring

Universal (L/XL) size fits most.

Honeywell
MILLER

Honeywell Titan™ II Full Body Harnesses

- Offers easier adjustability that stays in place
- Equipped with slip-resistant back D-ring pad
- Choose **back D-ring** harness for fall arrest or **back D-ring and side D-rings** style for fall arrest and positioning

ANSI APPROVED OSHA APPROVED CSA APPROVED



w/Tongue Buckles

w/Mating Buckles

Item#	Description
180112	Mating Buckles, Back D-Ring
180113	Mating Buckles, Back and Side D-Rings
180114	Tongue Buckles, Back D-Ring
180115	Tongue Buckles, Back and Side D-Rings

Universal size fits most. 15 per case.



Honeywell
MILLER

ANSI APPROVED OSHA APPROVED CSA APPROVED

Miller AirCore™ Harnesses

- Lightweight—up to 10% lighter than similar competitive harnesses
- Contoured, ergonomic padding design minimizes contact around a worker's neck, lower back, and inner thighs, reducing chafing and irritation
- Patented DuraFlex® stretchable webbing offers greater flexibility and mobility
- Knitted mesh membrane minimizes moisture absorption and maintains optimal air circulation
- Cam buckles provide easy, one-hand adjustment and hold webbing firmly in place with no readjusting required

Item# Description

9075	w/Tongue Buckle Leg Straps, Back D-Ring
9077	w/Quick Connect Leg Straps, Back D-Ring
9079	w/Tongue Buckle Leg Straps, Back and Side D-Rings
9081	w/Quick Connect Leg Straps, Back and Side D-Rings
9083	w/Quick Connect Leg Straps, Back and Side D-Rings, and Belt

Universal size fits most.

DuraFlex® Stretchable Full Body Harnesses

Honeywell
MILLER

- Webbing stretches with the worker for greater mobility with less fatigue
- Back D-ring pad is soft and flexible to enhance comfort
- Features sub-pelvic strap and shoulder straps with friction buckles
- Solid-colored leg straps ease donning
- Belt loops accommodate back pads, standard safety or tool belts, or other accessories (Please shop northernsafety.com for accessories.)
- Available with tongue or mating buckles in leg straps and with or without side D-rings for positioning

ANSI APPROVED OSHA APPROVED CSA APPROVED



Tongue Buckles



Back D-Ring Mating Buckles

Item#	Description
5811	w/Tongue Buckles, Back D-Ring
5823	w/Tongue Buckles, Back & Side D-Rings
5825	w/Mating Buckles, Back D-Ring
5828	w/Mating Buckles, Back & Side D-Rings

Universal (L/XL) size fits most.

Falcon™ Self-Retracting Lifelines

- Corrosion-resistant stainless steel and aluminum internal parts ensure durability
- Lightweight construction with unique side payout design provides smooth, quiet operation with less drag
- Dual swivels keep lifeline from twisting
- Snap hooks meet 3,600 lb. gate strength and identification requirements
- Includes: 3/16" wire, carabiner, and tagline
- No annual recertification required



Honeywell
MILLER



Item#	Description
27377	20' Galvanized Steel
27378	30' Galvanized Steel
27379	50' Galvanized Steel

Miller MiniLite™ Fall Limiters

- Lightweight unit arrests free fall within inches to minimize the risk of injury
- Corrosion-resistant construction ensures longer life
- Equipped with 11' of rugged polyester webbing
- Visual load indicator lets you know when unit has been involved in a fall
- Snap hooks meet 3,600 lb. gate strength and identification requirements
- No annual service required
- 310 lb. maximum working load
- Overhead clearance extends less than 2"

Compact design



Honeywell
MILLER

27381



Item#	Description
9354	w/Carabiner
27381	w/Carabiner & Swivel Shackle

Reduces fall clearance requirements, allowing use in more applications



Great alternative to twin-leg lanyards



93782

Honeywell
MILLER

Miller Twin Turbo™ Fall Protection System with G2 Connector

- **G2 Connector** easily adapts two Miller TurboLite™ personal fall limiters for continuous 100% fall protection
- Connects to harness webbing below the D-ring, freeing the D-ring for rescue or connecting to an overhead SRL
- Swiveling design provides superior worker mobility and prevents webbing from twisting and binding
- Features corrosion-resistant aluminum connector, high-impact nylon housing, and webbing retainer
- Lighter weight reduces fatigue and increases productivity

Item#	Description
93782	Twin Turbo™ Fall Protection System w/G2 Connector & Aluminum Rebar Hooks
93783	G2 Connector Only



TurboLite™ Personal Fall Limiters

- Eliminates the need for different fall protection equipment to address changing fall clearance
- Extremely compact, lightweight unit
- User-friendly design with built-in swivel prevents lifeline from twisting
- Steel, twist-lock carabiner attaches directly to the harness back D-ring for greater mobility and versatility
- Engineered webbing provides greater abrasion resistance and long service life
- High-strength, impact-resistant nylon housing assures maximum durability
- Rated for up to a 400 lb. user
- No annual factory recertification required

Honeywell
MILLER

13871

Alternative to shock absorbing lanyards



Item#	Description
28145	6' w/Carabiner & Locking Snap Hook
28146	6' w/Carabiner & Locking Rebar Hook
13869	9' w/Carabiner & Locking Snap Hook
13871	9' w/Carabiner & Locking Rebar Hook



Miller Scorpion™ Personal Fall Limiters

- Versatile unit attaches directly to the back D-ring of harness for use as a personal fall limiter or can be used as a traditional retractable lifeline
- 9' web lifeline requires less fall clearance and prevents tripping hazard
- Quick-activating, high strength stainless steel braking system arrests free falls within inches
- Snap hooks meet 3,600 lb. gate strength and identification requirements
- Load indicator on locking snap hook shows when unit has been involved in a fall and must be removed from service
- No annual factory recertification required

Swivel shackle promotes better worker mobility

Honeywell
MILLER

27383



Item#	Description
27382	w/Steel Twist Lock Carabiner & Locking Snap Hook
27383	w/Carabiner and Swivel Shackle & Locking Snap Hook



Turbo T-BAK™ Personal Fall Limiter

- First retractable designed to tie-back anywhere along the lifeline
- All-in-one SRL-anchorage connector design reduces equipment requirements
- Heavy-duty web lifeline smoothly extends/retracts without interruption, allowing greater mobility and convenience
- Designed for anchoring below harness' back D-ring for greater safety
- Built-in shock absorber features load indicator device

Honeywell
MILLER

4217

4221



Cost-effective alternative to tie-back lanyards



Item#	Description
4215	w/Steel Twist-Lock Carabiner, Single Leg
4217	w/Aluminum Twist-Lock Carabiner
4219	w/Locking Snap Hook
4221	100% Tie-Off w/2 T-BAK Units, Twin Leg



Honeywell

MILLER

TurboLite

EXTREME Edge Personal Fall Limiters

- Lightweight, user-friendly harness connector
- High impact-resistant nylon housing
- Efficient tracking
- Includes free-floating shock absorber
- Equipped with durable, entry guide bushing

318532

ANSI APPROVED OSHA APPROVED



Cable lifeline for sharp edge applications

Item# Description

Sharp Edge:

223472	6' w/Aluminum Rebar Hooks
318535	6' w/Steel Rebar Hooks
288448	9' w/Aluminum Rebar Hooks
318522	9' w/Steel Rebar Hooks

Smooth Edge:

318532	9' w/Aluminum Rebar Hooks
--------	---------------------------

Honeywell

MILLER

Anchorage Connectors

- Secures a connecting device, such as a lanyard, self-retracting lifeline, or shock absorbing lanyard, to an anchorage point
- Choose the connector to fit your specific need

Rugged...Durable...Reliable



8213



8218

Item# Description

8213	D-Bolt Anchor
8218	3' Cross Arm Strap
8220	6' Cross Arm Strap

ANSI APPROVED OSHA APPROVED

Honeywell

MILLER

Falcon™

Sharp Edge Self-Retracting Lifelines

- Steel, double-locking carabiner
- Built-in carry handle
- Dual swivels at top and on snap hook increase mobility and minimize lifeline twisting
- High impact-resistant nylon housing withstands harsh rigors of the toughest jobsites
- Equipped with unique side payout and integral shock absorber
- RFID technology

ANSI APPROVED OSHA APPROVED



Item# Description

300722	20' w/Carabiner & Swivel Snap Hook
313604	50' w/Carabiner & Swivel Snap Hook
316782	30' w/Carabiner & Swivel Snap Hook



Honeywell

MILLER

ShadowLite™ Beam Anchor

- Lightweight and adjustable
- High strength aluminum and bronze components deliver longer service life
- Bronze clamping feet glide easily along the beam, increasing movement and productivity
- Unique positive-locking engagement systems ensure safety
- Quick-click adjustment is easy to use and requires no loose pins
- Accommodates both snap hooks and carabiners

Item# Fits I-Beam

13062	3'-14' up to 1 1/4" Thick
-------	---------------------------

ANSI APPROVED OSHA APPROVED



Carabiner Connector

Honeywell MILLER

- Self-locking for quick use
- Connects retractable lifelines or lanyards to an overhead anchor point
- Self-locking, with a tensile strength of 5,000 lb.
- 1" gate opening

Item#

8233



Honeywell

MILLER

Fusion™ Roof Anchor Post

- For permanent or temporary use
- Single-point anchor post adapts to a wide range of roof designs
- Easy installation and quick set-up reduce labor cost and eliminate the need for roof penetration and repair
- Zinc-plated steel plate and base, stainless steel components, and premium powder coating withstand changing weather
- Should a fall occur, energy-absorbing design reduces forces while maintaining a secure connection to the structure
- Ideal for membrane/build-up roofs

ANSI APPROVED OSHA APPROVED

Item# Description Designed to Accommodate

4225	Membrane/Built Up Roofs	Combined Thickness up to 5 1/2"
4227	Membrane/Built Up Roofs	Combined Thickness 5 1/2"-10 1/2"
186986	Standing Seam Roofs	From 1 1/4" to 17"
186987	Metal Sheathing Roofs	Minimum Thickness of 24 Gauge

These products are shipped directly from the manufacturer.



186987

360° protection



4225

186986



Honeywell
MILLER

180107



180096

Ideal for vertical applications



180101

Titan™ II Trailing Rope Grab and Vertical Lifelines

- **Trailing Rope Grab:** provides continuous, reliable fall protection for vertical applications
- Hands-free operation and corrosion-resistant stainless steel construction
- Easily connects to 3/4" diameter synthetic lifeline for added convenience
- In the event of a fall, rope grab locks into the lifeline and stops fall
- **Lifelines:** constructed of 3/4" polyester/polypropylene blend rope with a locking snap hook and loop
- **3' Shock-Absorbing Lanyard:** pack smoothly expands, reducing fall arrest forces, while a back-up strap deploys for added protection

Item#	Description
180096	Trailing Rope Grab
180101	30' Vertical Lifeline
180103	50' Vertical Lifeline
180106	100' Vertical Lifeline
180107	3' Pack-Type Shock-Absorbing Lanyard



15 per case.



Honeywell
MILLER

Titan™ II Shock Absorbing Lanyards

- Tubular lanyards have a built-in woven inner core
- Locking snap hooks have a 3/4" gate opening, and locking rebar hooks have a 2 1/4" gate opening
- All connectors are rated at 3,600 lb. gate strength

Item#	Description
180116	w/2 Locking Snap Hooks
180117	w/Locking Snap Hook & Rebar Snap Hook
180119	100% Tie-Off w/Locking Snap Hook & 2 Rebar Snap Hooks



15 per case.

Honeywell MILLER Rope Grabs

- Instantly locks when fall occurs
- Protects workers from falls while allowing freedom of movement
- Plated steel rope grabs accommodate 3/4" or 1/2" rope



Item#	Description
7960	w/Built-in D-Ring
7962	w/Attached 4' Manyard® Lanyard & Locking Snap Hook



Honeywell
MILLER

Miller StretchStop® Lanyard with Shock Absorber

- SofStop® shock-absorber features a woven inner core smoothly expands to reduce fall forces
- Stretchable lanyard extends reducing the chance of ground snagging or dragging
- Forged steel locking snap hooks have a minimum tensile strength of 5,000 lb.

Item#	Description	ANSI APPROVED	OSHA APPROVED	CSA APPROVED
5873	w/2 Locking Snap Hooks			
5875	100% Tie-Off, w/3 Locking Snap Hooks			



Tie Back Safely!

9345

Honeywell MILLER Miller Backbiter® Tie-Back Lanyard

- Eliminates the need for a cross-arm strap
- Exclusive Miller® 5K snap hook has a 5,000 lb. capacity
- Heavy-duty Cordura® nylon webbing great for abrasion resistance

Item#	Description	ANSI APPROVED	OSHA APPROVED	CSA APPROVED
9345	w/2 Locking Snap Hooks			
9347	100% Tie-Off w/3 Locking Snap Hooks			



Honeywell MILLER Manyard® II Shock Absorbing Lanyards

- Stretchable design extends from 4'-6' reduce the chance of tripping, snagging, or dragging
- Snap hooks meet 3,600 lb. gate strength

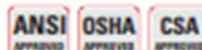
Item#	Description	ANSI APPROVED	OSHA APPROVED	CSA APPROVED
27358	w/2 Locking Snap Hooks			
27359	w/Locking Snap & 2 1/2" Locking Rebar Hook			



Honeywell MILLER Manyard® Lanyards

- Rugged 6" lanyards feature a special shock-absorbing inner core surrounded by a super-strong outer jacket

Item#	Description	ANSI APPROVED	OSHA APPROVED	CSA APPROVED
7354	w/2 Locking Snap Hooks			
8222	w/Locking Snap Hook & Rebar Snap Hook			
8229	100% Tie-Off w/Locking Snap Hook & 2 Rebar Snap Hooks			





Innovative Design Delivers All-Day Comfort and Mobility



V-FIT Construction Harnesses

- Innovative RaceFLEX buckle streamlines design by eliminating the chest strap
- Special fit contours to the body and increases comfort and mobility
- Shoulder padding minimizes chafing and can be removed for cleaning

Item#	Description
315971	w/Back D-Ring, Qwik-Fit Leg Straps
316982	w/Back & Side D-Rings, Qwik-Fit Leg Straps



Please specify size: (L) or (XL).



V-FORM Harnesses

- RaceFORM buckle eliminates the need for bulky chest strap
- Athletic fit contours to the body and increases mobility

Item#	Description
314695	w/Back D-Ring, Qwik-Fit Leg Straps
314694	w/Back D-Ring, Tongue Buckle Leg Straps
314696	w/Back & Side D-Rings, Qwik-Fit Leg Straps
314698	w/Back & Side D-Rings, Tongue Buckle Leg Straps



Please specify size: (L) or (XL).



V-FIT Construction Harness

- RaceFLEX buckle allows a comfortable fit without a chest strap
- Shoulder padding responds to worker's movements, eliminating pressure points and chafing
- Equipped with pull-down adjustment system
- Athletic cut is naturally shaped to increase mobility



Item#	Description
314691	w/Back & Side D-Rings, Tongue Buckle Leg Straps



Please specify size: (L) or (XL).



V-Form Construction Harness

- RaceFORM buckle eliminates the need for chest strap
- Pull-down design allows for quick, easy fitting adjustments
- Athletic cut contours to the body and increases mobility



Item#	Description
314697	w/Back & Side D-Rings, Tongue Buckle Leg Straps



Please specify size: (L) or (XL).



V-FORM Harnesses with Stainless Steel Hardware

- RaceFORM buckle allows for a close, comfortable full body harness fit, eliminating the need for a bulky chest strap
- Contours to the body and allows increased upper torso mobility
- Pull-down adjustment ensures a proper fit that lasts throughout the work day



Item#	Description
314699	w/Back D-Ring, Tongue Buckle Leg Straps
314700	w/Back D-Ring, Qwik-Fit Leg Straps



Please specify size: (L) or (XL).

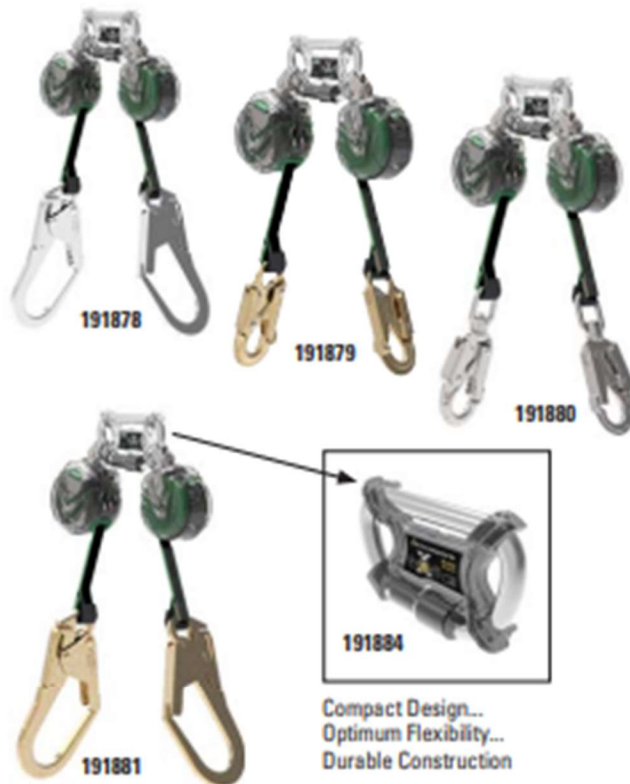
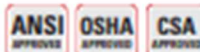


V-TEC Mini Personal Fall Limiters

- Ultra-compact SRL delivers reliable worker safety
- High impact polycarbonate housing and stainless steel components ensure maximum durability
- 360° fully rotating attachment point offers complete flexibility
- 400 lb. maximum user capacity



Item#	Description
174522	6' Single Leg w/36CS Swivel Snap Hook
174523	6' Single Leg w/36CL Rebar Hook



V-TEC Twin Leg Personal Fall Limiters

- 6' device is the most compact in MSA's line of personal fall limiters
- 360° fully rotating attachment points add flexibility
- High impact polycarbonate housing and stainless steel components withstand tough environments
- 400 lb. maximum user capacity

Item#	Description
191879	6' Twin Leg w/36C Snap Hooks
191880	6' Twin Leg w/Swivel 36CS Snap Hooks
191881	6' Twin Leg w/36CL Rebar Hooks
191878	6' Twin Leg w/Aluminum 36CL Rebar Hooks
191884	Twin Link Connector



V-Shock™ Personal Fall Limiters

- Weighs only 2 lb.
- Rugged overmold housing provides unsurpassed durability in abusive environments
- Swivel eyelet provides better worker mobility and versatility by preventing lifeline tangling
- Less weight reduces fatigue and increases productivity
- Radial energy absorber is sealed and protected from the outside environment, extending the service life



Item#	Description
289272	6' Single Leg w/AL36CL Scaffold Hook
289276	6' Single Leg w/36C Snap Hook
289277	6' Single Leg w/Aluminum Swivel Carabiner
289281	6' Single Leg w/36CL Scaffold Hook



These products are shipped directly from the manufacturer and do not qualify for free shipping.



V-TEC Personal Fall Limiters

- Completely field serviceable
- Frictionless Constant Force® energy-absorbing braking mechanism avoids costly requirements of factory servicing
- 100% Full Contact™ pawl mechanism "clicks" to reassure users that SRL is functioning correctly
- Rugged construction includes toughened, impact-resistant nylon case and stainless steel chassis and components
- 400 lb. maximum worker capacity
- ATEX assessed

Item#	Description
174507	30' Galvanized Steel Cable
174512	30' Stainless Steel Cable



These products are shipped directly from the manufacturer and do not qualify for free shipping.



V-TEC Cable Self-Retracting Lifelines

- Completely field-serviceable with minimal components
- Spring radial energy absorbing technology requires zero calibration or adjustment
- Retraction dampening features control the cable speed to <3m/s
- High-impact, clear polycarbonate housing simplifies pre-use inspection
- Fully rotating attachment point allows complete user mobility
- Stainless steel cable and components
- 400 lb. maximum worker capacity

Item#	Description
289271	20' Galvanized Steel Cable
271905	20' Stainless Steel Cable



These products are shipped directly from the manufacturer and do not qualify for free shipping.



Fall Protection



MSA
The Safety Company

V-Series Shock Absorbing Lanyards

- Bungee design helps reduce snag and trip hazards
- New, easily identifiable symbol system indicates lanyard type



Item#	Description
314690	w/Locking Snap Hook and Rebar Snap Hook
314689	100% Tie-Off w/3 Locking Snap Hooks
320510	100% Tie-Off w/Locking Snap Hook and 2 Rebar Snap Hooks



MSA
The Safety Company

V-Series Standard Tie-Back Lanyards

- Shock absorbing pouch includes a clear, protective cover on labels to increase service life, and allow for easy inspection

Item#	Description	ANSI APPROVED	OSHA APPROVED	CSA APPROVED
314684	w/2 Locking Snap Hooks			
314685	Tie-Back w/2 Locking Snap Hooks			



MSA
The Safety Company

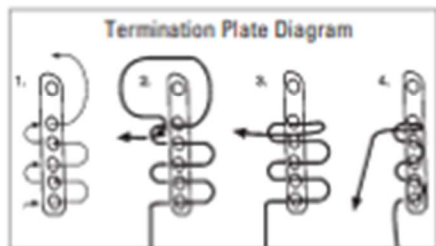
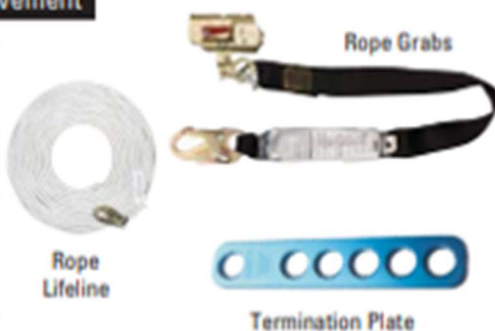
Carabiner Connector

- Secures the connection between your workers and their anchorage points
- Self-locking steel carabiners possess a minimum strength of 5,000 lb.



Item#	Description	ANSI APPROVED	OSHA APPROVED
5278	1/2" Opening		
5342	1" Opening		

Excellent freedom of movement



MSA
The Safety Company

FP Pro Rope Grab and Accessories

- Smooth travel action allows rope grab to follow worker for maximum freedom of movement while ascending or descending to work areas
- Cam and hinge design allows quick and easy installation
- Friction-sensitive brake locks rope grab onto lifeline during a fall
- **Rope Lifeline:** polyester construction with self-locking snap hook
- **Termination Plate:** enables user to connect to an anchor point

Item#	Description	OSHA APPROVED	ANSI APPROVED
4091	1/2" Rope Grab w/3' Dyna-Brake® Energy Absorbing Lanyard		
4092	1/2" Rope Lifeline, 25'		
4093	1/2" Rope Lifeline, 50'		
4094	1/2" Rope Lifeline, 75'		
4095	1/2" Rope Lifeline, 100'		
16786	1/2" Termination Plate		



MSA
The Safety Company

Workman® FP Stryder Anchorage Connectors

- Versatile with wide range fit
- Quickly and easily attaches to I-beam flange – no tools needed
- Ideal for confined space, painting, welding, and more

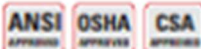
Item#	Description	Fits Beam Flange Width
13174	Aluminum Alloy	4"-13.5"
13176	Alloy Steel	14"-23.5"



Anchorage Connector Strap

- 5' nylon strap features sewn loop on one end and D-ring on the other
- 5,000 lb. maximum strength

Item#
3602



4060



4061



4059

Rebar Protective Caps

- **Standard:** fits rebar sizes #3 through #9
- **Large caps:** fit rebar up to 2" in diameter
- Both protect against nuisance injuries from exposed rebar
- **CAL-OSHA compliant caps:** prevent hazardous impalement of a worker (up to 250 lb.) from a maximum height of 7 1/2'

Item# Description

4060	Standard Size
4061	Large Size
4059	CAL-OSHA Compliant

Packaging information: Item#s 4060 and 4061—100 per box.
Item# 4059—100 per bag.

CARNIE CAP™

Rebar Protective Caps

- When used with a 2' x 4' x 8', the system can replace up to 17 regular caps, saving you time and money
- Requires only 2 caps for every 8' of rebar
- Easily assembled, reusable



Can Replace up to 17 Regular Rebar Caps!

Item#
8168

100 per box.



Safety Boot® Guardrail System Base

- Quick and simple way to set-up your guardrail system
- Temporary base allows fast, easy installation of a guardrail system
- Reusable boot weighs only 2.5 lb.
- Toe board slot design eliminates tacking
- Double polymer reinforcement at critical stress points adds strength
- Stable, 10.5" diagonal footprint eliminates the need for bracing
- Durable, weather-resistant construction
- Anchors to most surfaces, including concrete
- Ideal for use as perimeter, elevator shaft, stairway protection, and more



Item#
167152



V-EDGE™ Leading Edge Personal Fall Limiter

- Engineered for use in overhead and foot-level tie off points, and where leading edge hazards are a concern
- Web technology reduces fatigue and increases comfort
- Patent-pending locking pin attachment saves time and frustration when connecting to full body harness



320517



320053

Item# Description

320053	8' Web w/AL36CI Snap Hooks
320517	20' w/36CS Snap Hook



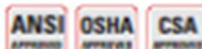
V-TEC Sealed Self-Retracting Lifelines

- Completely field serviceable units feature Constant Force™ braking mechanism and 100% Full Contact™ mechanism
- Impact-resistant housing and accelerated corrosion testing ensure long-lasting use
- IP69K ingress protection
- 310 lb. maximum user capacity



Item# Description

174503	30'
174504	50'
174508	85'
174506	130'



These products are shipped directly from the manufacturer and do not qualify for free shipping.



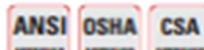
V-TEC Tie-Back Mini Personal Fall Limiter

- Multiple spring radial energy-absorbing technology eliminates need for an external energy absorber
- Clear casing allows user to see inside to verify proper functioning
- Equipped with fully rotational attachment point
- Ultra-lightweight, durable polycarbonate construction
- Can withstand temperatures -40° to 130°F



Item# Description

296551	9' w/FP5K Snap Hook & Steel Carabiner
--------	---------------------------------------





KNIGHT
SAFETY & INDUSTRIAL