Enjoy the view.
We’ve got your back.

Safety managers. Workers. Business owners. Everyone at a worksite plays a role in helping keep people healthy and safe. At 3M, our role is supporting you with the right resources to get the job done and bring your workers back home through the science of safety.

#3MScienceOfSafety
10 feet in the air or 100, you need the confidence to know you’re safe at height no matter where the job takes you. That’s why our dedicated team of Fall Protection specialists meets with customers out in the field. We work to understand the unique challenges you face and develop the products, systems and services that help keep you safe and compliant with fall protection standards in a variety of industries.

**Wind energy**
Specialized equipment for a specialized industry—harnesses, lanyards and unique rescue and escape systems.

**Transportation**
From the airport to the railyard, there’s a 3M Fall Protection solution for all aspects of this diverse industry.

**Oil and gas**
With “retractable” lifeline technology and equipment and training for emergency escape devices, 3M Fall Protection helps keep this vital industry running.

**Mining**
Rugged work requires rugged equipment. That’s why we developed specialized harnesses and anchors to address the demands of the mining industry.

**Construction**
We’ve built a portfolio of 3M Fall Protection for the specific needs of the construction industry—to help keep you building.

**General industry**
Whether you’re processing, milling, finishing, inspecting or doing routine maintenance, 3M Fall Protection can help you get the job done safely.

**Utility, telecom and municipalities**
With products like our confined space equipment and pole anchors, we specialize in fall protection equipment as unique as the work you do.
Anchorage connectors vary by industry, job, type of installation and structure. They must be able to support the intended loads and provide a sufficient factor of safety for fall arrest.

- Anchorage connectors .................... 7
- Horizontal systems .......................... 17
- Vertical systems ............................. 25
- Engineered systems ....................... 35
- Flexiguard™ solutions ..................... 37

Body support
Harnesses distribute fall forces over the upper thighs, pelvis, chest and shoulders. They provide a connection point on the worker for the personal fall arrest system.

- Full-body harnesses ..................... 45
- Lineman belts and harnesses .......... 62
- Belts, workseats and accessories .... 63

Connectors
Such as self-retracting lifelines or shock-absorbing lanyards connect a worker’s harness to the anchorage.

- Self-retracting lifelines ............... 65
- Shock-absorbing lanyards ............ 75
- Positioning lanyards .................... 81
- Fall-restricting devices ............... 82
The ABC’s of fall protection.

A typical Personal Fall Arrest System (PFAS) incorporates three components, often described as the ABC’s of fall protection. The anchorage/anchorage connector, body support and connecting device—when used together—form a complete system for maximum worker protection. But don’t forget the other important components of a comprehensive fall protection program: descent and rescue, education and fall protection for tools.

Descent and rescue

devices are used to raise or lower a fallen injured worker to safety or retrieve him from a confined space.

Education

is essential. We offer a variety of training and consultative services to fit your needs.

Fall protection for tools

helps make work environments safer and more productive by reducing dropped object incidents.

Confined space rescue .................85
Rescue and descent .......................102
Netting & guardrails .....................110
Training courses ..........................119
Fall protection for tools ...............121

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New products

Harnesses

3M™ DBI-SALA®
Delta™ Comfort
Arc Flash Harness
1112613
Experience quick, easy donning made possible by a patented Delta™ triangular design. Arc flash-rated and resistant up to 40 cal/cm² for high voltage electricity applications (XLarge).

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<thead>
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3M™ DBI-SALA®
Delta™ Comfort
Scaffolding Harness
1100948
These harnesses feature a fixed back D-ring and a web Easy-Link Self-Retracting Lifeline Adapter, allowing you to easily attach your personal SRL. Also available in quick-connect configurations (XLarge).

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<th>Size</th>
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Fall Protection for Tools

3M™ DBI-SALA®
5 lb. Retractable Tool Lanyard
1500156
Help minimize tangling and tripping hazards with this compact and lightweight tool retractor designed to secure tools up to 5 lbs.

3M™ DBI-SALA®
Large Tape Measure Sleeve
1500165
Keep your tape measure secured and ready to work. The Tape Measure Sleeve creates a secure attachment point on most tape measures up to 35 ft.

3M™ DBI-SALA®
Quick-Wrap Tape II
Create secure tool attachment points using up to 40% less tape*.

- Yellow (1 in. x 9 ft.) - 1500174
- Blue (1 in. x 9 ft.) - 1500168
- Blue Double Roll (1 in. x 18 ft.) - 1500171

*Compared to previous generation 3M™ DBI-SALA® Quick-Wrap Tape.

3M™ DBI-SALA®
Hook2Hook Coil Tether
1500159
A simple tethering solution for tools weighing up to 5 lbs. that stays out of the way when not in use.

Hard Hat Tether
1500178, 1500179
Qty. 10 or 100.
Load Rating: 4 lbs. (1.8 kg)
Self-Retracting Lifelines

3M™ DBI-SALA® Nano-Lok™ Self-Retracting Lifeline for Aerial Work Platforms - 3101655
Helps enhance your mobility in bucket trucks and aerial work platform applications. Flame-resistant with a retractable design, it keeps the lifeline out of the way and helps reduce dragging, snagging and trip hazards for high voltage electricity applications x 4.5 ft.

3M™ DBI-SALA® Comfort Grip Connector
Can be used for direct connection to anchorage structures like scaffolding and towers, the Comfort Grip Connector snap hook is offered on a variety of lanyards and personal self-retracting lifelines, including:
3M™ DBI-SALA® Shockwave™ 2 Shock-Absorbing Lanyard - 1246416
3M™ DBI-SALA® Nano-Lok™ edge Self-Retracting Lifeline x 8 ft. - 3500258

3M™ DBI-SALA® Nano-Lok™ Wrap Back Self-Retracting Lifelines - 3101659
A versatile, easy-to-use SRL specifically designed for tie-back use often found in construction applications. Can be used for direct connection to most harnesses x 8 ft.

Coming Soon

3M™ DBI-SALA® ExoFit™ Plus and ExoFit NEX™ Plus Full-Body Harnesses
In addition to the features you already get with the ExoFit or the ExoFit NEX, they now will both also provide the flexibility of an integrated easy-link self-retracting lifeline adapter.

3M™ DBI-SALA® Lad-Saf™ Flexible Cable Vertical Safety System
Reengineered to help streamline your installation time with over 70% fewer loose components compared to current generation, these lightweight systems are optimized for easy, effective installation and maintenance.

3M™ DBI-SALA® Trigger X Adjustable Rope Positioning Lanyard
Get the versatility you need with this lanyard. It has three work modes and is available in three hook configurations and three lengths (6 ft., 8 ft. and 10 ft.).
New ANSI Z359.16 Standard

Whether you manufacture, distribute, purchase, design, install or use these systems, this new standard probably affects you. Here are some key changes that you need to be aware of. See our Technical Bulletin or contact customer service for more information.

This standard applies to any vertical climbing system that’s 90° (plus or minus 1°) when viewed from the front elevation and within 15° of vertical from the side elevation.

**Sleeves designed to be removable from the carrier cable must require at least 2 deliberate manual actions by the user.**

During climbing and descent, sleeve movement should be automatic, not requiring manual intervention.

**Carrier sleeves must now include an anti-inversion device to prevent the user from installing the carrier sleeve upside-down.**

Sleeves must lock automatically in a fall and must include a second independent locking mechanism that can’t be disengaged or interfered with during a fall.

**KEY CHANGE:**

- **Anti-Inversion Device:** Prevents upside-down installation

- **Second Independent Locking Mechanism**

Force: ≤1,350 pounds

ANSI/ASSE Z359.11

Within 15° of vertical
Anchorage Connectors

The more you trust an anchor, the more you enjoy the view.

Set your sights on a higher level of confidence and security with 3M™ DBI-SALA® Anchorage Connectors. Tested to meet OSHA and ANSI standards, our comprehensive portfolio of anchorage connectors gives you the gear you need to get the job done right.

- Anchorages for general/all-purpose, steel, concrete, roof, mining or specialty.
- Fixed or mobile.
- Permanent or portable.

All anchorages must provide a secure point of attachment for a complete personal fall arrest system and must be capable of supporting a load of 5,000 lbs. (22 kN), or of meeting OSHA’s criteria of a 2-to-1 safety factor.
3M™ DBI-SALA® General Anchorage Connectors

Extremely versatile anchors are easily choked-off to the anchorage structure, to provide a fast and safe 5,000 lb. (22 kN) tie-off point for your personal fall protection system.

1003000 Web Tie-Off Adapter
Pass-through design. 1-3/4 in. polyester strength member with 3 in. wide polyester wear pad x 3 ft. (0.9 m)
1003006 Web Tie-Off Adapter, pass-through type x 6 ft. (1.8 m)
1002103 Adjustable Web Tie-Off Adapter, pass-through type x 3 ft. (0.9 m)
1002106 Adjustable Web Tie-Off Adapter, pass-through type x 6 ft. (1.8 m)
1002010 Web Tie-Off Adapter, pass-through type x 10 ft. (3.0 m)

1002202 Tie-Off Adapter for Hot Work Use
Reinforced with Kevlar® fiber webbing; ideal for high heat environments, pass-through type with 1-3/4 in. polyester strength member x 6 ft. (1.8 m)
1002200 Tie-Off Adapter, with Kevlar® fiber, pass-through type x 3 ft. (0.9 m)
1002201 Tie-Off Adapter, with Kevlar® fiber, pass-through type x 4 ft. (1.2 m)

1201390 Web Scaffold Choker
Choker style attaches to 3 in. (76 mm) diameter anchorage. 1 in. (25 mm) polyester strength member x 17 in. (43 cm)
1201391 Web Scaffold Choker x 24 in. (61 cm)
1201422 Coated Web Scaffold Choker, PVC Coated D-ring x 2 ft. (0.6 m)

2000112 11/16 in. (17.5 mm) gate opening steel carabiner with self closing/locking gate. 3,600 lb. (16 kN) gate strength.
2000113 1-3/16 in. (30 mm) gate opening steel carabiner with self closing/locking gate. 3,600 lb. (16 kN) gate strength.
2000114 2-3/16 in. (55.5 mm) gate opening steel carabiner with self closing/locking gate. 3,600 lb. (16 kN) gate strength.

1201390 Web Scaffold Choker
Choker style attaches to 3 in. (76 mm) diameter anchorage. 1 in. (25 mm) polyester strength member x 17 in. (43 cm)
1201391 Web Scaffold Choker x 24 in. (61 cm)
1201422 Coated Web Scaffold Choker, PVC Coated D-ring x 2 ft. (0.6 m)

5900550 Cable Tie-Off Adapter
Pass-through design. 7 in. x 19-3/8 in. (9.5 mm) stainless steel cable with O-rings x 4 ft. (1.2 m)
5900551 Cable Tie-Off Adapter, pass-through type x 6 ft. (1.8 m)
5900552 Cable Tie-Off Adapter, pass-through type x 10 ft. (3.0 m)

2104816 Drop-Through Anchor
10 ft. (3 m) drop-through anchor with swiveling D-ring for concrete and steel, fits 1-1/2 in. to 1-3/4 in. dia. hole (38.1 to 44.5 mm) with a minimum thickness of 4 in. (101.6 mm)
2104819 Drop-Through Anchor x 2 ft. (0.6 m)
2104818 Drop-Through Anchor x 6 ft. (1.8 m)
2104817 Drop-Through Anchor x 8.5 ft. (2.6 m)
3M™ DBI-SALA® Steel Anchorage Connectors

Extremely versatile anchors for steel that are lightweight and compact, providing an easy to install and safe 5,000 lb. (22 kN) tie-off point for your personal fall protection system.

2104700 Sliding Beam Anchor
- Provides horizontal mobility on I-beams, overhead attachments or at the feet.
- Wear pads provide smooth operation.
- Ratcheting adjustment system for easy installation.
- User capacity of 420 lbs. (189 kg)

2110941 Sliding Beam Anchor
Features a detent-pin type adjustment system. Fits flanges between 6 in.-18 in. wide and up to 2-1/2 in. thick.

2108406 Fixed Beam Anchor
It installs in seconds to the beam structure in any orientation, with final tightening using a built-in adjustment handle. Ideal as a single-person anchor point or as end-anchors for a 3M™ DBI-SALA® Sayfline™ Horizontal Lifeline System. Fits up to 1-1/2 in. thick beam flange, 2-1/2 in.-12 in. wide.

2108407 Fixed Beam Anchor, fits up to 1-1/2 in. thick x 2-1/2 in.-18 in. wide beam flange.

2108408 Fixed Beam Anchor, fits up to 1-1/2 in. thick x 2-1/2 in.-24 in. wide beam flange.

2108410 Fixed Beam Anchor, fits up to 1/2 in.-2-1/2 in. thick x 12 in.-36 in. wide beam flange.

2103143 Trolley for I-Beam
The trolley is for use with self-retracting lifelines on horizontal beams and has been engineered for ease-of-use and superior performance. It glides easily along the beam and provides horizontal mobility.
- Attachable anywhere along beam, including midpoint.
- Non-corrosive double-shielded wheel bearings are maintenance-free.
- Trolley guards protect the wheels from damage and keep beam clear of debris.
- Fits 3 in.-8 in. flange width and thickness up to 11/16 in.

2104550 Steel Plate Anchor
This plate anchor offers a compact, reliable attachment to 3/8 in.-1 in. thick plate steel for connecting your lanyard, vertical lifeline system or self-retracting lifeline.
- Easy-to-use set-screw design ensures positive and safe connection.
- Complete with integral D-ring tie-off point.
- Durable, corrosion-resistant zinc-plated steel construction.

8800023 Tandem Pulley
For 3/8 in.-1/2 in. rope or cable.
**3M™ DBI-SALA® Steel Anchorage Connectors (cont.)**

**2101630**  
D-Ring Anchorage Plate  
The D-Ring Anchorage Plate can be bolted or welded to a structure, offering a compact, reliable connection point for your fall protection system.  
- Two 1/2 in. diameter attachment holes.  
- Cadmium-plated steel D-ring.  
- 304 stainless steel anchorage plate.  
- Plate size: 1/4 in. x 2 in. x 4-1/2 in.  
2101634  D-Ring Anchorage Plate with cadmium-plated steel D-ring, raw steel anchorage plate.  
2101636  D-Ring Anchorage Plate with 304 stainless steel D-ring and anchorage plate.  
2101638  D-Ring Anchorage Plate with 316 stainless steel D-ring and anchorage plate.  

**3M™ DBI-SALA® Concrete Anchorage Connectors**

Extremely versatile anchors for concrete that are lightweight and compact, providing an easy to install and safe 5,000 lb. (22 kN) tie-off point for your personal fall protection system.  

**2100085**  
Concrete Wedge Anchor  
Portable and reusable concrete anchor installs quickly and easily using standard concrete tools, providing a fast and safe tie-off point.  
- Exclusive quick-release button for fast removal.  
- Unique forged connection ring provides a compatible tie-off point.  
- Shielded load cable and chock release cables.  
- Exclusive pivoting easy-grip handle.  

**2100050**  
Concrete Anchor Strap  
Our disposable concrete anchor strap provides a temporary anchorage on concrete forms and is extremely easy to install and use.  
- Loop slips over rebar, then concrete is poured over. When no longer needed, simply cut strap and discard.  
- Durable 1-3/4 in. polyester construction x 3-1/2 ft. (1 m). Full length wear pad for abrasion resistance.  
- D-ring provides compatible tie-off point.  
2100053  Concrete Anchor Strap with D-ring, 48 in. (1.2 m)  
2100061  Concrete Anchor Strap, no D-ring, 3-1/2 ft. (1 m)  

**2100101**  
Toggle Anchor  
Portable and reusable anchor installs in just seconds to concrete or steel for horizontal, vertical, or overhead applications, providing a compatible, fast and safe tie-off point.  
- Activator cable provides toggle mode selection (Open or Lock).  
- Toggle position indicator visually notifies user if locked or unlocked.  
- Swiveling D-ring provides a compatible tie-off point.
2104560  Concrete D-Ring Anchor
A simple, versatile and safe concrete anchor solution for use in temporary or permanent applications, providing a safe tie-off point.
- Reusable D-ring assembly.
- Rugged design for harsh environments.
- Safe “hook-up” indicator notifies user of proper installation.
- Install into 11/16 in., 18 mm or 3/4 in. holes—only standard drill bits needed.
2104561  Concrete D-Ring Anchor with 5 additional bolts.
2104562  Concrete D-Ring Anchor with 11 additional bolts.
2100066  10-pack of Replacement Bolts for Concrete D-Ring Anchor.

8523178  Concrete Parapet Anchor
Portable anchorage connector developed for use in locations where a low parapet wall provides an anchor site for a shock-absorbing lanyard or self-retracting lifeline.
- Non-penetrating design eliminates site damage.
- Adjustment range 1 in.-14.5 in. wide.
- No tools required for installation.

2101004  Concrete Detent Anchor
A versatile, simple and safe concrete anchor utilizing pre-installed sockets, enabling the user to connect and disconnect from the anchorage by simply pressing a button.
- Use for floor, wall or ceiling type applications.
- Provides convenient tie-off points wherever needed.
- Push-button operation for fast and easy operation.
- Socket includes cover cap to hide recess, blending into the decor.
2101000  Concrete Detent Socket and cap only.
2101002  Concrete Detent Pin only.
2100152  Concrete Pour-in-Place Anchor.
2100169  Pour-in-Place Detent Anchor Assembly with detent pin and socket.

1231305  Web Anchor
Anchor can be directly connected to many concrete wall forms to provide a tie-off point for your system. Web anchor strap with large opening, Hook at one end, D-ring at other x 1.5 ft. (45 cm)
Wood or steel. Residential or commercial. Flat or sloped. No matter what type of roof you’re working on, your fall protection system needs specialized components to help keep you safe. Our easy-to-use kits and anchorage devices provide reliable solutions and meet the latest OSHA and ANSI standards.

3M™ DBI-SALA® Roof Anchorage Connectors

2100133  
Roof Top Anchor for metal, concrete, wood roofs

2100138  
Standing Seam Roof Anchor

2100139  
Roof Top Anchor for membrane type roofs

2100185  
Freestanding Counterweight Anchor

2103670  
Permanent Roof Anchor with flashing and cap

2103673  
Portable Reusable Roof Anchor

2103675  
Portable/Reusable Standing Seam Roof Anchor

2103677  
Portable Reusable Roof Anchor

2103677  
Portable Reusable Roof Anchor

2103690  
3-Man Reusable Swiveling Roof Anchor

2104541  
Detachable Roof Anchor with flashing
### Selection Guide:

<table>
<thead>
<tr>
<th>Part #</th>
<th>Wood attachment - OK</th>
<th>Metal attachment - OK, minimum thickness</th>
<th>OK to Use with HLL</th>
<th>Capacity - Maximum Arresting Force</th>
<th>Attachment method</th>
<th>Permanent installation</th>
<th>OSHA Compliant</th>
<th>ANSI Z359 compliant</th>
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<td>2100133</td>
<td>■ (5/8 in. plywood)</td>
<td>■ 24 Ga.</td>
<td>■</td>
<td>310 lbs./1800 MAF</td>
<td>Lag screws (wood), anchors (concrete), rivets or Fablok or Tek screws (metal)</td>
<td>■ (5/8 in. plywood)</td>
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<td>2100138</td>
<td>■ Fits standing seam centers 15.75 in. x 11.8 in. w/clip kits</td>
<td>■ 310 lbs./1800 MAF</td>
<td>7241204 for bulb type seam, 7241206 for double folded standing seam, 7241208 for single folding seam</td>
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<td>2100139</td>
<td>■ Installs to standard membrane and built-up type roofs</td>
<td>■ 310 lbs./1800 MAF</td>
<td>4 bolts: 7241182 6 in. toggle bolt, or 7241183 12 in. toggle bolt</td>
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<td>2100440</td>
<td>■ Single-ply PVC membrane and built-up roofs</td>
<td>■ 310 lbs./1800 MAF</td>
<td>7241182 or 7241183 toggle bolt</td>
<td>■</td>
<td>■</td>
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<tr>
<td>2100442</td>
<td>■ Single ply Butamin and built-up roofs</td>
<td>■ 310 lbs./1800 MAF</td>
<td>7241182 or 7241183 toggle bolt</td>
<td>■</td>
<td>■</td>
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<tr>
<td>2100185</td>
<td>■ Flat roofs up to 5 degrees of slope</td>
<td>310 lbs./1800 MAF</td>
<td>7241182 or 7241183 toggle bolt</td>
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<td>2103670</td>
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<td>310 lbs./1800 MAF</td>
<td>U-Bolt clamps (included) to rafter or truss, 2 x 4, 2 x 8</td>
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<td>310 lbs./1800 MAF</td>
<td>U-Bolt clamps (included) to rafter or truss, 2 x 10, 2 x 12</td>
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<td>2103673</td>
<td>■</td>
<td>310 lbs./1800 MAF (2 person w/ Sayfline Synthetic HLL)</td>
<td>6 (1/4 inch size) Lag screws (included) or 12 nails (included)</td>
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<tr>
<td>2103675</td>
<td>■ Flat roofs up to 5 degrees of slope</td>
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<td>2103676</td>
<td>■ 22 Ga. deck</td>
<td>310 lbs./1800 MAF</td>
<td>Nails or Tek screws</td>
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<td>2103677</td>
<td>■</td>
<td>420 lbs./900 MAF</td>
<td>Lag screws</td>
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<td>3 Person, 310 lbs. ea. /1350 MAF</td>
<td>Deck screws</td>
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<td>310 lbs./1800 MAF</td>
<td>Bolts w/clamp</td>
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<td>310 lbs./1800 MAF</td>
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<td>310 lbs./1800 MAF</td>
<td>Bolts w/clamp</td>
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<tr>
<td>2105682</td>
<td>■</td>
<td>310 lbs./900 MAF</td>
<td>Lag screws or nails</td>
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<td>■</td>
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<tr>
<td>2105683</td>
<td>■ 16 Ga. purlins or 22 Ga. decking</td>
<td>310 lbs./1800 MAF (900 MAF w/HLL)</td>
<td>Lag screws or self-drilling screws</td>
<td>■</td>
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</table>

Read user instruction manual for complete information on use and limitations.

**2104168 Roofer’s Fall Protection Kit**

Complete fall protection system in a bag for convenient compliance and safety on the job.

Kit includes:
- Reusable Roof Anchor (2103673)
- Full-Body Harness (1103513)
- Rope Adjuster with Shock-Absorbing Lanyard (1246037)
- Lifeline x 50 ft. (1202794)
- Counterweight (5901583)
- Carrying Bag (9503806)

2104169 Roofer’s Fall Protection Kit with Roof Anchor (2103676)
**Remote Anchoring System**

Provides a safe means to anchor a fall protection device to an overhead location beyond normal reach.

- Pole adjusts from 6 ft.-12 ft. (1.8 m-3.6 m)
- Tie-off adapter tool for installation of anchorage device.
- Hook attachment tool for installation of 3,600 lb. gated snap hooks.
- Tie-off adapter x 3 ft. (0.9 m) and carrying bag.

2104528 System with 8 ft.-16 ft. (2.4 m-4.8 m) adjustable pole

2104529 Snap Hook Connector Tool for 3,600 lb. gated hooks.

2104530 System, 6 ft.-12 ft. (1.8 m-3.6 m) adjustable pole with original and 3,600 lb. gated hook tools.

2104531 System, 8 ft.-16 ft. (2.4 m-4.8 m) adjustable pole with original and 3,600 lb. gated hook tools.

**Perimeter Limiter**

Freestanding, non-penetrating anchor for concrete decking construction and provides overhead anchorages for up to two users.

- Large foam filled trailer tires won’t go flat and provide easy movement.
- Rotating 7.5 ft (2.3 m) mast and anchorage arm for added freedom of movement.
- Pre-drilled holes for accessory rescue winches or job site boxes.
- Additional weights and taller mast (available separately) can be added for job site flexibility.

**Door/Window Jamb Anchor**

Non-penetrating anchor is lightweight and portable, requiring no tools for attachment. Adjustable opening ranging from 21.5 in.-51.5 in. (54.6 cm-130.8 cm).

Rated for 3,600 lb. (16 kN)
3M™ DBI-SALA® Self-Contained Vacuum Anchor System

This Self-Contained Vacuum Anchor (SCVA) System allows workers to conveniently anchor to virtually any compatible, smooth, non-porous surface—enabling them to work where they need to without compromising their fall protection safety. At just over 19 lbs., it’s easy to transport and use. It connects in seconds and gives workers the freedom to move about with confidence. All models are OSHA, CE and AS/NZS compliant and feature a comprehensive backup system to enhance worker safety.

**For aviation maintenance applications, use 3M™ DBI-SALA® Nano-Lok™ Wrap Back Self-Retracting Lifelines**

**Product specifications:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Shop air powered</th>
<th>Shop air/gas powered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main support assembly</td>
<td>Anodized aluminum</td>
<td></td>
</tr>
<tr>
<td>Vacuum seal pad material – aviation</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>Vacuum seal pad material – general industry</td>
<td>Polybutadiene</td>
<td></td>
</tr>
<tr>
<td>Electronics</td>
<td>4 AA lithium batteries</td>
<td></td>
</tr>
<tr>
<td>Shop air requirements</td>
<td>80 psi-150 psi</td>
<td></td>
</tr>
<tr>
<td>Compressed gas bottle requirements</td>
<td>—</td>
<td>3,000 psi, 48 in²</td>
</tr>
<tr>
<td>Dimensions</td>
<td>22 in. x 22 in. x 6 in. (55 cm x 55 cm x 15 cm)</td>
<td></td>
</tr>
<tr>
<td>System weight</td>
<td>17.4 lbs. (7.8 kg)</td>
<td>19.9 lbs. (9.0 kg)</td>
</tr>
<tr>
<td>Capacity</td>
<td>310 lbs. (140 kg); One person</td>
<td></td>
</tr>
<tr>
<td>Surface temperature range</td>
<td>-20°F to 140°F (-29°C to 60°C)</td>
<td></td>
</tr>
<tr>
<td>Vacuum anchor static capacity</td>
<td>3,375 lbs. (15 kN)</td>
<td></td>
</tr>
</tbody>
</table>

**Selection guide:**

<table>
<thead>
<tr>
<th>Components</th>
<th>Aviation</th>
<th>General industry</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCVA assembly (shop air powered)</td>
<td>2200107*</td>
<td>2200094*</td>
</tr>
<tr>
<td>SCVA assembly with on board bottle attachment (shop air or gas powered)</td>
<td>2200108*</td>
<td>2200095*</td>
</tr>
<tr>
<td>Secondary pad assembly (optional)</td>
<td>2200109*</td>
<td>2200096*</td>
</tr>
<tr>
<td>Secondary pad hose (optional) – 50 ft. (15 m)</td>
<td>2200130</td>
<td></td>
</tr>
<tr>
<td>Aviation HLL kit (includes secondary pad, 40 ft. HLL, and secondary pad 50 ft. hose)</td>
<td>2200123</td>
<td>—</td>
</tr>
<tr>
<td>Compressed gas cylinder (bottle sold separately)</td>
<td>2200078</td>
<td></td>
</tr>
</tbody>
</table>

*Recommended lanyard is 1246170. Carry case included.*
Lifelines that work for your work site.

Maximize mobility, productivity and fall protection with 3M™ DBI-SALA® Horizontal Lifeline (HLL) Systems. With a wide variety of HLLs available, we have the systems that are right for your site.
Choosing a horizontal lifeline system
It’s critical to choose a system that has been precision engineered and rigorously tested to meet OSHA requirements. Some other important considerations include:

Anchorage structure
The I-beam, rebar stud, concrete column or roof you attach your system to can dictate the type of system required.

Portable or permanent
Temporary jobs require portable systems that can be moved efficiently from one location to another. For hazardous areas that need to be accessed often, a permanent solution may be a better choice.

Lifeline type
Synthetic lines are lightweight and compact, while galvanized or stainless steel offer enhanced corrosion and abrasion resistance.

Number of users
Consider the number of workers required and choose a system that can accommodate them safely.

Clearance requirements
The distance between the work area and the next level or obstruction below is called “fall clearance.” Anchorage height, type of lifeline and length are some of the factors that will affect the required clearance needed.
These systems incorporate a modular, multi-base design that accommodates a wide range of steel and concrete beams.

- Interchangeable stanchions—great for steel and concrete applications.
- Lightweight and portable.
- Fast and easy setup and use.
- Single and multi-span options available.
- Pass-through bracket provides 100% tie-off capability.
- Integrated 3M™ DBI-SALA® Zorbit™ Energy Absorber limits forces on structure.

**Steel I-Beam Applications**
- Single clamp and wing nut design.
- Adjustments made from top of beam.
- Fits flanges 6 in.-12 in. wide, 2-1/4 in. thick.
- Optional bases for 18 in., 24 in. and 36 in. widths.

**Concrete rebar & shear stud applications**
- Simply attach with torque wrench.
- Simple chain tie-back connection.
- Fits 1/2 in.-1 in. diameter (#4-#8 rebar) and 4 in.-12 in. center to center.

### 3M™ DBI-SALA® SecuraSpan™ Horizontal Lifeline Systems

Complete single span system includes two stanchions (7400047) and cable assembly with tensioner and Zorbit™ Energy Absorber. 60 ft. (18.3 m)

**Selection guide:**

<table>
<thead>
<tr>
<th></th>
<th>20 ft.</th>
<th>30 ft.</th>
<th>40 ft.</th>
<th>50 ft.</th>
<th>60 ft.</th>
<th>Stanchion (7400047)</th>
<th>Tie-Back Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-Beam</td>
<td>7400420</td>
<td>7400430</td>
<td>7400440</td>
<td>7400450</td>
<td>7400460</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rebar/Shear Stud</td>
<td>7400620</td>
<td>7400630</td>
<td>7400640</td>
<td>7400650</td>
<td>7400660</td>
<td></td>
<td>7400215</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>7400214</td>
<td></td>
</tr>
</tbody>
</table>

Systems shown with intermediate stanchion—sold separately.

### 3M™ DBI-SALA® SecuraSpan™ Loop Rebar Horizontal Lifeline Systems

These easy-to-install complete single-span systems include two stanchions and cable assembly with tensioner and Zorbit™ Energy Absorber.

**Selection guide:**

<table>
<thead>
<tr>
<th></th>
<th>20 ft.</th>
<th>30 ft.</th>
<th>40 ft.</th>
<th>50 ft.</th>
<th>60 ft.</th>
<th>Stanchion (7400045)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7400320</td>
<td>7400330</td>
<td>7400340</td>
<td>7400350</td>
<td>7400360</td>
<td></td>
</tr>
</tbody>
</table>

System shown with intermediate stanchion—sold separately.
### 3M™ DBI-SALA® SecuraSpan™ I-Beam System Components

**7400087**
Perpendicular I-Beam System Components
Stanchion with Perpendicular I-Beam Base
No tie back, fits 8 in.-14 in. flange.

**7400086**
Perpendicular I-Beam Base Only
Fits 8 in.-14 in. flange.

**7400089**
Perpendicular Pass-Through Kit

**Selection guide:**

<table>
<thead>
<tr>
<th>Component</th>
<th>6 in.-12 in. Flange</th>
<th>12 in.-18 in. Flange</th>
<th>18 in.-24 in. Flange</th>
<th>24 in.-36 in. Flange</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stanchion with I-Beam Base</td>
<td>7400047</td>
<td>7400055</td>
<td>7400056</td>
<td>7400057</td>
</tr>
<tr>
<td>I-Beam Base Only</td>
<td>7400052</td>
<td>7400065</td>
<td>7400066</td>
<td>6700067</td>
</tr>
<tr>
<td>Stanchion with I-Beam Base for 3-3/8 in. Thick Flange</td>
<td>Fits up to 3-3/8 in. thick, 6 in.-12 in. wide</td>
<td>Fits up to 3-3/8 in. thick, 12 in.-18 in. wide</td>
<td>Fits up to 3-3/8 in. thick, 18 in.-24 in. wide</td>
<td>Fits up to 3-3/8 in. thick, 24 in.-36 in. wide</td>
</tr>
</tbody>
</table>

Lifeline options for all systems—cable assembly with turnbuckle and Zorbit™ Energy Absorber are available in 10 ft. increments. Cable assemblies over 60 ft. include two Zorbit™ Energy Absorbers.

### 3M™ DBI-SALA® SecuraSpan™ Rebar System Components

**7400215**
Stanchion with Rebar/Shear Stud Base
Pass-through and end anchor brackets.

**7400053**
End-Anchor Retro-Fit Kit
With rebar/shear stud base, tie-back assembly, end-anchor and pass-through bracket.

**7400054**
Intermediate Retro-Fit Kit
With rebar/shear stud base and pass-through bracket.

**7400214**
Tie-Back Base and Chain Assembly

### 3M™ DBI-SALA® SecuraSpan™ Loop System Components

**7400045**
Stanchion with Loop Rebar Base and Pass-Through Bracket
This is a lightweight, easy-to-use lifeline system that you can install, remove and store quickly.
- Built-in winch.
- Customizable in any length up to 60 ft.
- Built-in pre-tension and impact indicators.
- Two worker capacity.

7600002
Replacement EZ-Line Handle Assembly
See product instruction manual for complete clearance information.

These systems are highly portable and can be used for situations where welding, sparks or harsh environments are present, or where minimum clearance exists.
- Includes cable lifeline assembly with wedge grip termination, tensioner and 3M™ DBI-SALA® Zorbit™ Shock Absorber.
- Durable all-metal system can be left in place for long periods.
- Easy to relocate at next location or site.
- Use with any 5,000 lb. anchorage device.
- Two worker capacity.

Selection guide:

<table>
<thead>
<tr>
<th>20 ft.</th>
<th>30 ft.</th>
<th>40 ft.</th>
<th>50 ft.</th>
<th>60 ft.</th>
<th>70 ft.</th>
<th>80 ft.</th>
<th>90 ft.</th>
<th>100 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7602020</td>
<td>7602030</td>
<td>7602040</td>
<td>7602050</td>
<td>7602060</td>
<td>7602070</td>
<td>7602080</td>
<td>7602090</td>
<td>7602100</td>
</tr>
</tbody>
</table>

See product instruction manual for complete clearance information.
3M™ DBI-SALA® Sayfline™ Synthetic Horizontal Lifeline Systems

Lightweight, easy-to-install and portable systems that can be used for maintenance, bridge work, construction and general industry applications.

- Installs without special tools or equipment.
- Easy to relocate to next location or site.
- Kernmantle rope lifeline with tensioner and shock absorber.
- Capacity of two workers.

Selection guide:

<table>
<thead>
<tr>
<th>Length</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 ft.</td>
<td>7600502</td>
</tr>
<tr>
<td>30 ft.</td>
<td>7600503</td>
</tr>
<tr>
<td>40 ft.</td>
<td>7600504</td>
</tr>
<tr>
<td>50 ft.</td>
<td>7600505</td>
</tr>
<tr>
<td>60 ft.</td>
<td>7600506</td>
</tr>
<tr>
<td>70 ft.</td>
<td>7600507</td>
</tr>
<tr>
<td>80 ft.</td>
<td>7600508</td>
</tr>
<tr>
<td>90 ft.</td>
<td>7600509</td>
</tr>
<tr>
<td>100 ft.</td>
<td>7600510</td>
</tr>
</tbody>
</table>

See product instruction manual for complete clearance information.

3M™ DBI-SALA® SecuraSpan™ Pour-in-Place Horizontal Lifeline Systems

These lightweight and portable systems install to column tops, providing an overhead tie-off point during the decking process. Complete system includes two stanchions (7400203), and cable assembly with tensioner and 3M™ DBI-SALA® Zorbit™ Energy Absorber.

- Fast and easy setup and use.
- Single and multi-span options with unlimited length.
- Pass-through design provides protection for up to two workers.

Selection guide:

<table>
<thead>
<tr>
<th>Length</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 ft.</td>
<td>7400220</td>
</tr>
<tr>
<td>30 ft.</td>
<td>7400230</td>
</tr>
<tr>
<td>40 ft.</td>
<td>7400240</td>
</tr>
<tr>
<td>50 ft.</td>
<td>7400250</td>
</tr>
<tr>
<td>60 ft.</td>
<td>7400260</td>
</tr>
</tbody>
</table>

See product instruction manual for complete clearance information.
3M™ DBI-SALA® SecuraSpan™ Pour-in-Place Accessories

7400203 Stanchion Assembly
7 ft. 6 in. tall.

7400200 Intermediate Bracket
 Allows system to be configured into multi-span type

7400201 Concrete Sleeve
 For pour-in-place post horizontal lifeline systems.

7400211 Clamp-On Vertical Base
 Clamps to existing vertical steel and concrete structures, zinc-plated steel construction.

7400218 Bolt-On Vertical Base
 Bolts to vertical steel and concrete structures, zinc-plated steel construction.

7400222 Weld-On Vertical Base
 Welds to vertical steel structures, steel C-channel construction.

8530267 Bolt-On Floor Base
 Bolts to steel and concrete horizontal surfaces, zinc-plated steel construction.

• Allows use of standard 5,000 lb. rated anchors.
• Lightweight, compact and easy to set up and use.
• Simple design makes integration easy.

Accessory products:
1. Cable clips - 9501563
2. O-rings - 9503880
3. Thimbles - 9506596
4. Turnbuckle - 7002050
5. Wedge Grip Horizontal Lifeline Termination Device - 7608008
6. Zorbit™ Energy Absorber - 7401013

Selection guide:

<table>
<thead>
<tr>
<th>7401013</th>
<th>7401031</th>
<th>7401032</th>
<th>7401033</th>
<th>7600580</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zorbit™ Energy Absorber only</td>
<td>Zorbit™ Energy Absorber with 2 shackles, bolts, nuts</td>
<td>Zorbit™ Energy Absorber with 2 shackles, bolts, nuts, turnbuckle</td>
<td>Zorbit™ Energy Absorber with 3 shackles, bolts, nuts, turnbuckle, thimbles, cable clips</td>
<td>Zorbit™ Energy Absorber with 3 shackles, bolts, nuts, turnbuckle, thimbles, cable clips with wedge grip, 2 O-rings</td>
</tr>
</tbody>
</table>
These horizontal lifeline systems aren't just easy to use—they're easy to install with the support of our network of certified installers. Call customer service for more information.

- Pre-engineered or customized.
- Provides continuous fall protection.
- Shouldn't conflict with other building safety systems.

See page 35 for more information on 3M™ DBI-SALA® Engineered Systems.

Comparison guide:

<table>
<thead>
<tr>
<th></th>
<th>EZ-Line™</th>
<th>Sayfline™ Synthetic</th>
<th>Sayfline™ Cable</th>
<th>Multi-Span</th>
<th>SecuraSpan™</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Length</td>
<td>60 ft.</td>
<td>100 ft.</td>
<td>100 ft.</td>
<td>180 ft.</td>
<td>600+ ft.</td>
</tr>
<tr>
<td>Maximum Span Length</td>
<td>60 ft.</td>
<td>100 ft.</td>
<td>100 ft.</td>
<td>30 ft.</td>
<td>60 ft. w/ stanchions, 100 ft.</td>
</tr>
<tr>
<td>Minimum Anchorage Strength</td>
<td>5,000 lbs.</td>
<td>3,600 lbs.</td>
<td>5,000 lbs.</td>
<td>5,000 lbs.</td>
<td>5,000 lbs.</td>
</tr>
<tr>
<td>Multi-spans Allowed</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Maximum Number of Spans</td>
<td>Many</td>
<td>100 ft.</td>
<td>1</td>
<td>12</td>
<td>Many</td>
</tr>
<tr>
<td>Maximum Users on System</td>
<td>6</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Maximum Users on Span</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>420 lb. Capacity</td>
<td>Yes, derate system to single person per span.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy Absorber</td>
<td>Brake and reserve line Zorbit™ used on multi-span setups</td>
<td>In-line energy Shock Pack</td>
<td>1 Zorbit™ for 60 ft. span or less, 2 Zorbit™ are required for more than 60 ft.</td>
<td>1 Zorbit™ for 30 ft. single span, 2 Zorbit™ for multiple spans</td>
<td>1 Zorbit™ for up to 60 ft. single span, use second Zorbit™ for multiple spans</td>
</tr>
<tr>
<td>Fall Clearance Saved</td>
<td>2 ft.</td>
<td>7 ft. 2 in.</td>
<td>3 ft. 11 in.</td>
<td>1 ft. 4 in. for 10 ft.-30 ft. span</td>
<td>3 ft. 11 in.</td>
</tr>
<tr>
<td>Amount of Slope Allowed</td>
<td>15 degrees</td>
<td>5 degrees</td>
<td>5 degrees</td>
<td>5 degrees</td>
<td>5 degrees</td>
</tr>
</tbody>
</table>

System Must Limit Average "Arresting Forces To" 900 lbs. or less

Proper Tensioning of Cable
- Unit handle will "click" at correct tension
- Turn tensioning nut until tensioner slips, 350-450 lbs. of tension
- Turn turnbuckle until tension gauge reads "OK." 6 in. or less sag in wire w/o any weight
- Turn turnbuckle until 2 in. or less sag in wire at mid-point w/o any weight
- Turn turnbuckle until 6 in. or less sag in wire w/o any weight

Inspection
- User should inspect before each use.
- Annual inspection by competent person.
- Qualified person should be involved with installation and use per OSHA.
Sayfline™ Horizontal Systems are designed for “off-the-shelf” user installation. Custom sizes are available, call customer service for more information.

- Completely customizable, including span length, total system length and even final installation position.
- Provides 100% continuous fall protection for two workers when they are properly attached to the appropriate lifeline.
- One-piece sleeve bypasses intermediates and freely moves with you.
- System includes lifeline, intermediate bracket (one per 30 ft. span), termination hardware, tensioner and two Zorbit™ Energy Absorbers.

### Selection guide:

<table>
<thead>
<tr>
<th></th>
<th>20 ft.</th>
<th>40 ft.</th>
<th>60 ft.</th>
<th>80 ft.</th>
<th>100 ft.</th>
<th>120 ft.</th>
<th>140 ft.</th>
<th>160 ft.</th>
<th>180 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galvanized</td>
<td>7603020</td>
<td>7603040</td>
<td>7603060</td>
<td>7603080</td>
<td>7603100</td>
<td>7603120</td>
<td>7603140</td>
<td>7603160</td>
<td>7603180</td>
</tr>
<tr>
<td>Stainless</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steel</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Contact Customer Service for part numbers.

Sayflink sleeve sold separately.

### Sayfline™ Accessories

**7608001**
Intermediate Bracket
For multi-span systems.

**7608002**
Sayflink™ Sleeve
For Sayfline™ Multi-Span Horizontal Lifeline system.
Vertical fall protection systems allow workers to move up and down the entire height of the lifeline rather than having to disconnect and find new tie-off points along the way. Some important considerations when selecting a system include:

**Portable or permanent**
Temporary jobs require lightweight and easy-to-use portable systems with synthetic lifelines that can be moved from one location to another. For structures that are accessed often, a permanent solution is a better choice.

**Mobile or fixed**
Mobile rope grab or ladder sleeve designs automatically follow the user for easy operation. Fixed devices allow the user to fix the unit in place for positioning or restraint applications.

**The rules have changed**
OSHA's final rule to update general industry walking-working surfaces and fall protection standards (29 CFR 2910) means that outdoor advertising fixed ladders over 24 feet will require ladder safety or personal fall arrest systems. It also means that fixed ladder cages and wells must be phased out and replaced by ladder safety or fall arrest systems by 2036.
Help to make your structures safe and accessible. Optional configurations include welded or bolted, straight or curved ladders, wood, concrete or steel structures and a variety of rung clamp sizes and styles. These systems are a versatile and economical solution for many applications.

1. **Standard top bracket**
   Galvanized top bracket with mounting hardware. For systems up to 499 ft. (152 m) high, fits up to 1-1/8 in. (2.85 cm) rung diameter and attaches to three rungs. Includes built-in energy absorber.

2. **Standard bottom bracket**
   Fits up to 1-1/8 in. (2.85 cm) rung diameter and attaches to two rungs. Galvanized bottom bracket includes built-in tension indicator.

3. **Cable guide**
   Non-metallic cable guide with mounting hardware. For systems up to 199 ft. (60.6 m), fits up to 1-1/8 in. (2.85 cm) rung diameter. Recommend one every 25 ft. (7.6 m)

4. **Cable lifeline**
   Galvanized cable, 3/8 in. (9.5 mm) diameter, 1 x 7 type. Last three digits in part number indicate length.

5. **Lad-Saf X3 Detachable Cable Sleeve**
   Climbing sleeve for better climbing performance and fall protection.

**Easy to climb**
The Lad-Saf X3 Detachable Cable Sleeve automatically follows the climber during ascent or descent. In the event of a fall, the sleeve immediately locks onto the cable and remains locked until the user can regain their footing.

**Tension indicator**
Integrated tension-indicating bottom bracket takes the guesswork out of installation.

**Customizable**
Hundreds of different brackets, styles and configurations to suit almost any application.

**Corrosion-resistant construction**
Galvanized and stainless steel construction stands up to harsh environments for added longevity.

**Shock-absorbing design**
Integrated shock-absorbing top bracket reduces forces imposed on ladder structure during a fall.

**Protected from wear**
Intermediate cable guides help prevent cable wear against the ladder while permitting the climber to bypass without disconnecting.
**6100090**
3M™ DBI-SALA® Lad-Saf™ Bottom Bracket
Standard galvanized bottom bracket with mounting hardware. Fits up to 1-1/8 in. (2.85 cm) rung diameter, attaches to two rungs, built-in tensioning device.

**6100400**
Lad-Saf Cable Guide
Non-metallic cable guide with mounting hardware. For systems up to 199 ft. (60.6 m), fits up to 1-1/8 in. (2.85 cm) rung diameter. 3M recommends one every 25 ft. (7.6 m)

6100515 Cable Guide (L-shaped) and hardware for systems over 200 ft. (61 m)

**Lad-Saf Cable Lifeline**
Durable high strength steel construction. Galvanized construction stands up to harsh environments for maintenance free longevity.

---

### Cable Lifeline general specifications and materials

<table>
<thead>
<tr>
<th></th>
<th>6110XXX</th>
<th>6152XXX</th>
<th>6130XXX</th>
<th>6154XXX</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Diameter</strong></td>
<td>3/8 in. (9.5 mm)</td>
<td>3/8 in. (9.5 mm)</td>
<td>3/8 in. (9.5 mm)</td>
<td>3/8 in. (9.5 mm)</td>
</tr>
<tr>
<td><strong>Strand</strong></td>
<td>1 x 7</td>
<td>1 x 7</td>
<td>7 x 19</td>
<td>7 x 19</td>
</tr>
<tr>
<td><strong>Steel</strong></td>
<td>Galvanized</td>
<td>Stainless</td>
<td>Galvanized</td>
<td>Stainless</td>
</tr>
<tr>
<td><strong>Preformed</strong></td>
<td>Left, Regular Lay</td>
<td>Left, Regular Lay</td>
<td>Right, Regular Lay</td>
<td>Right, Regular Lay</td>
</tr>
<tr>
<td><strong>Compliance</strong></td>
<td>ASTM A475</td>
<td>ASTM A368</td>
<td>RR-W-410</td>
<td>RR-W-410</td>
</tr>
<tr>
<td><strong>Breaking strength</strong></td>
<td>15,400 lbs. minimum</td>
<td>18,000 lbs. minimum</td>
<td>14,400 lbs. minimum</td>
<td>12,000 lbs. minimum</td>
</tr>
</tbody>
</table>

Last three digits in part number indicate length.

---

### System Kits

System Kits include 616280 Top Bracket, 610090 Bottom Bracket, 3/8 in. 1 x 7 galvanized cable with designated length and cable guides where required.

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6100897</td>
<td>6100898</td>
<td>6100877</td>
<td>6100909</td>
</tr>
<tr>
<td></td>
<td>17 ft. Lad-Saf System Kit</td>
<td>20 ft. Lad-Saf System Kit</td>
<td>30 ft. Lad-Saf System Kit</td>
<td>45 ft. Lad-Saf System Kit</td>
</tr>
<tr>
<td></td>
<td>6100876</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>100 ft. Lad-Saf System Kit</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Coming Soon:**

3M™ DBI-SALA® Lad-Saf™ Flexible Cable Vertical Safety System

Redesigned to streamline installation with up to 72% fewer loose components compared to current generation. ANSI Z359.16 compliant.

Distributed by Engineered Fall Protection | Sales@EngineeredFallProtection.com | (314) 492-4422 | www.EngineeredFallProtection.com
Part numbers will vary based on tower design. Call customer service for detailed parts list for telecommunications structures.
Steel Pole Ladder Safety System

6116250
Top Bracket for Steel Pole
Weld-on for monopole towers.

6116261
Top Bracket for Steel Pole
Bolt-on for monopole towers.

Ladder Accessories

6116336
Grab Bar Extension
Slides into Top Bracket (6116054) of fixed ladder safety system and provides the user with a tie off point (for lanyard) when connecting or disconnecting from the system's lifeline.

6116054
Top Bracket Assembly
For use with 6116336 (replaces standard 6116280 Top Bracket).

6116026
Ladder Anchor Post
Galvanized removable extension with eye-bolt anchor to attach 3-way SRL.

6116027
Galvanized Bottom Mounting Bracket
Attaches 6116026 to ladder.

5901980
Ladder Gate
Designed to help protect you from the dangers (and liability) of unauthorized ladder access.
Fits ladder widths up to 20 in. (50.8 cm). Mounting hardware included.
Aluminum construction
8 ft. (2.4 m) height x 36 in. (91.4 cm) width.

Distributed by Engineered Fall Protection | Sales@EngineeredFallProtection.com | (314) 492-4422 | www.EngineeredFallProtection.com
The Rigid Rail System consists of top and bottom entry/exit gates, rail joints and multiple mounting bracket options designed to mount the rigid aluminum rail to the structure. You can configure to an existing ladder or customize a system with integrated ladder pegs when no ladder exists. Various clamps are available to attach to almost any structure.

Shock-absorbing design
Integrated energy absorber reduces forces imposed on system and worker.

Easy to climb
Automatically follows the user and locks in the event of a fall.

Ladder rung clamps
A variety of rung clamps designed for installation at multiple anchor points along the system length.

Customizable
Different clamps and configurations available.

Corrosion-resistant construction
Stands up to harsh environments for added longevity.

Standard Ladder

1 6000352
Top Ladder Rail Gate
Allows user to easily attach shuttle to the system and helps prevent accidental removal from the system.

2 6000120
Ladder Rung Clamp
Attaches rail to ladder structure. Use within 1 ft. (0.3 cm) of rail splice and one at least every 5 ft. (1.5 m)

3 6000033
Standard Rail
Anodized extruded aluminum rail x 6.56 ft. (2 m)
6000031  3.25 ft. (1 m) Rail Section
6000032  9.84 ft. (3 m) Rail Section

4 6000100
Rail Joint
Attaches two rail sections together.

5 6000377
Shuttle
Climbing shuttle automatically follows user and locks onto rail during a fall.

6 6000375
Bottom Standard Rail Gate
Allows user to easily attach shuttle to the system and helps prevent accidental removal from the system.
Integrated Ladder

1. **6000354**
   Top Ladder Rail Gate
   Allows user to easily attach shuttle to the system and helps prevent accidental removal from the system.

2. **6000132**
   Angle Iron Clamp
   Attaches rail to angled iron structure. Other clamp styles available.

3. **6000298**
   Step Bolt
   Attaches to ladder rail to create climbing pegs.

4. **6000100**
   Rail Joint
   Attaches two rail sections together.

5. **6000307**
   Ladder Rail
   Anodized extruded aluminum rail with step bolt holes x 7.87 ft. (2.4 m)
   - 6000301 1.96 ft. (0.6 m) Ladder Rail Section
   - 6000302 2.95 ft. (0.9 m) Ladder Rail Section
   - 6000303 3.93 ft. (1.2 m) Ladder Rail Section
   - 6000304 4.92 ft. (1.5 m) Ladder Rail Section
   - 6000306 5.90 ft. (1.8 m) Ladder Rail Section

6. **6000377**
   Shuttle
   Climbing shuttle automatically follows user and locks onto rail during a fall.

7. **6000375**
   Bottom Ladder Rail Gate
   Allows user to easily attach shuttle to the system and helps prevent accidental removal from the system.
3M™ DBI-SALA® Climb Assist Systems

Powered Systems
Climb internal ladders on wind energy towers smarter with our climb assist system. Designed to be used in conjunction with a ladder safety system, it includes top and bottom pulley assemblies, wire cable, wire cable grip, motor control assembly and cable tensioning system.

Adjustable force settings
Provides five discrete force level settings.

Adapts to environment
Unique “adaptive” motor control system adjusts to conditions and climbing speed.

Effortless ascent and descent
Personalized system adjustment of 55-120 lbs. (25-55 kg) for a variety of user weights.

Simple installation
Plug-n-play portable motor control unit design enables simple installation to cable tensioning unit.

Global compatibility
System accommodates a power supply range of 110-240 Vac, 50-60 Hz.

Maximum portability
20 lb. (9 kg) portable motor control unit is easily transported to support multiple systems and towers.

Tower Kit

1 6160039 Tower Kit
2 6160041 Tensioning Assembly
3 6160040 Top & Bottom Bracket Pulley Assemblies
4 6100031 Wire Cable Swage Connections
5 6160027 Wear Pad Kit
Nylon pads, stainless steel screws, drill bit and tap.
6 6160028 Wire Cable
3/16 in. (4.8 mm) x 656 ft. (200 m). 7 x 19 strand core. Galvanized steel wire.

6160051 Motor Control Assembly

9506929 Power Cord (NEMA 5-15P)
Accessories

6160026 Wire Cable Grip with Carabiner
Carabiner: 11/16 in. (17.7 mm) gate opening, 3,600 lb. (16 kN) gate strength, with captive eye installed. Wire Cable Grip: 3/16 in. (4.8 mm) cable sleeve.

6160024 Twin-Leg Lanyard Assembly with Wire Cable Grip (optional)
Two Carabiners: 11/16 in. (17.7 mm) gate opening, 3,600 lb. (16 kN) gate strength, with captive eye installed. Wire Cable Grip: 3/16 in. (4.8 mm) cable sleeve. Webbing: Yellow nylon, 7/8 in. (22.2 mm) width x 11-1/4 in. (285.8 mm) length.

1113452 ExoFit NEX™ Powered Climb Assist Harness
Wind energy harness with 16 in. (406 mm) climb assist straps located off hips (XLarge).
- 1113449 Small
- 1113450 Medium
- 1113451 Large
- 1113453 2X

For use with Wire Cable Grip with Carabiner (6160026)—order separately.

SSB Systems

Supports workers’ motions and provides fall protection while climbing tall ladders and towers. Great for on-shore and off-shore drilling platforms.

Added safety
Counterweight includes a runaway brake as a backup safety measure.

Ultimate flexibility
No limit to length of system.

Enhanced durability
Aluminum housing and steel drum resist corrosion.

1 3511063 SSB Safety Block
Climb assist main block pulley assembly.

2 3512XXX Lifeline Assembly
Galvanized 1/4 in. (6.3 cm) 7 x 19 cable assembly with rung and belt hook (last three digits in part number signify length).

3530XXX Stainless Steel Lifeline Assembly

3 3511783 Mounting bracket
Attaches safety block to structure. Fits round rungs up to 3/4 in. (1.9 cm) diameter or square rungs up to 9/16 in. (1.4 cm) per side.

3511785 Mounting bracket, fits round rungs over 3/4 in. (1.9 cm) up to 1-1/2 in. (3.8 cm) diameter or square rungs over 9/16 in. and up to 1-1/2 in. (3.8 cm) per side.

4 3511598 Counterweight Assembly
80 lb. (36.3 kg) counterweight with integrated runaway brake system.
5000335
3M™ DBI-SALA®
Lad-Saf™ Mobile Rope Grab
Detachable design can be attached or removed anywhere along lifeline. For use on 3M approved 5/8 in. (16 mm) polyester/polypropylene rope lifeline. Use with 3 ft. (0.9 m) shock-absorbing lanyard.

5002045 Lad-Saf Rope Grab with attached EZ-Stop™ Shock-Absorbing Lanyard x 3 ft. (0.9 m)

5001442 Lad-Saf Rope Grab for use on 3M approved 3/4 in. (19 mm) polyester/polypropylene rope lifeline x 3 ft. (0.9 m). For use with 3 ft. shock-absorbing lanyard.

5000400
Rope Grab Kit
Complete rope grab system in a bag for convenient fall protection compliance on the job. Kit includes:
Mobile Rope Grab (5000335)
Shock-Absorbing Lanyard (1246012)
Lifeline x 50 ft. (1202794)
Counterweight (5901583)
Tie-Off Adapter (1003000)
Carrying Bag (9511597)

5000401 Rope Grab Kit with 100 ft. (30 m) Lifeline (1202844) and Carrying Bag. (9503806)

5901583
Counterweight
5.7 lb. (2.6 kg) flexible counterweight keeps lifeline taught. Heavy-duty nylon construction. Built-in web loop for easy attachment to lifeline. Compact and portable design. Equipped with RFID.

Rope Lifelines
Blended Rope Lifeline Assemblies feature additional abrasion and UV resistance for added durability, longevity and safety. Various styles and lengths are available to suit any need.

<table>
<thead>
<tr>
<th>Lifeline material</th>
<th>Hook style</th>
<th>Lifeline diameter (inch/mm)</th>
<th>25 ft. (7.6 m)</th>
<th>30 ft. (9 m)</th>
<th>50 ft. (15 m)</th>
<th>75 ft. (22 m)</th>
<th>100 ft. (30 m)</th>
<th>150 ft. (45 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyester/polyester blend</td>
<td>Snap hook at one end</td>
<td>5/8 in. (15.9 mm)</td>
<td>1202742</td>
<td>1202754</td>
<td>1202794</td>
<td>1202821</td>
<td>1202844</td>
<td>1202879</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3/4 in. (19.05 mm)</td>
<td>1202739</td>
<td>1202750</td>
<td>1202785</td>
<td>1202818</td>
<td>1202838</td>
<td>1202877</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5/8 in. (15.9 mm)</td>
<td>1202740</td>
<td>1202753</td>
<td>1202790</td>
<td>1202823</td>
<td>1202842</td>
<td>1202878</td>
</tr>
</tbody>
</table>

Custom sizes available.

1246037
3M™ DBI-SALA®
EZ-Stop™ Rope Adjuster
Installs at top or bottom of the lifeline. Durable and lightweight, corrosion resistant construction. For use on 3M approved 5/8 in. (16 mm) rope lifeline. Equipped with RFID.

5000338
Lad-Saf Wire Rope Grab
Manual design for use in extremely abrasive or corrosive environments. For use on 3M approved 3/8 in. (9.5 mm) 7 x 19 galvanized or stainless steel cable. Use with 4 ft. (1.2 m) shock-absorbing lanyard.
Flexibility for demanding worksites.

Meet the fall protection needs of your unique worksite with a safety system designed specifically for your application. A 3M certified specialist will help you with options for the selection, installation, training and use of your engineered system. Contact customer service to find a certified specialist to assist you.

Contact Sales@EngineeredFallProtection.com to find a certified specialist today.

*The number of system users and span lengths must be verified by the calculation software.

Overhead Applications

- Specifically designed to meet the needs of transport and industrial applications.
- Can be used for work at height on trains, trucks, aircraft, crane walkways and loading bays.
- Supports self-retracting lifelines and controlled rate descent devices up to 33.1 lbs.
- Allows up to 200 ft. single span for one user and up to 100 ft. single span for multiple users.*
3M™ DBI-SALA® Engineered Systems

Wall and Floor Applications

- Engineered lifeline systems can be used for modern building projects, refurbishments and industrial safety applications.
- Can be fitted to steel beams, concrete and brickwork.
- Suitable for use on older roof constructions in conjunction with fabricated anchor posts.*

*Not supplied by 3M Fall Protection.

Contact Sales@EngineeredFallProtection.com to find a certified specialist today.
No two jobs or job sites are the same. Whether you’re working on airplanes or oil rigs, you need a secure anchor point to get the job done. 3M™ DBI-SALA® Flexiguard™ Solutions are designed to help provide large, safe working areas with overhead anchor points for one or more workers in a variety of challenging situations. These systems are versatile, lightweight and exceptionally mobile with minimal personnel input. Rugged enough for harsh indoor or outdoor applications, these systems are great for the transportation, construction, oil and gas, mining and utilities industries.
• Three base mounting* options to fit almost any need.
• 360-degree rotational mast—rotation handle included for turning system into working position.
• Rotation locking system enables fixed mast position or an adjustable rotation range.
• Glide rail and trolley keeps anchor point overhead.
• Easy to move with a pallet jack or forklift.
• OSHA compliant.*

It’s easy to spec your own 3M™ DBI-SALA® Engineered Modular Unit:
1. Choose from several fixed position and portable counterweighted base options.
3. Add accessories like a lifting ring kit, stabilizing jack kit or rescue mounting kit.

For ordering information, contact your local sales representative or call customer service at 800-328-6146 (Opt. 1).

Fixed Height System

<table>
<thead>
<tr>
<th>Anchor height</th>
<th>Offset</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 ft.</td>
<td>7 ft.</td>
<td>1</td>
<td>8530571</td>
</tr>
</tbody>
</table>

Adjustable Height Jib Systems

<table>
<thead>
<tr>
<th>Anchor height</th>
<th>Offset</th>
<th>Concrete</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 ft.-15 ft.</td>
<td>7 ft.</td>
<td>n/a</td>
<td>1</td>
<td>8530557</td>
</tr>
<tr>
<td>13 ft.-20 ft.</td>
<td>7 ft.</td>
<td>n/a</td>
<td>1</td>
<td>8530558</td>
</tr>
<tr>
<td>15 ft.-25 ft.</td>
<td>7 ft.</td>
<td>n/a</td>
<td>1</td>
<td>8530559</td>
</tr>
<tr>
<td>15 ft.-24 ft.</td>
<td>7 ft.</td>
<td>without</td>
<td>2</td>
<td>8530538**</td>
</tr>
<tr>
<td>15 ft.-24 ft.</td>
<td>7 ft.</td>
<td>with</td>
<td>2</td>
<td>8530768**</td>
</tr>
</tbody>
</table>

**Indicates a complete system that includes counterweight base.

Base Configurations

<table>
<thead>
<tr>
<th>Base type</th>
<th>Concrete</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flush Floor Mount</td>
<td>n/a</td>
<td>8530564</td>
</tr>
<tr>
<td>Top Floor Mount</td>
<td>n/a</td>
<td>8530565</td>
</tr>
<tr>
<td>5,000 lb. Counterweight</td>
<td>with</td>
<td>8530566</td>
</tr>
<tr>
<td>5,000 lb. Counterweight</td>
<td>without</td>
<td>8530621</td>
</tr>
<tr>
<td>7,700 lb. Extended Reach Counterweight</td>
<td>with</td>
<td>8530570</td>
</tr>
<tr>
<td>7,700 lb. Extended Reach Counterweight</td>
<td>without</td>
<td>8530666</td>
</tr>
</tbody>
</table>

**3M™ DBI-SALA® SafRig™ System**

- Excellent for applications that require a large work area in a limited space.
- Smaller frame allows trucks to be parked side-by-side without requiring the vehicle to act as an anchoring force.
- 360-degree rotational boom provides 5 ft. working offset—periscoping handle included.
- Counterweight base solutions available with or without concrete.
- OSHA compliant.*

### SafRig™ with Outrigger Base

<table>
<thead>
<tr>
<th>Base</th>
<th>Anchor height</th>
<th>Offset</th>
<th>PPE Kit*</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 ft. x 15 ft.</td>
<td>20 ft.</td>
<td>5 ft. 10 in.</td>
<td>not included</td>
<td>1</td>
<td>8530607</td>
</tr>
<tr>
<td>15 ft. x 15 ft.</td>
<td>20 ft.</td>
<td>5 ft. 10 in.</td>
<td>included</td>
<td>1</td>
<td>8530579</td>
</tr>
</tbody>
</table>

### SafRig™ with Counterweight Base

<table>
<thead>
<tr>
<th>Base</th>
<th>Anchor height</th>
<th>Offset</th>
<th>PPE Kit*</th>
<th>Concrete</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 ft. 6 in.</td>
<td>20 ft.</td>
<td>5 ft. 9 in.</td>
<td>not included</td>
<td>with</td>
<td>1</td>
<td>8530606</td>
</tr>
<tr>
<td>4 ft. 6 in.</td>
<td>20 ft.</td>
<td>5 ft. 9 in.</td>
<td>not included</td>
<td>without</td>
<td>1</td>
<td>8530619</td>
</tr>
<tr>
<td>4 ft. 6 in.</td>
<td>20 ft.</td>
<td>5 ft. 9 in.</td>
<td>included</td>
<td>with</td>
<td>1</td>
<td>8530595</td>
</tr>
<tr>
<td>4 ft. 6 in.</td>
<td>20 ft.</td>
<td>5 ft. 9 in.</td>
<td>included</td>
<td>without</td>
<td>1</td>
<td>8530620</td>
</tr>
</tbody>
</table>

*Complies with requirements of OSHA 29 CFR 1910.140 and 1926.502.*

**PPE Kit includes: 20 ft. (6.1 m) 3M™ DBI-SALA® Ultra-Lok™ Self-Retracting Lifeline with 3M™ DBI-SALA® Saflok™ Carabiner and 25 ft. (7.6 m) tagline.*
3M™ DBI-SALA® Counterweight Jib

- Great mobility and fall protection for one person.
- 360-degree rotating jib.
- Forklift pockets on all four sides for ease of movement and placement.
- Base includes four heavy-duty lifting rings.
- OSHA compliant.*

**Counterweight Jib Systems**

- Periscoping rotation handles included for turning the system into working position.
- Counterweight bases available with or without concrete.
- Glide rail and trolley keeps anchor point overhead.
- Offers increased offset over Engineered Modular Unit and 3M™ DBI-SALA® SafRig™ models.

<table>
<thead>
<tr>
<th>Anchor height</th>
<th>Offset</th>
<th>Concrete</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.75 ft.</td>
<td>8 ft.</td>
<td>without</td>
<td>1</td>
<td>8517750</td>
</tr>
<tr>
<td>16.75 ft.</td>
<td>8 ft.</td>
<td>with</td>
<td>1</td>
<td>8517751</td>
</tr>
<tr>
<td>20.67 ft.</td>
<td>8 ft.</td>
<td>without</td>
<td>1</td>
<td>8517752</td>
</tr>
<tr>
<td>20.67 ft.</td>
<td>8 ft.</td>
<td>with</td>
<td>1</td>
<td>8517753</td>
</tr>
<tr>
<td>23.67 ft.</td>
<td>8 ft.</td>
<td>without</td>
<td>1</td>
<td>8517754</td>
</tr>
<tr>
<td>23.67 ft.</td>
<td>8 ft.</td>
<td>with</td>
<td>1</td>
<td>8517755</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Pivoting Jib Booms

**No-Base Systems**

- Attaches to supporting, fixed structures (I-beam on the jobsite).
- Mounting clamps, plates and hardware included with systems.
- Rotates 180 degrees and locks every 7.5 degrees.
- Installed rail with trolley.

<table>
<thead>
<tr>
<th>Boom height</th>
<th>Offset</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBD by end user</td>
<td>20 ft.</td>
<td>1</td>
<td>8530433</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Counterweighted System

- Helps easily create an overhead anchor point for multiple workers.
- Portable system lets you position close to the work surface without obstructing the equipment being accessed.
- Systems available with or without concrete counterweight on base.
- Great for areas with no overhead obstructions or door height restrictions.
- Includes one rail with two trolleys, heavy-duty leveling jacks and tag line assist.
- OSHA compliant.*

<table>
<thead>
<tr>
<th>Anchor height</th>
<th>Rail width</th>
<th>Offset</th>
<th>Weighted</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 ft.</td>
<td>32 ft.</td>
<td>8 ft.</td>
<td>not included</td>
<td>2</td>
<td>8517760</td>
</tr>
<tr>
<td>22 ft.</td>
<td>32 ft.</td>
<td>8 ft.</td>
<td>included</td>
<td>2</td>
<td>8517761</td>
</tr>
<tr>
<td>22 ft.</td>
<td>42 ft.</td>
<td>8 ft.</td>
<td>not included</td>
<td>2</td>
<td>8517762</td>
</tr>
<tr>
<td>22 ft.</td>
<td>42 ft.</td>
<td>8 ft.</td>
<td>included</td>
<td>2</td>
<td>8517763</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® C-Frame System

- Designed to be moved manually or with a tow bar and service vehicle.
- Requires some clearance under equipment being accessed to accommodate the outrigger support legs.
- Adjustable by manually cranking winch.
- Great for areas with overhead obstructions or door height restrictions.
- Includes one rail with two trolleys and heavy-duty leveling jacks.
- OSHA compliant.*

<table>
<thead>
<tr>
<th>Anchor Height</th>
<th>Rail Width</th>
<th>Wheels</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.5 ft.-19 ft.</td>
<td>10 ft.</td>
<td>16 in. Pneumatic</td>
<td>2</td>
<td>8517701</td>
</tr>
<tr>
<td>12.5 ft.-19 ft.</td>
<td>20 ft.</td>
<td>16 in. Pneumatic</td>
<td>2</td>
<td>8517705</td>
</tr>
<tr>
<td>17.5 ft.-28.75 ft.</td>
<td>15 ft.</td>
<td>16 in. Pneumatic</td>
<td>2</td>
<td>8517707</td>
</tr>
<tr>
<td>17.5 ft.-28.75 ft.</td>
<td>20 ft.</td>
<td>16 in. Pneumatic</td>
<td>2</td>
<td>8517709</td>
</tr>
<tr>
<td>22.5 ft.-38.75 ft.</td>
<td>15 ft.</td>
<td>16 in. Pneumatic</td>
<td>2</td>
<td>8517711</td>
</tr>
<tr>
<td>22.5 ft.-38.75 ft.</td>
<td>20 ft.</td>
<td>16 in. Pneumatic</td>
<td>2</td>
<td>8517713</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® A-Frame System

- Provides a secure anchor point on portable structures.
- Can provide fall protection for two workers with the right configuration.
- Easily moved from one job site to the next.
- OSHA compliant.*

Fixed Height Systems

- Systems contain a single rail rated for two users.
- Great for areas with overhead obstructions or door height restrictions.
- Systems include heavy-duty leveling jacks.

<table>
<thead>
<tr>
<th>Anchor Height</th>
<th>Rail Width</th>
<th>Wheels</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 ft.</td>
<td>15 ft.</td>
<td>16 in. Caster</td>
<td>2</td>
<td>8517790</td>
</tr>
<tr>
<td>15 ft.</td>
<td>20 ft.</td>
<td>16 in. Caster</td>
<td>2</td>
<td>8517791</td>
</tr>
<tr>
<td>15 ft.</td>
<td>30 ft.</td>
<td>16 in. Caster</td>
<td>2</td>
<td>8517792</td>
</tr>
<tr>
<td>20 ft.</td>
<td>15 ft.</td>
<td>16 in. Caster</td>
<td>2</td>
<td>8517793</td>
</tr>
<tr>
<td>20 ft.</td>
<td>20 ft.</td>
<td>16 in. Caster</td>
<td>2</td>
<td>8517794</td>
</tr>
<tr>
<td>20 ft.</td>
<td>30 ft.</td>
<td>16 in. Caster</td>
<td>2</td>
<td>8517795</td>
</tr>
<tr>
<td>30 ft.</td>
<td>15 ft.</td>
<td>16 in. Caster</td>
<td>2</td>
<td>8517796</td>
</tr>
<tr>
<td>30 ft.</td>
<td>20 ft.</td>
<td>16 in. Caster</td>
<td>2</td>
<td>8517797</td>
</tr>
<tr>
<td>30 ft.</td>
<td>30 ft.</td>
<td>16 in. Caster</td>
<td>2</td>
<td>8517798</td>
</tr>
</tbody>
</table>

Adjustable Height Systems

- Adjust using an overhead crane, forklift or powered system.
- Great for areas with overhead obstructions and door height limitations.
- Systems include two rails for bypassing trolleys and heavy-duty leveling jacks.

<table>
<thead>
<tr>
<th>Anchor Height</th>
<th>Rail Width</th>
<th>Wheels</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 ft.-22.5 ft.</td>
<td>20 ft.</td>
<td>16 in. Pneumatic</td>
<td>2</td>
<td>8517780</td>
</tr>
<tr>
<td>16 ft.-22.5 ft.</td>
<td>30 ft.</td>
<td>16 in. Pneumatic</td>
<td>2</td>
<td>8517781</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Freestanding Ladder System

- Easy access fall protection for up to two users.
- Systems include guardrails and heavy-duty leveling jacks.
- Manual height adjustment via winch assembly.
- OSHA compliant.*

<table>
<thead>
<tr>
<th>Platform height</th>
<th>System type</th>
<th>Wheels</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.75 ft.-15.5 ft.</td>
<td>Portable ladder</td>
<td>16 in. Pneumatic</td>
<td>2</td>
<td>8517715</td>
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<tr>
<td>14.5 ft.-23 ft.</td>
<td>Portable ladder</td>
<td>16 in. Pneumatic</td>
<td>2</td>
<td>8517717</td>
</tr>
<tr>
<td>18.25 ft.-31 ft.</td>
<td>Portable ladder</td>
<td>16 in. Pneumatic</td>
<td>2</td>
<td>8517719</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tow Bar</td>
<td>8518240</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Sky Anchor System

- Provides 360-degree mobility with 6 ft. safe working radius from anchor.
- Collapsible and lightweight aluminum design allows for easy setup.
- OSHA compliant.*

<table>
<thead>
<tr>
<th>Anchor height</th>
<th>Offset</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.25 ft.</td>
<td>6 ft.</td>
<td>1</td>
<td>8530152</td>
</tr>
<tr>
<td>18.75 ft.</td>
<td>6 ft.</td>
<td>1</td>
<td>8530161</td>
</tr>
<tr>
<td>21.25 ft.</td>
<td>6 ft.</td>
<td>1</td>
<td>8530387</td>
</tr>
<tr>
<td>23.25 ft.</td>
<td>7 ft.</td>
<td>1</td>
<td>8530320</td>
</tr>
</tbody>
</table>

Sky Anchor Base Configurations

- Each base option can be used with each Sky Anchor option.
- Base options are rated for one user.

<table>
<thead>
<tr>
<th>Base image</th>
<th>Base type</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top floor mount</td>
<td>8530210</td>
<td></td>
</tr>
<tr>
<td>Core mount sleeve</td>
<td>8530314</td>
<td></td>
</tr>
<tr>
<td>Flush floor mount</td>
<td>8530162**</td>
<td></td>
</tr>
</tbody>
</table>

**Base Cap option can be used with this base.
3M™ DBI-SALA® Trailer Mounted Anchor System

- Provides a standalone solution, leveraging an integrated counterweight.
- Overhead anchorage points up to 21 ft. for two users.
- Quickly raises and lowers with integrated winch and handle.
- Includes heavy-duty stabilizing jacks.
- OSHA compliant.*
- System rated for off-road use only. Not allowed for use on highways or public roads.

<table>
<thead>
<tr>
<th>Anchor height</th>
<th>Offset</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.5 ft.</td>
<td>4 ft.</td>
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<td>8530690</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Applies to</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive Clutch Assembly</td>
<td>8530624, 8530690, 8530691</td>
<td>8548000</td>
</tr>
<tr>
<td>Job Box</td>
<td>8530690</td>
<td>8530678</td>
</tr>
<tr>
<td>Outrigger Pads</td>
<td>8530690, 8530691</td>
<td>8548050</td>
</tr>
</tbody>
</table>

8530690 (attachment not included)

The gear you need. The savings you want.

Trade-in or trade-up to get rebates on high-quality 3M™ DBI-SALA® and 3M™ Protecta® Fall Protection.

We’re so confident you’ll love our fall protection products, that we’ll let you trade in your current gear and give you a rebate on new purchases. Harnesses, SRLs, lanyards and more—we’re including over 1,200 products to choose from.

If you already use 3M Fall Protection products, you can trade-up to get rebates on gear with more features and benefits.

It’s a great time to assess your equipment and make the switch to 3M™ DBI-SALA® and 3M™ Protecta® Fall Protection.

Calculate your rebate at go.3M.com/FPtradein.

New 3M customers can Trade-in:

- Trade in competitive fall protection products
- Purchase comparable qualifying 3M Fall Protection products
- Receive a cash rebate

Existing 3M customers can Trade-up:

- Trade in current 3M Fall Protection products
- Purchase new, upgraded qualifying 3M Fall Protection products
- Receive a cash rebate

* Comparable qualifying products means anchor for anchor, harness for harness, etc. Except as noted in the Terms & Conditions.

** Upgraded qualifying products means current 3M customer must purchase a higher value comparable product to qualify for a rebate. (Example: Delta™ Harness traded in for an ExoFit NEX™ Harness. ExoFit NEX™ Harness for ExoFit™ STRATA™ Harness. 3M™ Protecta® SRL for 3M™ DBI-SALA® SRL.)

Offer subject to change without notice. Requires digital copy of your receipt of purchase from a 3M authorized distributor and digital images proving your old equipment was taken out of service (e.g. Harnesses with D-rings cut off, SRLs & Lanyards with hooks cut off), End users and/or distributors responsible for collecting and disposing of trade-in/trade-up products. Must follow requirements online to receive rebate. Distributors and wholesalers excluded. End user rebate only. Visit go.3M.com/FPtradein for full terms and conditions.
Full-Body Harnesses

Choose harness features:

1. **Dorsal connection**
   The fall arrest attachment point located on the back, between the shoulders. Some allow for SRL attachment without pulling up the webbing or impeding use of the D-ring.

2. **Webbing**
   Should be strong enough to endure rough use and exposure to weather without tearing or fraying. Specialty applications may require Nomex®/Kevlar® fibers or nylon that offers fire resistance or arc flash protection.

3. **Adjusting points**
   Often found on legs, waist (belt models), chest and torso to allow a better fit. Some models may include revolving buckles that can be easily turned to help store and lock excess webbing in place.

4. **Leg straps**
   Leg strap fasteners come in different styles, including tongue buckles, pass-through buckles and quick-connect buckles.

5. **Pelvic support**
   Provides additional support, security and comfort, and can better distribute forces during a fall arrest event.

6. **Padding**
   Cushioning relieves pressure to provide extra comfort, absorb energy and helps redistribute weight in a fall arrest event. May be removable or built-in to reduce slipping.

7. **Seat slings**
   Removable and provides versatility and added comfort during long shifts.

8. **Impact indicators**
   Provide immediate notice that the harness has been impact-loaded, simplifying inspection.

9. **Lanyard keepers**
   Provide a place to park your lanyard when not in use, helping reduce tripping and entanglement hazards.

10. **Lining**
    Some models feature breathable lining that wicks moisture away from your body to help keep you dry and comfortable.

11. **Trauma straps**
    Easily deploy and hook together in seconds, allowing you to stand up while suspended in harness to relieve suspension trauma.

Next: Choose your model ➤
3M™ DBI-SALA® Full-Body Harnesses

Comfort. Productivity. Safety. No matter what you’re looking for in a safety harness, we’ve got you covered with a full line of options and features to suit your style. Just find your size and climb with confidence.

ExoFit™ STRATA™
Premium, all-day comfort harness
- Patented design redistributes weight off wearer’s shoulders.
- Lightweight aluminum D-rings.
- Easy-linking SRL adapter & standup D-ring simplify connections.
- Mesh padding enhances breathability and comfort.
- Revolving adjusters maintain fit and lock excess webbing in place.
- Quick-connecting buckles enhance productivity.
- 420 lb. capacity (Model shown #1112538).

ExoFit NEX™
Full-featured comfort fit harness
- Revolving adjusters maintain fit and lock excess webbing in place.
- Lightweight aluminum D-rings.
- Quick-connecting buckles enhance productivity.
- Non-slip, moisture-wicking padding.
- Water repellent coating resists mold and dirt.
- Standup dorsal D-ring simplifies connections.
- 420 lb. capacity (Model shown #1113130).

ExoFit NEX™ Arc Flash
Comfortable, ASTM F887 compliant harness
- Flame-resistant Nomex®/Kevlar® webbing rated to 7,000 lbs.
- Revolving adjusters maintain fit and lock excess webbing in place.
- Conductive-resistant, PVC-coated aluminum D-rings.
- Leather insulators help prevent contact between hardware and body.
- Comfortable, lightweight arc flash-rated padding.
- Quick-connecting buckles enhance productivity.
- 420 lb. capacity (Model shown #1113318).

Select your work:

<table>
<thead>
<tr>
<th>Construction</th>
<th>Tower Climbing</th>
<th>Vest</th>
<th>Crossover</th>
<th>Wind Energy</th>
<th>Mining</th>
<th>Iron Work</th>
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</thead>
<tbody>
<tr>
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<table>
<thead>
<tr>
<th>Oil &amp; Gas</th>
<th>Rope Access/Rescue</th>
<th>Lineman</th>
<th>Positioning</th>
<th>Scaffolding</th>
<th>Arc Flash/Hot Work Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>3</td>
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<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>
ExoFit™
Original comfort fit harness
- Ultra-soft edging resists chafing.
- Easily-adjustable torso buckles.
- Quick-connect buckles allow for one-handed donning.
- Cushioned pads designed to resist slipping off shoulders.
- Ballistic nylon construction resists abrasion.
- 420 lb. capacity (Model shown #1107981).

Delta™ Comfort
Entry-level comfort harness
- Revolving adjusters maintain fit and lock excess webbing in place.
- Ventilated shoulder, back and leg padding helps keep wearer cool.
- Sewn-in dorsal pad holds personal SRLs and helps eliminate slippage.
- Visual indicators alert wearer if harness has been impact-loaded.
- Rigid tool belt allows for up to 60 lbs. of tools.
- Tongue buckle legs simplify adjustment.
- 420 lb. capacity (Model shown #1100798).

Delta™
Entry-level harness
- Revolving adjusters maintain fit and lock excess webbing in place.
- Tangle-free design falls into place when donned.
- Ergonomic hip pad supports back and hips.
- Quick-connect buckles enhance productivity.
- Water repellent coating resists mold and dirt.
- Standup dorsal D-ring simplifies connections.
- 420 lb. capacity (Model shown #1110575).

Select your size:

<table>
<thead>
<tr>
<th>Height - ft./in. (m)</th>
<th>Weight - lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4'10&quot; (1.47)</td>
<td>120 (54)</td>
</tr>
<tr>
<td>5'0&quot; (1.52)</td>
<td>160 (73)</td>
</tr>
<tr>
<td>5'2&quot; (1.58)</td>
<td>180 (82)</td>
</tr>
<tr>
<td>5'4&quot; (1.63)</td>
<td>200 (91)</td>
</tr>
<tr>
<td>5'6&quot; (1.68)</td>
<td>220 (100)</td>
</tr>
<tr>
<td>5'8&quot; (1.73)</td>
<td>240 (109)</td>
</tr>
<tr>
<td>5'10&quot; (1.78)</td>
<td>260 (118)</td>
</tr>
<tr>
<td>6'0&quot; (1.83)</td>
<td>280 (127)</td>
</tr>
<tr>
<td>6'2&quot; (1.88)</td>
<td>300 (136)</td>
</tr>
<tr>
<td>6'4&quot; (1.93)</td>
<td>320 (145)</td>
</tr>
<tr>
<td>6'6&quot; (1.98)</td>
<td>340 (154)</td>
</tr>
<tr>
<td>6'8&quot; (2.03)</td>
<td>360 (163)</td>
</tr>
</tbody>
</table>

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3M™ DBI-SALA® ExoFit™ STRATA™
Full-Body Harnesses

Lighten up with the first harness to feature an innovative load distribution system that literally takes the weight off your shoulders.

- Patented design redistributes weight off wearer’s shoulders.
- Lightweight aluminum D-rings.
- Easy-linking SRL adapter & standup D-ring simplify connections.
- Mesh padding enhances breathability and comfort.
- Revolving adjusters maintain fit and lock excess webbing in place.
- 420 lb. capacity (Model shown #1112588).
- Quick-connecting buckles enhance productivity.

These harnesses feature a special removable seat sling used for tower work.

### Selection guide:

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Small</th>
<th>Medium</th>
<th>Large</th>
<th>XLarge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triple Action</td>
<td>Triple Action</td>
<td>1B, 1C</td>
<td>1112580</td>
<td>1112581</td>
<td>1112582</td>
<td>1112583</td>
</tr>
<tr>
<td>Triple Action</td>
<td>Tongue Buckle</td>
<td>1B, 1C, 2H</td>
<td>1112585</td>
<td>1112586</td>
<td>1112587</td>
<td>1112588</td>
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</tbody>
</table>

1112588
### Construction-Style Harnesses

**Selection guide:**

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Small</th>
<th>Medium</th>
<th>Large</th>
<th>XLarge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Connect</td>
<td>Quick Connect</td>
<td>1B, 2H</td>
<td>1112500</td>
<td>1112501</td>
<td>1112502</td>
<td>1112503</td>
</tr>
<tr>
<td>Triple Action</td>
<td>Triple Action</td>
<td>1B, 2H</td>
<td>1112535</td>
<td>1112536</td>
<td>1112537</td>
<td>1112538</td>
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<tr>
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<td>Triple Action</td>
<td>1B, 1C, 2H</td>
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<td>1112541</td>
<td>1112542</td>
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<tr>
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<td>1B, 1C, 2H, 2S</td>
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<td>1B, 2H</td>
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<td>Quick Connect</td>
<td>1B, 1C, 2H</td>
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<tr>
<td>Triple Action</td>
<td>Tongue Buckle</td>
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<tr>
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</tr>
</tbody>
</table>

### Vest-Style Harnesses

These harnesses include the same great features of the ExoFit™ STRATA™ without the integrated load distribution system.
3M™ DBI-SALA® ExoFit NEX™
Full-Body Harnesses

Comfortable and lightweight. Functional and durable. These harnesses are engineered to perform and built to last.

- Revolving adjusters maintain fit and lock excess webbing in place.
- Non-slip, moisture-wicking padding and soft edging.
- Lightweight aluminum D-rings.
- Integrated trauma straps to minimize suspension trauma.
- Quick-connecting buckles enhance productivity.
- Water repellent coating resists mold and dirt.
- Reflective material enhances visibility in the dark.
- Built-in carrying pocket for phones or radios.
- Standup dorsal D-ring simplifies connections.
- 420 lb. capacity (Model shown #1113130).

3M™ DBI-SALA® ExoFit NEX™
Vest-Style Full-Body Harnesses

Vest-Style Harnesses are the most universal, with multiple configurations and connection point options. They’re used across a wide variety of industries.

Selection guide:

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Small</th>
<th>Medium</th>
<th>Large</th>
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<td>Quick Connect</td>
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<td>1113055</td>
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3M™ DBI-SALA® ExoFit NEX™
Crossover-Style Harnesses

A front-mounted D-ring makes the crossover-style a great choice for a rescue harness and for ladder climbing applications.

Selection guide:

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Small</th>
<th>Medium</th>
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</thead>
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<td>1113100</td>
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<td>Quick Connect</td>
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<td>1113106</td>
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<td>1113112</td>
<td>1113115</td>
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</tbody>
</table>
Tower-climbing models are built to keep workers comfortable during extended hours in harness. Tool loops are used for carrying equipment and the removable seat sling adds more comfort for all-day use.

Selection guide:

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Small</th>
<th>Medium</th>
<th>Large</th>
<th>XLarge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Connect</td>
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<td>1113192</td>
<td>1113193</td>
</tr>
</tbody>
</table>

Made for general construction work, these harnesses have excellent tool-carrying capability, a sewn-in protective hip pad to prevent sagging and a removable tongue buckle body belt.

Selection guide:

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Small</th>
<th>Medium</th>
<th>Large</th>
<th>XLarge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Connect</td>
<td>Quick Connect</td>
<td>1B, 2H</td>
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<td>1113124</td>
<td>1113127</td>
<td>1113130</td>
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<tr>
<td>Quick Connect</td>
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<td>1113154</td>
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<tr>
<td>Quick Connect</td>
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<td>1B, 2H</td>
<td>1113136</td>
<td>1113139</td>
<td>1113142</td>
<td>1113145</td>
</tr>
</tbody>
</table>

Meets major global compliance standards including ANSI, OSHA, CSA and CE. Convenient features include a radio/phone holster, sewn-in hip pad with belt and an optional, replaceable lumbar protector (*starred products only).

Selection guide:

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
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<th>Medium</th>
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<th>XLarge</th>
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</thead>
<tbody>
<tr>
<td>Quick Connect</td>
<td>Quick Connect</td>
<td>1B, 1C, 2H</td>
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<td>1113216*</td>
<td>1113217*</td>
<td>1113218*</td>
</tr>
<tr>
<td>Quick Connect</td>
<td>Quick Connect</td>
<td>1B, 1C, 2H</td>
<td>1113210</td>
<td>1113211</td>
<td>1113212</td>
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</tbody>
</table>

Features integrated hip padding and equipment straps that allow for convenient carrying of equipment that miners need to get the job done.

Selection guide:

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
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<th>Medium</th>
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<th>XLarge</th>
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<tr>
<td>Quick Connect</td>
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3M™ DBI-SALA® ExoFit NEX™
Oil & Gas Full-Body Harnesses

Selection guide:

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<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
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</thead>
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<tr>
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<td>1113296</td>
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<tr>
<td>Quick Connect</td>
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<td>1113290</td>
<td>1113291</td>
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<td>1113293</td>
</tr>
<tr>
<td>Pass-Through</td>
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<td>1113306</td>
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<tr>
<td>Quick Connect</td>
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<td>1B, 2H</td>
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<td>1113286</td>
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</table>

Developed specifically for the needs of the on-shore and off-shore drilling markets, including seat slings, an 18 in. D-ring extension and derrick attachments.

3M™ DBI-SALA®
Derrick Belt

Selection guide:

<table>
<thead>
<tr>
<th>Attachment</th>
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<th>Medium</th>
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<th>XLarge</th>
<th>Use with Harness</th>
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</thead>
<tbody>
<tr>
<td>Tongue Buckle</td>
<td>1003230</td>
<td>1003220</td>
<td>1003221</td>
<td>1003222</td>
<td>1113298 or 1113288</td>
</tr>
<tr>
<td>Pass-Through</td>
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<td>1000573</td>
<td>1000570</td>
<td>1113293</td>
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</tbody>
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10003222

3M™ DBI-SALA® ExoFit NEX™
Rope Access & Rescue Harnesses

Selection guide:

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
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<th>XLarge</th>
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</thead>
<tbody>
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<td>1113370</td>
<td>1113371</td>
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</table>

Specially designed multi-use harnesses with hybrid comfort padding, optimized for rope rescue and industrial rope access work. Used for rescue/emergency services, industrial rope access and rigging, wind energy and tower maintenance, or arborist activities.
Full-Body Harnesses

3M™ DBI-SALA® ExoFit NEX™ Arc Flash

All the comfort, function and durability you expect, paired with the flame resistance and conductive-resistant construction needed for high voltage electricity or hot-work, like welding. Meets arc flash standard specifications for personal climbing equipment as well as ANSI Z359 and CSA requirements.

- Flame-resistant Nomex®/Kevlar® webbing rated to 7,000 lbs.
- Revolving adjusters maintain fit and lock excess webbing in place.
- Flame-resistant trauma straps.
- Conductive-resistant, PVC-coated aluminum D-rings.
- Leather insulators help prevent contact between hardware and body.
- Comfortable, lightweight arc flash-rated padding and soft edging.
- Quick-connecting buckles enhance productivity.
- Tested to perform to ASTM F887 for personal climbing equipment.
- 420 lb. capacity (Model shown 1113318).

Vest-Style Full-Body Harnesses

Selection guide:

<table>
<thead>
<tr>
<th>Harness Type</th>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Small</th>
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<th>XLarge</th>
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<tbody>
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<td>Positioning</td>
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<td>Quick Connect</td>
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<tr>
<td>Rescue</td>
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<td>Quick Connect</td>
<td>1B Loop, 2C Loops</td>
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<td>1113326</td>
<td>1113327</td>
<td>1113328</td>
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<tr>
<td>Climbing</td>
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<td>Quick Connect</td>
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<td>1113331</td>
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<tr>
<td>Construction</td>
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</tr>
</tbody>
</table>

3M™ DBI-SALA® ExoFit NEX™ Arc Flash

These harnesses feature Nomex®/Kevlar® fiber webbing, PVC coated D-rings and comfort padding.

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3M™ DBI-SALA® ExoFit NEX™ Arc Flash
Construction-Style Harnesses

Selection guide:

<table>
<thead>
<tr>
<th>Harness Type</th>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Small</th>
<th>Medium</th>
<th>Large</th>
<th>XLarge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
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<td>Quick Connect</td>
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<td>1113316</td>
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<td>1113318</td>
</tr>
<tr>
<td>Tower Climbing AFK</td>
<td>Quick Connect</td>
<td>Quick Connect</td>
<td>1B, 2H, Seat Sling</td>
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3M™ DBI-SALA® ExoFit NEX™ Arc Flash
Full-Body Harnesses

Selection guide:

<table>
<thead>
<tr>
<th>Harness Type</th>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Small</th>
<th>Medium</th>
<th>Large</th>
<th>XLarge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rope Access/Rescue</td>
<td>Quick Connect</td>
<td>Quick Connect</td>
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<td>1113762</td>
<td>1113763</td>
<td>1113764</td>
</tr>
<tr>
<td>Rope Access/Rescue</td>
<td>Quick Connect</td>
<td>Quick Connect</td>
<td>1B, 2H</td>
<td>1113768</td>
<td>1113774</td>
<td>1113781</td>
<td>1113786</td>
</tr>
<tr>
<td>Rope Access/Rescue</td>
<td>Quick Connect</td>
<td>Quick Connect</td>
<td>1B, 2H</td>
<td>1113757</td>
<td>1113758</td>
<td>1113759</td>
<td>1113760</td>
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<tr>
<td>Lineman with 2D Belt</td>
<td>Quick Connect</td>
<td>Quick Connect</td>
<td>1B, 2H</td>
<td>1113676</td>
<td>1113682</td>
<td>1113688</td>
<td>1113692</td>
</tr>
</tbody>
</table>

With an integrated hip pad and body belt, these harnesses have excellent tool-carrying capabilities, allow work positioning and provide added back support.

For Lineman Belts and Harnesses, see page 62.
3M™ DBI-SALA® ExoFit™
Full-Body Harnesses

Simple and comfortable. These harnesses feature a single piece of material that wraps around you in the shape of an X to reduce tangling and provide additional security.

- Soft edging resists chafing.
- Easily-adjustable torso buckles.
- Quick-connect buckles allow for one-handed donning.
- Cushioned pads designed to resist slipping off shoulders.
- Breathable lining helps keep you comfortably dry.
- Ballistic nylon construction resists abrasion.
- Reflective piping enhances visibility in low lighting.
- Back D-ring rated to 5,000 lb. minimum tensile strength.
- 420 lb. capacity (Model shown #1107981).

Vest-style harnesses are the most universal, with multiple configurations and connection point options. They’re used across a wide variety of industries.

**Selection guide:**

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
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<td>1107981</td>
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<td>Quick Connect</td>
<td>1B, 1C</td>
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<tr>
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<td>Quick Connect</td>
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<td>1108581</td>
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<tr>
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<td>Quick Connect</td>
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<td>Quick Connect</td>
<td>Tongue Buckle</td>
<td>1B</td>
<td>1109356</td>
<td>1109355</td>
<td>1109357</td>
<td>1109358</td>
</tr>
</tbody>
</table>

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3M™ DBI-SALA® ExoFit™
Crossover-Style Harnesses
A front-mounted D-ring makes the crossover-style a great choice for ladder climbing and rescue applications.

Selection guide:

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Small</th>
<th>Medium</th>
<th>Large</th>
<th>XLarge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Connect</td>
<td>Quick Connect</td>
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<td>1108677</td>
<td>1108682</td>
</tr>
<tr>
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<td>Quick Connect</td>
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</tbody>
</table>

1108706

3M™ DBI-SALA® ExoFit™
Construction-Style Positioning Harnesses
Made for general construction work, these harnesses have excellent tool-carrying capability, a sewn-in hip pad and removable body belt.

Selection guide:

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Small</th>
<th>Medium</th>
<th>Large</th>
<th>XLarge</th>
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</thead>
<tbody>
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<td>1108979</td>
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<tr>
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<td>Quick Connect</td>
<td>1B, 2H</td>
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</tbody>
</table>

1108519

3M™ DBI-SALA® ExoFit™
Derrick Harnesses
Comfortable and easy to don for monkey and tubing board operators. Includes connections for an optional derrick belt (1000570) to enhance comfort while positioning for the next drilling pipe. Vest style, 18 in. D-ring extension.

Selection guide:

<table>
<thead>
<tr>
<th>Shoulder Buckles</th>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
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<tr>
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<td>Quick Connect</td>
<td>Tongue Buckle</td>
<td>2B</td>
<td>1100300</td>
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<td>1100302</td>
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</table>

1100303

3M™ DBI-SALA® ExoFit™
Wind Energy Harnesses
Our wind industry harnesses meet the major global compliance standards including ANSI, OSHA, CSA and CE. Includes reinforced lumbar area for added back support and integrated trauma straps.

Selection guide:

<table>
<thead>
<tr>
<th>Harness Type</th>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
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</thead>
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<tr>
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<td>1102341</td>
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<tr>
<td>Tower Climbing</td>
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<td>Quick Connect</td>
<td>1B, 1C, 2H</td>
<td>1108650</td>
<td>1108651</td>
<td>1108652</td>
<td>1108657</td>
</tr>
<tr>
<td>Iron Worker’s</td>
<td>Quick Connect</td>
<td>Tongue Buckle</td>
<td>1B, 2H</td>
<td>1100530</td>
<td>1100531</td>
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<td>1100533</td>
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</table>

1108657
3M™ DBI-SALA® Delta™ Comfort Full-Body Harnesses

Combines innovative technologies with popular features, making them the workhorse of the industry.

- Revolving adjusters maintain fit and lock excess webbing in place.
- Vented shoulder, back and leg padding helps keep wearer cool.
- Sewn-in dorsal pad holds personal SRLs and helps eliminate slippage.
- Visual indicators alert wearer if harness has been impact-loaded.
- Rigid tool belt allows for up to 60 lbs. of tools.
- Tongue buckle legs simplify adjustment.
- Equipped with 3M™ Connected Safety RFID tag.
- 420 lb. capacity (Model shown #1100798).

3M™ DBI-SALA® Delta™ Comfort
Full-Body Harnesses

<table>
<thead>
<tr>
<th>Selection guide:</th>
<th>Harness Type</th>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Small</th>
<th>Medium</th>
<th>Large</th>
<th>XLarge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vest-Style Climbing</td>
<td>Quick Connect</td>
<td>Quick Connect</td>
<td>1B, 1C</td>
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<tr>
<td>Vest-Style</td>
<td>Quick Connect</td>
<td>Tongue Buckle</td>
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<td>Quick Connect</td>
<td>1B, 2H</td>
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<td>1100796</td>
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<td>Quick Connect</td>
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<tr>
<td>Vest-Style</td>
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<td>Quick Connect</td>
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<td>Scaffolding</td>
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</tr>
</tbody>
</table>
3M™ DBI-SALA® Delta™
Full-Body Harnesses

Tough and versatile. These harnesses include popular features and support your back and hips while bearing heavy loads to maximize your comfort.

- Revolving adjusters maintain fit and lock excess webbing in place.
- Tangle-free design falls into place when donned.
- Ergonomic hip pad supports back and hips.
- Quick-connect buckles enhance productivity.
- Water repellent coating resists mold and dirt.
- Impact indicator simplifies safety inspections.
- Lanyard keepers help reduce trip hazards.
- Standup dorsal D-ring simplifies connections.
- Arc flash-rated models available.
- 420 lb. capacity (Model shown #1110575).

3M™ DBI-SALA® Delta™
Vest-Style Harnesses

Vest-style harnesses are widely used, with multiple configurations and connection point options. They’re used across a wide variety of industries.

Selection guide:

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Universal Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pass-Through</td>
<td>Pass-Through</td>
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</tr>
<tr>
<td>Pass-Through</td>
<td>Tongue Buckle</td>
<td>1B, 2S</td>
<td>1101254</td>
</tr>
<tr>
<td>Quick Connect</td>
<td>Quick Connect</td>
<td>1B, 2S</td>
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<td>Tongue Buckle</td>
<td>1B</td>
<td>1102000</td>
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<td>Quick Connect</td>
<td>1B</td>
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<td>1103321</td>
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<td>Tongue Buckle</td>
<td>1B, 2H</td>
<td>1102008</td>
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<tr>
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<td>Quick Connect</td>
<td>1B, 2H</td>
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<td>Pass-Through</td>
<td>1B, 2H</td>
<td>1103875</td>
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<tr>
<td>Quick Connect</td>
<td>Quick Connect</td>
<td>1B, 1C</td>
<td>1102090</td>
</tr>
<tr>
<td>Pass-Through</td>
<td>Tongue Buckle</td>
<td>1B, 1C</td>
<td>1107807</td>
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<tr>
<td>Pass-Through</td>
<td>Pass-Through</td>
<td>1B, 1C</td>
<td>1112126</td>
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<tr>
<td>Pass-Through</td>
<td>Parachute Buckle</td>
<td>1B</td>
<td>1102001</td>
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<tr>
<td>Quick Connect</td>
<td>Pass-Through</td>
<td>1B, Conductive-resistant hardware</td>
<td>1104725</td>
</tr>
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</table>
## Full-Body Harnesses

3M™ DBI-SALA® Delta™

### Construction-Style Harnesses

Made for general construction work, these harnesses have excellent tool-carrying capability, a sewn-in hip pad and removable body belt.

**Selection guide:**

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Small</th>
<th>Medium</th>
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<th>XLarge</th>
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<tbody>
<tr>
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<td>1107809</td>
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</tbody>
</table>

### Crossover-Style Harnesses

A front-mounted D-ring makes the crossover-style a great choice for ladder climbing and rescue applications.

**Selection guide:**

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Universal Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pass-Through</td>
<td>Pass-Through</td>
<td>1B, 2H</td>
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<td>1B</td>
<td>1103513</td>
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<td>Tongue Buckle</td>
<td>1B, loops for belt</td>
<td>1102025</td>
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</table>

### Iron Worker’s Vest

Made for general construction work, these harnesses have excellent tool-carrying capability, a sewn-in hip pad and removable body belt.

**Selection guide:**

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder)</th>
<th>Small</th>
<th>Medium</th>
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<th>XLarge</th>
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</thead>
<tbody>
<tr>
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<td>Pass-Through</td>
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<td>1106452</td>
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<td>Pass-Through</td>
<td>Tongue Buckle</td>
<td>1B, 2H</td>
<td>1106403</td>
<td>1106404</td>
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<td>1106408</td>
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<tr>
<td>Tongue Buckle</td>
<td></td>
<td>1B, 1C, 2H</td>
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<tr>
<td>Quick Connect</td>
<td></td>
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<td>1103355</td>
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</table>

**Distributed by Engineered Fall Protection | Sales@EngineeredFallProtection.com | (314) 492-4422 | www.EngineeredFallProtection.com**
3M™ DBI-SALA® Delta™ Arc Flash Harnesses

Tested to perform in accordance with the stringent ASTM F887 Standard Specification for Personal Climbing Equipment. Features 7,000 lb. nylon web and leather insulators.

Selection guide:

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>Web Loop (Back, Front)</th>
<th>Small</th>
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<tr>
<td>N/A</td>
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<td>1110751</td>
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<td>Quick Connect</td>
<td>Quick Connect</td>
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<td>1110780</td>
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<tr>
<td>Quick Connect</td>
<td>Tongue Buckle</td>
<td>1B, 2F</td>
<td>1110773</td>
<td>1110774</td>
<td>1110783</td>
<td>1100784</td>
</tr>
</tbody>
</table>

Harness Type | Chest Buckle | Leg Buckles | D-rings (Back, Hips, Chest) | Universal Size
-------------|--------------|-------------|------------------------------|----------------
Standard     | Pass-Through | Pass-Through| 1B                           | 1110830
Vest         | Quick Connect| Quick Connect| Back Loop                   | 1110820
Crossover    | Pass-Through | Pass-Through| 1B, 1C, 2H                  | 1110940

1150058
3M™ DBI-SALA® Delta™ Arc Flash Kit
Includes 1110752 Delta Arc Flash Nylon Harness with web loop and Arc Flash Shock-Absorbing Lanyard, 6 ft. (1246305), with bag. (XLarge)
1150054 Kit with Large harness (1110752)

With heat-resistant and flame-retardant Nomex®/Kevlar® fiber webbing, these harnesses have a 700° Fahrenheit char temperature. 310 lbs. (140 Kg) capacity.

Selection guide:

| Harness Type | Chest Buckle | Leg Buckles | D-rings (Back, Hips, Chest, Shoulder) | Universal Size
|--------------|--------------|-------------|------------------------------|----------------
| Vest         | Pass-Through | Pass-Through| 1B                           | 1105475
| Crossover    | N/A          | Pass-Through| 1B, 1C, 2H                  | 1104775
| Vest         | Pass-Through | Pass-Through| 1B                           | 1104625
| Vest         | Quick Connect| Quick Connect| 1B                           | 1109975
**3M™ DBI-SALA® Delta Vest™**

**Hi-Vis Work Vest Harnesses**

Our sleeveless waist-length vests feature a built-in harness for high visibility while working at-height, day or night. They meet ANSI class II requirements for high visibility vests.

### Selection guide:

<table>
<thead>
<tr>
<th>Style</th>
<th>Leg Buckles</th>
<th>D-rings (Back)</th>
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<tbody>
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<tr>
<td>Yellow Reflective</td>
<td>Quick Connect</td>
<td>1B</td>
<td>1111584</td>
</tr>
<tr>
<td>Blue Non-Reflective</td>
<td>Quick Connect</td>
<td>1B</td>
<td>1115676</td>
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<tr>
<td>Hi-Vis Orange Reflective</td>
<td>Tongue Buckle</td>
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<td>Hi-Vis Yellow Reflective</td>
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<td>Blue Non-Reflective</td>
<td>Tongue Buckle</td>
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<td>1107416</td>
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</table>

**3M™ DBI-SALA® Delta Vest™**

**Oil and Derrick Harnesses**

Designed for easy donning and use by workers who operate the monkey and tubing boards on oil rigs. They also include connections for an optional derrick belt, which adds comfort while positioning for the next drilling pipe.

### Selection guide:

<table>
<thead>
<tr>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back, Hips, Chest, Shoulder, Lifting)</th>
<th>Small</th>
<th>Medium</th>
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<th>XLarge</th>
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<tbody>
<tr>
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<td>1B, 2L</td>
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**3M™ DBI-SALA® Delta Vest™**

**Derrick Belts**

### Selection guide:

<table>
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<tr>
<th>Connection Buckle</th>
<th>D-rings</th>
<th>Small</th>
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</tbody>
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**3M™ DBI-SALA® Delta™ Resist**

**Webbing Harness**

Helps protect against grease, oil, dirt and grime with integrated Resist Technology (polyurethane coated webbing).

### Selection guide:

<table>
<thead>
<tr>
<th>Harness Type</th>
<th>Chest Buckle</th>
<th>Leg Buckles</th>
<th>D-rings (Back)</th>
<th>Universal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vest</td>
<td>Pass-Through</td>
<td>Tongue Buckle</td>
<td>1B</td>
<td>1110990</td>
</tr>
</tbody>
</table>
Lineman Belts and Harnesses

3M™ DBI-SALA® 4D Lineman Belts
Innovative design keeps the center of gravity at the top of the belt for improved safety and optimal comfort.

1. Durable 100% top-grain leather
2. Hassle-free connections to S-shaped, full floating D-rings
3. 3M™ DBI-SALA® Cynch-Lok™ Fall-Restricting Device compatible (see page 82)
4. Comfortable, innovative design distributes weight throughout the contoured, reinforced seat
5. Easy adjustments with durable grommet tongue buckle belt

Model shown 1001398 (D24)
Model shown 1001384 (D23)

3M™ DBI-SALA® 2D Lineman Belts
Easily-adjustable belt with grommet tongue buckle, made in Red Wing, MN with 100% top grain leather.

ExoFit NEX™ Arc Flash Harness with 2D Belt

<table>
<thead>
<tr>
<th>Size</th>
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<th>SKU</th>
<th>SKU</th>
<th>SKU</th>
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<tr>
<td>Large</td>
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<td>1113689 – D26</td>
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<tr>
<td>XLarge</td>
<td>1113691 – D25</td>
<td>1113692 – D26</td>
<td>1113693 – D27</td>
<td>–</td>
</tr>
</tbody>
</table>

Where to measure to determine the correct "D" size for a Lineman’s Belt:

X = Distance from waist or top of hip bone to where Lineman’s Belt is worn.

Y = Measurement is from front of hip bone around the back to the front of the other hip bone. This measurement is the “D” size.

<table>
<thead>
<tr>
<th>D Size (in.)</th>
<th>Belt Sizing (in.)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Minimum</td>
</tr>
<tr>
<td>D18</td>
<td>32</td>
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<tr>
<td>D19</td>
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2D Belt

<table>
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<td>D27</td>
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4D Belt

<table>
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<td>D29</td>
<td>1001403</td>
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<tr>
<td>D30</td>
<td>1001404</td>
</tr>
</tbody>
</table>
**3M™ DBI-SALA® Workseats**

**1001190**
Bosun Chair
12 in. x 24 in. x 1 in. board, cushion and side snaps.

**1001140**
Bosun Chair only
12 in. x 24 in. x 1 in. board.

**1001378**
Suspended Workman’s Chair
Polyester webbing, alloy steel connectors, weight capacity of up to 420 lbs.

**3M™ DBI-SALA® Tongue Buckle Belts**

**9511597**
Harness and Lanyard Bag
3M™ DBI-SALA® Bag
7-1/2 in. wide x 6-1/2 in. deep x 15-1/2 in. long, holds a harness and lanyard or 50 ft. of 5/8 in. rope.

**9500468**
Offshore Life-Jacket
Offshore Orange Life-Vest, back opening for harness, safety whistle, 62 sq. in. of SOLAS (Safety of Life at Sea) grade reflective tape, foam-filled head support collar with two vertical adjustable straps, hinged back panel for comfort. Cat. No: 1600 type 1-US Coast Guard Approved. (Universal size)

**3M™ DBI-SALA® Suspension Trauma Safety Straps**

Relieve downward pressure after a fall with these easy-to-deploy safety straps (compatible with most harness brands).

**9501403**
Safety Straps, One Pair.

**9505712**
Flame-Resistant Safety Straps, One Pair.
OSHA Final Rule on Walking-Working Surfaces

This new rule applies to all general industry workplaces, covering surfaces like floors, stairs, ladders, scaffolds and elevated walkways. The goal is to reduce slips, trips and falls across several industries. This rule increases consistency between the general industry and construction standards. Compliance dates vary, to give businesses time to understand the changes and upgrade their equipment. See our Technical Bulletin or contact customer service for more information.

OSHA 29 CFR 1910

<table>
<thead>
<tr>
<th>KEY CHANGE:</th>
<th>ABC’s of Fall Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>If workers use personal fall protection or work in other high hazard situations, they must be trained and retrained in a manner they understand.</td>
<td></td>
</tr>
</tbody>
</table>

| KEY CHANGE: | Fixed ladder cages and wells will be phased out and replaced with ladder safety systems or personal fall arrest systems. |

<table>
<thead>
<tr>
<th>KEY CHANGE:</th>
<th>24 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outdoor advertising qualified climbers will need fall protection and fixed ladders over 24 ft. will require a ladder safety system.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KEY CHANGE:</th>
<th>3,600 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall protection D-rings, carabiners and snap hooks must be proof tested for tensile loads of 3,600 lbs. And gate strengths must also be designed to withstand at 3,600 lbs.</td>
<td></td>
</tr>
</tbody>
</table>

Learn more about this and other safety standard updates at Sales@EngineeredFallProtection.com.
The Nano-Lok SRL is ergonomically designed for ease-of-use and direct connection to most harnesses. It locks quickly, stopping a fall after a matter of inches, providing more protection at low fall clearance heights.

- Twin-leg anchorage connector lets workers attach two SRLs directly to the back of most harnesses.
- Centrifugal brakes stop falling workers after a matter of inches.
- Impact-resistant housing helps provide maximum durability.
- RFID equipped to help track equipment and manage safety inspection programs.

Direct-to-harness connection
Single-leg or twin-leg connectors install underneath the webbing on most harnesses, leaving the D-ring open for other equipment or rescue.
3M™ DBI-SALA® Nano-Lok™ Single-Leg
Self-Retracting Lifelines

3101215
Nano-Lok Self-Retracting Lifeline
With Steel Snap Hook and Steel Carabiner x 6 ft. (1.8 m)

3101225
Nano-Lok Self-Retracting Lifeline
With Aluminum Carabiner (Captive Eye) and Single-Leg Quick Connector x 6 ft. (1.8 m)

3101227
Nano-Lok Self-Retracting Lifeline
With Aluminum Rebar Hook and Single-Leg Quick Connector x 6 ft. (1.8 m)

3101228
Nano-Lok Self-Retracting Lifeline
With Steel Snap Hook and Single-Leg Quick Connector x 6 ft. (1.8 m)

3101229
Nano-Lok Self-Retracting Lifeline
With Single-Leg Quick Connector and Steel Rebar Hook x 6 ft. (1.8 m)

3101254
Nano-Lok Self-Retracting Lifeline
With Aluminum Carabiner (Captive Eye) and Single-Leg Quick Connector x 6 ft. (1.8 m)

3101279
Nano-Lok Single-Leg Self-Retracting Lifeline
With Aluminum Locking Rebar Hooks x 6 ft. (1.8 m)

3101273
Nano-Lok Twin-Leg Self-Retracting Lifeline
With Twin-Leg Fixed Quick Connector and two Aluminum Rebar Hooks x 6 ft. (1.8 m)

3101277
Nano-Lok Twin-Leg Self-Retracting Lifeline
With Twin-Leg Quick Connector and two Aluminum Rebar Hooks x 6 ft. (1.8 m)

3101279
Nano-Lok Twin-Leg Self-Retracting Lifeline
With two Steel Snap Hooks and Twin-Leg Connector x 6 ft. (1.8 m)

3101280
Nano-Lok Twin-Leg Self-Retracting Lifeline
With Steel Rebar Snap Hooks and Quick Connector x 6 ft. (1.8 m)

3101288
Nano-Lok Twin-Leg Self-Retracting Lifeline
With Twin-Leg Fixed Quick Connector and two Steel Rebar Hooks x 6 ft. (1.8 m)

3101473
Nano-Lok Twin-Leg Self-Retracting Lifeline
With two Aluminum Locking Rebar Hooks x 6 ft. (1.8 m)
**3M™ DBI-SALA® Nano-Lok™ Extended Length Self-Retracting Lifelines**

- **3101582**
  Nano-Lok Extended Length Quick-Connect Self-Retracting Lifeline
  With Anchor Hook x 11 ft. (3.35 m)

- **3101588**
  Nano-Lok Extended Length Order Picker Self-Retracting Lifeline
  With Snap Hook x 11 ft. (3.35 m)

- **3101621**
  Nano-Lok Extended Length Twin-Leg Quick-Connect Self-Retracting Lifeline
  With Snap Hook x 11 ft. (3.35 m)

- **3101590**
  Nano-Lok Extended Length Quick-Connect Self-Retracting Lifeline
  With Aluminum Rebar Hook x 9 ft. (2.74 m)

- **3101624**
  Nano-Lok Extended Length Twin-Leg Quick-Connect Self-Retracting Lifeline
  With Aluminum Locking Rebar Hooks x 9 ft. (2.74 m)

- **3101625**
  Nano-Lok Extended Length Twin-Leg Quick-Connect Self-Retracting Lifeline
  With Aluminum Rebar Hooks x 9 ft. (2.74 m)

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**Selection guide:**

<table>
<thead>
<tr>
<th>NANO-LOK TIE-BACK SRL</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,000 lb. gated snap hook with swiveling anchor loop only x 9 ft. (2.7 m)</td>
<td>310168</td>
</tr>
<tr>
<td>5,000 lb. gated snap hook with aluminum carabiner x 9 ft. (2.7 m)</td>
<td>310165</td>
</tr>
<tr>
<td>5,000 lb. gated snap hook with single leg connector x 9 ft. (2.7 m)</td>
<td>310166</td>
</tr>
<tr>
<td>5,000 lb. gated snap hook with steel carabiner x 9 ft. (2.7 m)</td>
<td>310167</td>
</tr>
<tr>
<td>5,000 lb. gated snap hook with twin leg quick-connector x 9 ft. (2.7 m)</td>
<td>310174</td>
</tr>
<tr>
<td>5,000 lb. gated snap hook with fixed D-ring connector x 9 ft. (2.7 m)</td>
<td>310173</td>
</tr>
</tbody>
</table>
This unique SRL was tested to 8 calories, ensuring durability in applications like welding, grinding and torching. It is reinforced with Kevlar® fiber to withstand sparks, weld splatter and other high heat exposure.

- 8 ft. (2.4 m) working length.
- With Nomex®/Kevlar® fiber web lifeline and reinforced edges for improved wear resistance and durability over standard webbing.
- Features an arc flash industry logo to easily identify the product application.
- Arc flash compliant, tested to 40 cal/cm². Meets ASTM F887.

### 3M™ DBI-SALA® Nano-Lok™ for Hot Work Use Self-Retracting Lifelines

This unique SRL was tested to 8 calories, ensuring durability in applications like welding, grinding and torching. It is reinforced with Kevlar® fiber to withstand sparks, weld splatter and other high heat exposure.

- 6 ft. (1.8 m) working length.
- Universal hot work icon to quickly and easily identify hot work product.
- Equipped with RFID.
In your line of work, anchoring at your feet may be the only option. The Nano-Lok edge SRL is specifically designed for foot level tie-off and sharp edge applications, and meets relevant safety standards. It features a combination of innovative lifeline material, energy absorption, and harness connection to reduce the impact forces on the worker, and the shear forces on the lifeline, in a fall arrest event over a sharp edge.

- Available in single and twin-leg units.
- Easy-to-install connector provides 360 degrees of rotation and leaves the D-ring open for rescue or other equipment.
- Impact-resistant housing provides maximum durability.
- Global sharp edge icon makes identification of sharp edge product quick and easy.
- Tough and flexible lifeline is 8 ft. (2.4 m) of 3/16 in. (5 mm) galvanized cable, providing maximum range of motion, durability and resistance.
- Backpack design stays tight to the harness and evenly distributes the unit’s weights.
- Backpack-style energy absorber and connector work together to limit forces on both the worker and the impacted edge.

Selection guide:

<table>
<thead>
<tr>
<th>Lifeline hook</th>
<th>SRL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tie-back</td>
<td>Alum. Rebar Lock Hook</td>
</tr>
<tr>
<td>3500228</td>
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<td>3500230</td>
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<tr>
<td>3500231</td>
<td></td>
</tr>
</tbody>
</table>

*All versions are 8 ft. in length except tie-back models. Tie-back versions are 9 ft.*
3M™ DBI-SALA® Sealed-Block Self-Retracting Lifelines

Keep grease, dirt and moisture from affecting the performance of your SRL with a sealed self-retracting lifeline. Constructed from heavy-duty, corrosion-resistant materials, the sealed design meets IP68 rating.

- Built-in carrying handle for easy transport is also certified as a secondary fall arrest rated anchorage point.
- Galvanized and stainless steel cable lifeline options.
- Self-locking swivel hook:
  - Limits lifeline twisting
  - Integrated impact indicator
  - 3,600 lb. gate reduces accidental disengagements ("roll-out")
- Pivoting anchorage loop centers the load.
- Aluminum housing and cast cover help provide exceptional strength, durability and corrosion resistance.
- Anti-ratcheting design stays locked on rigid and non-rigid (horizontal lifeline) anchors.
- 420 lb. weight capacity (all non-RSQ models) option for higher capacity for operator and tools.

3M™ DBI-SALA® Sealed-Block
Self-Retracting Lifelines

Length: 15 ft.
3400825 Galvanized steel wire rope with swivel snap hook, anchorage carabiner.
3400827 Stainless steel wire rope with swivel snap hook, anchorage carabiner.

Length: 30 ft.
3400800 Galvanized steel wire rope with swivel snap hook, anchorage carabiner.
3400802 Stainless steel wire rope with swivel snap hook, anchorage carabiner.
3M™ DBI-SALA® Sealed-Block Self-Retracting Lifelines

Length: 50 ft.
3400900 Galvanized steel wire rope with swivel snap hook, anchorage carabiner, 4 ft. (1.2 m) cable tie-off adapter.

3400902 Stainless steel wire rope with swivel snap hook, anchorage carabiner, 4 ft. (1.2 m) cable tie-off adapter.

Length: 130 ft.
3400965 Galvanized steel wire rope with swivel snap hook, anchorage carabiner, 4 ft. (1.2 m) cable tie-off adapter.

3400967 Stainless steel wire rope with stainless steel swivel snap hook, anchorage carabiner, 4 ft. (1.2 m) cable tie-off adapter.

3400990 Galvanized steel wire rope with swivel snap hook, RSQ dual-mode, anchorage carabiner, 4 ft. (1.2 m) cable tie-off adapter.

Length: 175 ft.
3400650 Galvanized steel wire rope with swivel snap hook, anchorage carabiner, 4 ft. (1.2 m) cable tie-off adapter.

3400652 Stainless steel wire rope with stainless steel swivel snap hook, anchorage carabiner, 4 ft. (1.2 m) cable tie-off adapter.
Durable and lightweight, these SRLs are engineered to deliver fall protection efficiency and comfort. Should a fall occur, a speed-sensing brake system will activate, stopping the fall and reducing the imposed forces to 900 lbs. (4 kN) or less.

- Top swivel limits lifeline twisting for smoother operation.
- Lightweight, compact and durable thermoplastic housing.
- Ergonomic cable handle provides added comfort and ease-of-use when making connections.
- Self-locking swivel hook limits lifeline twisting.
- Impact indicator provides visual indication of fall arrest.
- 3,600 lb. gate reduces chances of accidental disengagement (“roll-out”).
- Built to last with stainless steel components and anti-ratcheting brake system.

### 3M™ DBI-SALA® Ultra-Lok™ Self-Retracting Lifelines

<table>
<thead>
<tr>
<th>Length (ft)</th>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>11</td>
<td>3103107</td>
<td>1 in. (2.5 cm) nylon web with snap hook.</td>
</tr>
<tr>
<td></td>
<td>3103108</td>
<td>1 in. (2.5 cm) nylon web with swivel snap hook.</td>
</tr>
<tr>
<td>20</td>
<td>3103207</td>
<td>1 in. (2.5 cm) nylon web with snap hook.</td>
</tr>
<tr>
<td></td>
<td>3103208</td>
<td>1 in. (2.5 cm) nylon web with swivel snap hook.</td>
</tr>
<tr>
<td></td>
<td>3103275</td>
<td>1 in. (2.5 cm) Nomex®/Kevlar® fiber webbing with swivel snap hook.</td>
</tr>
<tr>
<td>15</td>
<td>3504422</td>
<td>Leading Edge 7/32 in. (5.5 mm) galvanized steel wire rope with swivel snap hook.</td>
</tr>
<tr>
<td></td>
<td>3504433</td>
<td>3/16 in. (5 mm) galvanized steel wire rope with swivel snap hook.</td>
</tr>
<tr>
<td></td>
<td>3504434</td>
<td>3/16 in. (5 mm) stainless steel wire rope with swivel snap hook.</td>
</tr>
</tbody>
</table>
3M™ DBI-SALA® Ultra-Lok™
Self-Retracting Lifelines

**3504500**
Leading Edge
7/32 in. (5.5 mm) galvanized steel wire rope with swivel snap hook.

**3504430**
3/16 in. (5 mm) galvanized steel wire rope with swivel snap hook.

**3504431**
3/16 in. (5 mm) stainless steel wire rope with swivel snap hook.

**3504432**
3/16 in. (5 mm) stainless steel wire rope with stainless steel swivel snap hook.

3M™ DBI-SALA® Ultra-Lok™
Self-Retracting Lifeline

**3504600**
Leading Edge
7/32 in. (5.5 mm) galvanized steel wire rope with swivel snap hook.

3M™ DBI-SALA® Ultra-Lok™
Self-Retracting Lifeline

**3504450**
Length:
50 ft.
3/16 in. (5 mm) galvanized steel wire rope with swivel snap hook.

**3504451**
3/16 in. (5 mm) stainless steel wire rope with swivel snap hook.

**3504480**
1/4 in. (6 mm) Vectran synthetic rope with swivel snap hook.

**3504551**
3/16 in. (5 mm) stainless steel wire rope with swivel snap hook and RSQ dual-mode.

**3504485**
Length:
85 ft.
3/16 in. (5 mm) galvanized steel wire rope with swivel snap hook.
**3M™ DBI-SALA® Talon™ Self-Retracting Lifelines**

**3101001**
Talon Quick-Connect Self-Retracting Lifeline
1 in. (2.5 cm) nylon web with swivel snap hook and quick connector for harness mounting x 8 ft. (2.4 m)

**3101009**
Talon Order Picker Self-Retracting Lifeline
1 in. (2.5 cm) nylon web with swivel snap hook and cab-mount order picker connector x 8 ft. (2.4 m)

**3101300**
Talon Tie-Back Quick-Connect Self-Retracting Lifeline – Web
1 in. (2.5 cm) nylon web with tie-back hook and quick connector for harness mounting x 9.5 ft. (2.9 m)

**3101006**
Talon Quick-Connect Self-Retracting Lifeline – Web
1 in. (2.5 cm) nylon web with quick connector and 2109193 Flat Steel Rebar Hook with 2-1/2 in. (62.5 mm) gate opening x 8 ft. (2.4 m)

**3M™ DBI-SALA® Talon™ Twin-Leg Self-Retracting Lifelines**

**3102100**
Talon Twin-Leg Tie-Back Quick-Connect Self-Retracting Lifeline – Web
Tie-back type twin-leg lifelines with 1 in. (2.5 cm) nylon web and tie-back hooks, quick connector for harness mounting x 7.5 ft. (2.3 m)

**3102000**
Talon Twin-Leg Quick-Connect Self-Retracting Lifeline – Web
Twin-leg lifelines with 1 in. (2.5 cm) nylon web, quick connector for harness mounting, aluminum rebar hooks x 6 ft. (1.8 m)

**3102003**
Talon Twin-Leg Quick-Connect Self-Retracting Lifeline
Twin-leg lifelines with 1 in. (2.5 cm) nylon web, quick connector for harness mounting, steel rebar hooks x 6 ft. (1.8 m)

**3102115**
Talon Twin-Leg Tie-Back Quick-Connect Self-Retracting Lifeline
Tie-back type twin-leg lifelines with 1 in. (2.5 cm) nylon web and tie-back hooks, quick connector for harness mounting x 8.5 ft. (2.6 m) 420 lb. capacity.
Meeting industry standards.
When you place your trust in a 3M™ DBI-SALA® Lanyard, you can depend on the fact that every one meets rigorous industry safety standards, including OSHA and ANSI Z359.13. That’s why workers around the world rely on them for safety, ease-of-use and durability.

Choosing a lanyard
Look for quality in these features when selecting a lanyard.

A. Webbing
Choose your webbing based on the type of conditions you work in. Options include Nomex®/Kevlar® with fiber, polyurethane-coated and cable.

B. Impact indicators
Impact indicators let you know if a shock absorber has been involved in a fall, so you can remove it from service.

C. Connector/hook
3M™ DBI-SALA® Snap Hooks allow one-handed use and won’t pinch thumbs or fingers.

D. Length
The standard lanyard length is 6 ft (1.8 m), but other lengths are available.

E. Shock absorber
Most shock absorbers keep forces below 900 lbs. (4 kN) and are available in pack or tubular styles.

Types of Hooks
One-handed operation makes our Snap Hooks a popular choice in the industry. Easy to use with or without gloves, no pinched thumbs or fingers. All of our lanyards feature 3,600 lb. (16 kN) rated gates.

<table>
<thead>
<tr>
<th>Types of Hooks</th>
<th>Gate Opening</th>
<th>Gate Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel Snap Hook</td>
<td>3/4 in. (19 mm)</td>
<td>3,600 lb. (16 kN)</td>
</tr>
<tr>
<td>Aluminum Snap Hook</td>
<td>3/4 in. (19 mm)</td>
<td>3,600 lb. (16 kN)</td>
</tr>
<tr>
<td>Aluminum Rebar Hook</td>
<td>2-1/4 in. (57 mm)</td>
<td>3,600 lb. (16 kN)</td>
</tr>
<tr>
<td>Flat Steel Rebar Hook</td>
<td>2-1/2 in. (62.5 mm)</td>
<td>3,600 lb. (16 kN)</td>
</tr>
<tr>
<td>3M™ DBI-SALA® Saflok™ Max Steel Rebar Hook</td>
<td>3 in. (76.2 mm)</td>
<td>3,600 lb. (16 kN)</td>
</tr>
<tr>
<td>3M™ DBI-SALA® Saflok™ Max Steel Tower Hook</td>
<td>4-5/16 in. (116.84 mm)</td>
<td>3,600 lb. (16 kN)</td>
</tr>
<tr>
<td>Aluminum Rebar Hook with Locking Nose</td>
<td>2-1/2 in. (62.5 mm)</td>
<td>3,600 lb. (16 kN)</td>
</tr>
<tr>
<td>Aluminum Rebar Hook with Locking Nose</td>
<td>2-1/2 in. (62.5 mm)</td>
<td>3,600 lb. (16 kN)</td>
</tr>
<tr>
<td>Steel Rebar Hook with Locking Nose</td>
<td>3 in. (19 mm)</td>
<td>3,600 lb. (16 kN)</td>
</tr>
<tr>
<td>Wrap Back Hook</td>
<td>3/4 in. (19 mm)</td>
<td>3,600 lb. (16 kN)</td>
</tr>
<tr>
<td>Tie-Back Carabiner</td>
<td>2-1/4 in. (57 mm)</td>
<td>3,600 lb. (16 kN)</td>
</tr>
<tr>
<td>New 3M™ DBI-SALA® Comfort Grip Hook</td>
<td>2-1/4 in. (57 mm)</td>
<td>3,600 lb. (16 kN)</td>
</tr>
</tbody>
</table>

See all new products on page 4
Types of Lanyards

- **Pack-Style Shock-Absorbing Lanyards**: These basic lanyards dissipate energy, limiting the forces on the body in a fall arrest event.
- **Tubular-Style Shock-Absorbing Lanyards**: These lanyards are available in both fixed length and “stretch” style designs.
- **Twin-Leg Lanyards**: Twin-leg lanyards provide 100% tie-off, allowing users to stay protected when changing locations.
- **Positioning Lanyards**: Designed without shock absorbers for positioning or restraint applications.
- **Tie-Back Lanyards**: Tie-back lanyards act as both a connecting means and an anchorage connector when a qualified anchorage connector is not available.
- **Lanyards for Arc Flash and Hot Work Use**: These lanyards are designed with Kevlar® fiber for use in high temperatures or applications requiring arc flash protection.
- **Lanyards for Foot-Level Tie-Off**: Used at the feet, these lanyards allow a 12 ft. (3.7 m) free fall and maintain forces below 1,800 lbs. (8 kN)

**Fall-Restricting Device**
Clinches around a wood pole during “cut outs” to help prevent users from falling and allowing them to regain footing.

---

**3M™ DBI-SALA® ShockWave™2**
Shock-Absorbing Lanyards

Avoid trips and snags with lanyards that expand and contract (6 ft.–4-1/2 ft.) in reaction to movement. They have a built-in impact indicator and limit the average fall arresting forces to 900 lbs. (4 kN)

**Selection guide:**

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1244306</td>
<td>Single</td>
<td>Steel/Snap</td>
<td>Steel/Snap</td>
<td>-</td>
</tr>
<tr>
<td>1244311</td>
<td>Single</td>
<td>Aluminum/Snap</td>
<td>Aluminum/Rebar Locking Nose</td>
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<tr>
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*All lanyards are 6 ft. long unless otherwise noted.*
**Selection guide:**

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# Shock-Absorbing Lanyards

## 3M™ DBI-SALA® EZ-Stop™ Shock-Absorbing Lanyards

Using a controlled tearing action, these lanyards limit the average fall arrest forces to 900 lbs. (4 kN) or less.

### Selection guide:

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## 3M™ DBI-SALA® EZ-Stop™ Shock Absorber

Add in-line to your existing non-shock-absorbing lanyard to help make it safe for fall arrest applications.

### Selection guide:

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<thead>
<tr>
<th>Part #</th>
<th>Leg Material</th>
<th>Hook 1 (Harness) Material/Style</th>
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## 3M™ DBI-SALA® EZ-Stop™ Tie-Back Lanyards

When a qualified anchorage connector is not available, a tie-back lanyard acts as both a connecting means and an anchorage connector.

### Selection guide:

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### 3M™ DBI-SALA® EZ-Stop™
**Leading Edge Shock-Absorbing Lanyards**

**Selection guide:**

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Engineered for sharp edges, these lanyards incorporate edge certified cable construction and offer Force™2 foot-level tie-off ability (for maximum 12 ft. free fall).

### 3M™ DBI-SALA® EZ-Stop™
**Lanyards for Arc Flash and Hot Work Use**

**Selection guide:**

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*Force™2, foot-level tie off.

### 3M™ DBI-SALA® EZ-Stop™
**Retractable Lanyards**

**Selection guide:**

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Unique spring technology retracts and expands from 2-1/2 ft.-6 ft. in reaction to user’s movements.
Shock-Absorbing Lanyards

**3M™ DBI-SALA® Force™2**
Foot-Level Tie Off Shock-Absorbing Lanyards

Great for when there is no overhead anchorage and your only option is to tie off at your feet. These lanyards can be used for up to a 12 ft. (3.7 m) free fall and limit the average fall arrest forces below 1,800 lbs. (8 kN).

**Selection guide:**

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**3M™ DBI-SALA® Force™2**
Foot-Level Tie Off Shock-Absorber

Add in-line to your existing non-shock-absorbing lanyard to help make it safe for fall arrest applications x 1.3 ft.

**Selection guide:**

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<td>D-ring</td>
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**3M™ DBI-SALA® Wrap Back**
Tie-Back Lanyards

These lanyards can help eliminate the need for a separate anchorage connector, improving both your bottom line and compliance. They offer a unique 5,000 lb. (22 kN) hook and heavy-duty webbing.

**Selection guide:**

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*Force™2, foot-level tie off.

**3M™ DBI-SALA® Force™2 Wind Energy**
Foot-Level Tie Off Lanyards

**Selection guide:**

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<td>1246152</td>
<td>Twin</td>
<td>Web, Elastic</td>
<td>Steel/Snap</td>
<td>Steel/Saflok™ Max Rebar</td>
<td>Steel/Saflok™ Max Rebar</td>
</tr>
<tr>
<td>1246153</td>
<td>Twin</td>
<td>Web, Elastic</td>
<td>Aluminum/Snap</td>
<td>Aluminum/Rebar Locking Nose</td>
<td>Aluminum/Rebar Locking Nose</td>
</tr>
</tbody>
</table>
Positioning Web & Rope Lanyards

**3M™ DBI-SALA®**
Positioning Web & Rope Lanyards

Lanyards without shock absorbers, such as rope or web lanyards are designed for positioning or restraint applications.

Selection guide:

<table>
<thead>
<tr>
<th>Part #</th>
<th>Length</th>
<th>Leg Material</th>
<th>Hook 1 (Harness) Material/Style</th>
<th>Hook 2 (Anchor) Material/Style</th>
</tr>
</thead>
<tbody>
<tr>
<td>1232354</td>
<td>6 ft.  (1.8 m)</td>
<td>Rope, Nylon</td>
<td>Steel/Snap</td>
<td>Steel/Snap</td>
</tr>
<tr>
<td>1232209</td>
<td>6 ft.  (1.8 m)</td>
<td>Rope, Nylon, Adjustable</td>
<td>Steel/Snap</td>
<td>Steel/Snap</td>
</tr>
<tr>
<td>1231102</td>
<td>2 ft.  (0.6 m)</td>
<td>Web</td>
<td>Steel/Snap</td>
<td>Steel/Snap</td>
</tr>
<tr>
<td>1231103</td>
<td>3 ft.  (0.9 m)</td>
<td>Web</td>
<td>Steel/Snap</td>
<td>Steel/Snap</td>
</tr>
<tr>
<td>1231104</td>
<td>4 ft.  (1.2 m)</td>
<td>Web</td>
<td>Steel/Snap</td>
<td>Steel/Snap</td>
</tr>
<tr>
<td>1231106</td>
<td>6 ft.  (1.8 m)</td>
<td>Web</td>
<td>Steel/Snap</td>
<td>Steel/Snap</td>
</tr>
<tr>
<td>1231016</td>
<td>6 ft.  (1.8 m)</td>
<td>Web, Adjustable</td>
<td>Steel/Snap</td>
<td>Steel/Snap</td>
</tr>
<tr>
<td>1234070</td>
<td>8 ft.  (2.4 m)</td>
<td>Rope, Technora® Kernmantle, Adjustable</td>
<td>Steel/Snap</td>
<td>Steel/Rope Adjuster with Carabiner</td>
</tr>
<tr>
<td>1234071</td>
<td>8 ft.  (2.4 m)</td>
<td>Rope, Technora® Kernmantle, Adjustable</td>
<td>Aluminum/Sheet</td>
<td>Aluminum/Rope Adjuster with Carabiner</td>
</tr>
<tr>
<td>1234083</td>
<td>8 ft.  (2.4 m)</td>
<td>Rope, Technora® Kernmantle, Adjustable</td>
<td>Aluminum/Carabiner</td>
<td>Aluminum/Rope Adjuster with Carabiner</td>
</tr>
<tr>
<td>1234080</td>
<td>8 ft.  (2.4 m)</td>
<td>Rope, Technora® Kernmantle, Adjustable</td>
<td>Aluminum/Carabiner</td>
<td>Aluminum/Rope Adjuster with Carabiner</td>
</tr>
</tbody>
</table>

**3M™ DBI-SALA®**
Chain & Web Rebar Positioning Lanyards

Made of twist link chain or polyester web for strength and durability. A variety of hook options provide a compatible connection to many types of structures.

**5920059**
Chain Rebar Assembly
With snap hooks and swiveling Saflok™ Max Hook at center x 24 in. (60 cm)

**5920050**
Chain Rebar Lanyard
Chain rebar assembly with snap hooks and swiveling flat steel rebar hook at center x 1.7 ft. (52 cm)

**5920051**
Chain Rebar Lanyard
Chain rebar assembly with snap hooks and swiveling aluminum rebar hook at center x 22 in. (56 cm)

**1231380**
Web Rebar Assembly
With snap hooks and aluminum rebar hook at center x 18 in. (45 cm)

**1231389**
Web Rebar Lanyard
Web rebar assembly with snap hooks and Saflok Max Hook at center x 22 in. (45 cm)

**1231520**
Web Rebar Lanyard
Web rebar assembly with snap hooks and swiveling aluminum hook at center x 22 in. (56 cm)
Fall-Restricting Devices

3M™ DBI-SALA® Cynch-Lok™
Fall-Restricting Devices

Easily adjust and cinch around poles during “cut-outs” and easily hitch-hike poles (move or jump the strap upwards past obstacles) with a hand position that’s comfortable. Meets CSA Z259.14 for Type A and AB (dry, wet and icy poles) and ASTM F887.

Selection guide:

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Pole Size Minimum (Dia./Circ.)</th>
<th>Pole Size Maximum (Dia./Circ.)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200110</td>
<td>Replacement Strap for Distribution Poles</td>
<td>5-1/2 in./17-1/2 in.</td>
<td>18-1/2 in./58 in.</td>
<td>1.9 lbs. (.86 kg)</td>
</tr>
<tr>
<td>1204057</td>
<td>Rope for Distribution Poles</td>
<td>5-1/2 in./17-1/2 in.</td>
<td>18-1/2 in./58 in.</td>
<td>4.8 lbs. (2.1 kg)</td>
</tr>
<tr>
<td>1204075</td>
<td>Web for Distribution Poles</td>
<td>5-1/2 in./17-1/2 in.</td>
<td>18-1/2 in./58 in.</td>
<td>4.9 lbs. (2.2 kg)</td>
</tr>
<tr>
<td>1200111</td>
<td>Replacement Strap for Transmission Poles</td>
<td>5-1/2 in./17-1/2 in.</td>
<td>30-1/2 in./96 in.</td>
<td>2.4 lbs. (1.1 kg)</td>
</tr>
<tr>
<td>1204058</td>
<td>Rope for Transmission Poles</td>
<td>5-1/2 in./17-1/2 in.</td>
<td>30-1/2 in./96 in.</td>
<td>5.3 lbs. (2.4 kg)</td>
</tr>
<tr>
<td>1204076</td>
<td>Web for Transmission Poles</td>
<td>5-1/2 in./17-1/2 in.</td>
<td>30-1/2 in./96 in.</td>
<td>5.4 lbs. (2.4 kg)</td>
</tr>
</tbody>
</table>

1200115
Cynch-Lok
Replacement Rope
Interior Strap
Weight: 2.9 lbs. (1.3 kg)

1200136
Cynch-Lok
Replacement Web
Interior Strap
Weight: 3 lbs. (1.3 kg)

1204077
Cynch-Lok
Left Carabiner Conversion Kit - Web

1204074
Cynch-Lok
Left Carabiner Conversion Kit - Rope
As One.
Trusted partners.
Innovative solutions.
A safer world.

With the addition of the knowledgeable people and reliable products of Scott Safety to the 3M team, we’re able to offer more safety equipment than ever before—including an expanded portfolio of respiratory solutions for confined spaces and rescue applications. Together, we’ll build on Scott Safety’s legacy of trusted protection with enhanced technology, so your team can keep getting the job done and keep coming back home safely.

See what’s next at 3M.com/ScottSafety. #3MxScottSafety
Our extensive line of high quality, rugged rescue and retrieval systems are proven and trusted by safety engineers and site directors alike to rescue workers in confined spaces quickly and flawlessly—every time.

**What to look for in a confined space rescue system:**

**Ease-of-use**
Systems must have the ability to handle a crisis simply and immediately.

**Mechanical systems**
Lifeline types and length are just a few of the options you need to consider.

**Durability**
Components must be made from quality materials that can endure rough handling and harsh environments.

**Versatility**
Systems should be adjustable and adaptable to extreme environments. Modular systems allow you to add to your system over time.

**Strength**
Systems must be rated for your application. Look for maximum strength with minimal weight.

**Portability**
Systems should be lightweight and easy to transport, set up and store.
4-in-1 Davit Guard System
Provides a basic hoist and a passive restraint guardrail system protecting companion workers and bystanders. It offers ample room for worker entry and maneuvering while keeping the confined space opening secure. A standard tie-off point provides a convenient 5,000 lb. (22 kN) anchor point for fall arrest devices where required.

8530352

Engineered with lightweight materials like high-strength aluminum, 3M™ DBI-SALA® Hoist Systems are adjustable and extendable to meet the specific needs of your job site. Let us help you with a customized solution to maximize ease-of-rescue—even in complex environments.
8518000
3M™ DBI-SALA® 5-Piece Hoist System
Davit arm and base system includes 11.5 in.-27.5 in. (29.2 cm-69.8 cm) Adjustable Offset Upper Mast (8518001), 33 in. (83.8 cm) Lightweight Lower Mast (8518002), and 3-Piece Lightweight Base (8518005). Includes winch mounting bracket. Order winch separately. Weight: 100 lbs. (45.5 kg)

8518040
5-Piece Hoist System
Davit arm and base system includes 23.5 in.-42.5 in. (59.7 cm-108 cm) Adjustable Offset Upper Mast (8518006), 33 in. (83.8 cm) Lightweight Lower Mast (8518002), and 3-Piece Lightweight Base (8518008). Includes winch mounting bracket. Order winch separately. Weight: 137.5 lbs. (62.3 kg)

Accessories

8518270
5-Piece Equipment Cart
Transport the 5-Piece System with maximum ease over smooth or rough terrain. Ideal for tight storage situations.

8518513 Set of two carrying bags for 5-Piece Hoist System (8518000)
Variable offset davits are designed for use where multiple offset masts are required. For applications with overhead clearance restrictions, the adjustable height of the variable offset masts can eliminate the need for custom length masts and mast extensions.

1. **Winch**
   Davits can be equipped with both primary and secondary (back-up) mechanical devices.

2. **Quick-Release Mounting Bracket**
   Detent-style brackets make installation fast and efficient. (See page 101).

3. **3-Way SRL**
   Davits can be equipped with both primary and secondary (back-up) mechanical devices.

4. **Lower Mast Extensions**
   Allows the user to increase the anchorage height.

5. **Base Options**
   Portable and fixed bases are available.

6. **Variable Offset Mast**
   Ensures lifelines are always centered over confined space.

7. **Built-In Pulleys**
   Route lifelines of two mechanical devices.

8. **Fall Arrest Anchorage**
   Up to a 5,000 lb. (22 kN) rated anchor point for fall arrest device.

9. **Adjustable Height**
   Eliminates the need for custom length masts and extensions.
3M™ DBI-SALA®
One-Piece Adjustable Offset Davit Masts

### Offset Davit Masts & Lower Mast Extensions

Customize the height of these davit masts with up to two Lower Mast Extensions. Custom lengths are available—call us for details.

#### 8518001
11.5 in.-27.5 in. Adjustable Offset Davit Mast
(Includes winch mount bracket.)
Combine with up to two lower mast extensions to increase anchorage height. Combined extension length cannot exceed 90 in. (228 cm).

#### 8518006
23.5 in.-42.5 in. Adjustable Offset Davit Mast
(Includes winch mount bracket.)
Combine with up to two lower mast extensions to increase anchorage height. Combined extension length cannot exceed 78 in. (198 cm).

#### Accessories

8513330
Carrying Bag
Bag with protective plastic liner for Adjustable Offset Davit Mast and 10 ft. aluminum tripod (8513159).

8513564
Bag with protective plastic liner for Adjustable Offset Davit Mast, with Lower Mast Extension.
Fixed bases allow for easier setup and teardown, making them ideal for work areas where a base can be permanently installed to an existing structure. All bases come with PVC sleeve liners.

**8512831**
Center Mount Sleeve
Zinc-Plated

Mild steel construction. Mounts to concrete or steel structure.

Weight: 13 lbs. (5.9 kg)

**8516563** 304 Stainless steel construction. Mounts to concrete or steel structure.

8 in.
(20.3 cm)
12.5 in.
(31.7 cm)
9.25 in.
(23.8 cm)

**8518348**
Wall Mount Sleeve 304 Stainless Steel

304 stainless steel construction. Compact design mounts to vertical concrete or steel structures.

Weight: 12 lbs. (5.5 kg)

8516191 Wall Mount Sleeve, zinc-plated mild steel construction.

4.25 in.
(10.7 cm)
9.2 in.
(23.3 cm)
10 in.
(25.4 cm)
8510109  Core Mount Sleeve
Zinc-plated mild steel construction. Designed for slip-in installation into 4 in. (10.1 cm) core hole in concrete or in an existing steel structure. Weight: 8 lbs. (3.6 kg)
8510110  Core Mount Sleeve, stainless steel construction.

8515162  Deck Mount Sleeve
Zinc-plated mild steel construction. Designed to slip into a 4 in. (10.1 cm) hole in existing flooring. Flush mount design eliminates trip hazards when not in use. Comes with plastic stopper and mounting hardware—mounts to thicknesses from 1/4 in.-2 in. (6.4 mm-50.8 mm). Weight: 17 lbs. (7.7 kg)
8515834  Deck Mount Sleeve, stainless steel construction.

8510316  Floor Mount Sleeve
Mild steel construction. Recessed fastener pockets allow for bolt-in installation into existing concrete or steel structure. Flush mount design eliminates trip hazards when not in use. Weight: 21 lbs. (9.5 kg)
8512827  Flush Floor Mount Sleeve, stainless steel construction.

8510057  Offset Floor Mount Sleeve
Zinc-plated mild steel construction. Mounts to horizontal concrete or steel structure. Offset design allows for maximum reach of the mast being used. Weight: 25 lbs. (11.3 kg)

8510827  Heavy-Duty Sleeve Cap
Stainless steel construction. Used with permanent mounted sleeves when installed in high traffic or other severe service locations. Weight: 1.2 lbs. (0.54 kg)
8510826  Heavy-Duty Sleeve Cap, zinc-plated mild steel construction.
Portable Bases work with a variety of Davit Arm and Mast Extensions. They’re ideal when you need to move and access various confined space areas. Bases are lightweight, easy to transport, set up and use.

8518005
3-Piece Portable Base
Adjustable base for 27.5 in. (69.8 cm) maximum offset davit mast.

8518008
3-Piece Portable Base.
Adjustable base for 42.5 in. (108 cm) maximum offset davit mast.

8513565
Carrying Bag
Bag with protective plastic liner for 3-Piece Davit Base (8518005).

8510568
Forklift Basket
Designed to convert your forklift into a versatile confined space and fall arrest work platform. Add a davit mast and winch/Self-Retracting Lifeline to the basket and you’re ready to go. Lightweight aluminum construction and tool-free assembly simplifies setup, transport and storage. Durable powder coated finish with anti-slip finish on walking surfaces. Includes spring-loaded gate. Weight: 215 lbs. (98 kg)

8510323
Barrel Mount Sleeve with 3.5 in. Opening
Mild steel construction. Eight independent clamping screws allow temporary installations over edges of shoring cans, walls and other structures. Comes with PVC inner liner. Custom fit openings available.

8510429
Barrel Mount Sleeve with 3 in. (7.62 mm) opening, stainless steel.

8512285
Adjustable Barrel Mount Sleeve
Designed for shoring, wall and parapet applications. Standard unit accommodates wall thicknesses up to a maximum of 24 in. (60.9 cm), with shorter or longer adjustment tubes available on request. Anodized, welded aluminum with zinc-plated steel hardware with inner sleeve.

8510715
Adjustable Barrel Mount Sleeve for 0 in.-12 in. opening.
8510501
3M™ DBI-SALA® Manhole Collars
17.5 in. (44.5 cm) Manhole Collar, fits 18 in.-20 in. (45.7 cm-50.8 cm) diameter.
Provides a Portable Davit Base by simply fitting within manhole opening.
Powder coated aluminum construction with PVC sleeve liner.
8510520 19.5 in. (49.5 cm) Manhole Collar fits 20 in.-22 in. (50.8 cm-55.8 cm) diameter.
8510457 21.5 in. (54.6 cm) Manhole Collar fits 22 in.-24 in. (55.8 cm-60.9 cm) diameter.
8510163 23.5 in. (59.7 cm) Manhole Collar fits 24 in.-26 in. (60.9 cm-66 cm) diameter.
8510633 25.5 in. (64.7 cm) Manhole Collar fits 26 in.-28 in. (66 cm-71.1 cm) diameter.
8510632 27.5 in. (69.8 cm) Manhole Collar fits 28 in.-30 in. (71.1 cm-76.2 cm) diameter.
8510546 29.5 in. (74.9 cm) Manhole Collar fits 30 in.-32 in. (76.2 cm-81.2 cm) diameter.
8512994 33.5 in. (83.1 cm) Manhole Collar fits 34 in.-36 in. (86.3 cm-91.4 cm) diameter.

8510140
Vehicle Hitch Mount Sleeve
Designed to install into a 2 in. (51 mm) hitch receiver on an attendant vehicle to provide a portable anchor point for confined space entry, rescue and fall arrest systems. Assembly for a maximum 27.5 in. (69.8 cm) Offset Davit Mast.
8514461 Assembly for a maximum 42.5 in. (108 cm) Offset Davit Mast.

Vehicle Hitch Sleeve Extensions
A maximum of one extension can be used with a hitch mount and a bumper attachment.

8514503 2 ft. (0.61 m) Vehicle hitch mount sleeve extension. Weight: 17 lbs. (7.7 kg)
8512829 4 ft. (1.21 m) Vehicle hitch mount sleeve extension. Weight: 27.8 lbs. (12.6 kg)
8511384 6 ft. (1.83 m) Vehicle hitch mount sleeve extension. Weight: 39 lbs. (17.6 kg)

8511401
Universal Joint Assembly
Installs between the Hitch Mount Sleeve (851040) or extension and the vehicle to compensate for uneven ground conditions. Weight: 10 lbs. (4.5 kg)
Counterweight Systems are composed of a central base unit to accommodate a variety of anchoring options, positioning and adjustment legs, and extension assemblies.

8512894
Counterweight System
Counterweight system base with pole leg assembly.
Weight: 199 lbs. (90.2 kg)
Counterweight requirements determined by application. Contact customer service to order.

8520775
Mobile Counterweighted Cart Base
Ideal for areas that require access near a leading edge or into large tanks. System comes complete with counterweight cart, 36 in. (91.4 cm) inner extension tube, center section, and two outrigger screw assemblies. System counterweighted by 50 lb. (22.7 kg) weight plates. (Weight plates, davit mast and winch not included—order separately.)

8530088
Portable Catwalk Clamping Base
Designed to secure to 36 in. (91.4 cm) wide walkways. Ideal for areas that require access off a mezzanine or walkway. System comes complete with catwalk hook, 16 in. (40.6 cm) inner extension tube, center section and two outrigger screw assemblies. Other models available to accommodate different widths of walkways. (Davit mast and winch not included—order separately.)

8530256
Portable Anchor Point Base
Ideal for areas that require access over a leading edge. System comes complete with U-bolt anchor point to attach to secondary fixed anchor, 36 in. (91.4 cm) inner extension tube, center section, and two outrigger screw assemblies. System requires a 5,000 lb. (22 kN) anchorage point to be tied down to. (Davit mast and winch not included—order separately.)
**3M™ DBI-SALA® Aluminum Tripods**

Constructed of lightweight tubular aluminum with a rugged steel head assembly. Quick-release pins positively locate components at all adjustment points for tool-free setup and adjustment.

1. **Mechanical Devices**
   Supports up to three winches or SRLs for complete flexibility.

2. **Quick-Connect Bracket**
   Fast and easy attachment of mechanical devices.

3. **Safety Chain**
   Added support in demanding applications.

4. **Top Mounted Pulley System**
   Mount up to three pulleys to route mechanical device lifelines.

5. **Secondary Anchor Point**
   5,000 lb. (22 kN) anchor point for secondary fall arrest system.

6. **Aluminum Construction**
   Lightweight and durable for ease-of-use.

### 3M™ DBI-SALA® Aluminum Tripod with Salalift™ II Winch

**Selection guide:**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Tripod Height</th>
<th>Capacity</th>
<th>Lifeline Type</th>
<th>Lifeline Length</th>
<th>Lifeline</th>
</tr>
</thead>
<tbody>
<tr>
<td>8300030</td>
<td>7 ft. (2.1 m)</td>
<td>350 lbs. (159 kg)</td>
<td>Galvanized Cable</td>
<td>60 ft. (18 m)</td>
<td>1/4 in. (6.3 mm) dia. 7x19 Galvanized Aircraft Wire Rope</td>
</tr>
<tr>
<td>8300031</td>
<td>7 ft. (2.1 m)</td>
<td>350 lbs. (159 kg)</td>
<td>Stainless Steel Cable</td>
<td>60 ft. (18 m)</td>
<td>1/4 in. (6.3 mm) dia. 7x19 Stainless Steel Aircraft Wire Rope</td>
</tr>
<tr>
<td>8300040</td>
<td>9 ft. (2.7 m)</td>
<td>350 lbs. (159 kg)</td>
<td>Galvanized Cable</td>
<td>60 ft. (18 m)</td>
<td>1/4 in. (6.3 mm) dia. 7x19 Galvanized Aircraft Wire Rope</td>
</tr>
<tr>
<td>8300041</td>
<td>9 ft. (2.7 m)</td>
<td>350 lbs. (159 kg)</td>
<td>Stainless Steel Cable</td>
<td>60 ft. (18 m)</td>
<td>1/4 in. (6.3 mm) dia. 7x19 Galvanized Aircraft Wire Rope</td>
</tr>
</tbody>
</table>

### 3M™ DBI-SALA® Tripod with Salalift™ II Winch & Sealed-Block 3-Way SRL

**Selection guide:**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Tripod Height</th>
<th>Tripod Capacity</th>
<th>SRL Capacity</th>
<th>Lifeline Type</th>
<th>Lifeline Length SRL and or winch length</th>
<th>Lifeline</th>
</tr>
</thead>
<tbody>
<tr>
<td>8301041</td>
<td>7 ft. (2.1 m)</td>
<td>350 lbs. (159 kg)</td>
<td>75-310 lbs. (34-141 kg)</td>
<td>Galvanized Cable</td>
<td>Winch: 60 ft. (18 m) SRL: 50 ft.</td>
<td>Winch: 1/4 in. (6.3 mm) dia. 7x19 Galvanized Aircraft Wire Rope</td>
</tr>
<tr>
<td>8301042</td>
<td>7 ft. (2.1 m)</td>
<td>350 lbs. (159 kg)</td>
<td>75-310 lbs. (34-141 kg)</td>
<td>Stainless Steel Cable</td>
<td>Winch: 60 ft SRL: 50 ft. (15.2 m)</td>
<td>Winch: 1/4 in. (6.3 mm) dia. 7x19 Stainless Steel Aircraft Wire Rope</td>
</tr>
<tr>
<td>8301043</td>
<td>9 ft. (2.7 m)</td>
<td>350 lbs. (159 kg)</td>
<td>75-310 lbs. (34-141 kg)</td>
<td>Galvanized Cable</td>
<td>Winch: 60 ft. (18 m) SRL: 50 ft.</td>
<td>Winch: 1/4 in. (6.3 mm) dia. 7x19 Galvanized Aircraft Wire Rope</td>
</tr>
</tbody>
</table>

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3M™ DBI-SALA® Tripod with Sealed-Block 3-Way SRL

Selection guide:

<table>
<thead>
<tr>
<th>Part #</th>
<th>Tripod Height</th>
<th>Capacity</th>
<th>Lifeline Type</th>
<th>Lifeline Length</th>
<th>Lifeline</th>
</tr>
</thead>
<tbody>
<tr>
<td>8301030</td>
<td>7 ft. (2.1 m)</td>
<td>75-310 lbs. (34-141 kg)</td>
<td>Galvanized Cable</td>
<td>50 ft. (15.2 m)</td>
<td>3/16 in. (5 mm) dia. 7x19 Galvanized Aircraft Wire Rope</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Ultra-Lok™ 3-Way Tripod Combo

Selection guide:

<table>
<thead>
<tr>
<th>Part #</th>
<th>Tripod Height</th>
<th>Capacity</th>
<th>Lifeline Type</th>
<th>Lifeline Length</th>
<th>Lifeline</th>
</tr>
</thead>
<tbody>
<tr>
<td>8301062</td>
<td>7 ft. (2.1 m)</td>
<td>75-310 lbs. (34-141 kg)</td>
<td>Galvanized Cable</td>
<td>50 ft. (15.2 m)</td>
<td>3/16 in. (5 mm) dia. 7x19 Galvanized Aircraft Wire Rope</td>
</tr>
<tr>
<td>8301064</td>
<td>9 ft. (2.7 m)</td>
<td>75-310 lbs. (34-141 kg)</td>
<td>Galvanized Cable</td>
<td>50 ft. (15.2 m)</td>
<td>3/16 in. (5 mm) dia. 7x19 Galvanized Aircraft Wire Rope</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Ultra-Lok™ 3-Way Tripod Combo with Winch

Selection guide:

<table>
<thead>
<tr>
<th>Part #</th>
<th>Tripod Height</th>
<th>Tripod Capacity</th>
<th>SRL Capacity</th>
<th>Lifeline Type</th>
<th>Lifeline Length</th>
<th>Lifeline</th>
</tr>
</thead>
<tbody>
<tr>
<td>8301066</td>
<td>7 ft. (2.1 m)</td>
<td>350 lbs. (159 kg)</td>
<td>75-310 lbs. (34-141 kg)</td>
<td>Galvanized Cable</td>
<td>Winch: 60 ft. (18 m) SRL: 50 ft. (15.2 m)</td>
<td>Winch: 1/4 in. (6.3 mm) dia. 7x19 Galvanized Aircraft Wire Rope SRL: 3/16 in. (5 mm) dia. 7x19 Galvanized Aircraft Wire Rope</td>
</tr>
<tr>
<td>8301068</td>
<td>9 ft. (2.7 m)</td>
<td>350 lbs. (159 kg)</td>
<td>75-310 lbs. (34-141 kg)</td>
<td>Galvanized Cable</td>
<td>Winch: 60 ft. SRL: 50 ft. (15.2 m)</td>
<td>Winch: 1/4 in. (6.3 mm) dia. 7x19 Galvanized Aircraft Wire Rope SRL: 3/16 in. (5 mm) dia. 7x19 Galvanized Aircraft Wire Rope</td>
</tr>
</tbody>
</table>

8513158
3M™ DBI-SALA® UCT-300
7 ft. Tripod
- Lightweight, durable aluminum construction.
- Telescoping adjustable locking legs.
- Built-in pulley system—can accommodate up to three pulleys.
- 5,000 lb. (22 kN) built-in head mounted anchor point.
- Capacity: 450 lbs. (204 kg)

Winch and SRL not included—order separately.

8000010
9 ft. Aluminum Tripod
With adjustable locking legs, safety chains, top pulley and winch bracket. 350 lbs. (159 kg) capacity.

8512292
Winch/SRL Mounting Bracket for Tripod (8513159)

8510224
Winch/SRL Mounting Bracket for Tripod (8513158)

8512293
Top Pulley Assembly for UCT Series Tripods
Routes mechanical device’s lifeline over and into confined space area.

8000000
3M™ DBI-SALA® 7 ft. Aluminum Tripod
- Lightweight, durable aluminum construction.
- Telescoping adjustable locking legs.
- Built-in pulley system.
- 5,000 lb. (22 kN) built-in head mounted anchor point.
- Capacity: 350 lbs. (159 kg)

Winch and SRL not included—order separately.
**Accessories**

8513330  
Carrying Bag  
For 10 ft. (3 m) Tripod with protective plastic liner (8513159).

8513329  
Carrying Bag for 7 ft. (2.1 m) tripod with protective plastic liner (8513158)

9503094  
Carrying Bag for 7 ft. (2.1 m) tripod (8000000)

9503095  
Carrying Bag for 9 ft. (2.7 m) tripod (8000010)

---

**3M™ DBI-SALA® Pole Hoist System**

The pole hoist attaches with a carabiner on the universal bracket to a suitable anchor point, allowing you to work in any direction from any angle. It has a unique swivel head that rotates 360 degrees, providing flexibility in both vertical and horizontal confined space entries. Custom lengths available—call for details.

---

8520777  
Clamp-On Anchor for Pole Hoists  
Designed to secure to a vertical or horizontal flange up to 6 in. (15.2 cm) thick and provide an anchorage point to connect a pole hoist device to.

2104550  
Steel Anchor Plate with D-Ring  
This plate anchor offers a compact, reliable attachment to 3/8 in.-1 in. thick plate steel for connecting your lanyard, vertical lifeline system or self-retracting lifeline.

8513330  
Carrying Bag  
For 6 ft.-10 ft. pole hoist.

8513329  
Carrying Bag for 4 ft.-7 ft. pole hoist.
Our portable fall arrest post allows for up to three workers on top of transformers or other types of vertical platforms with potential fall hazards.

8516691 Portable Fall Arrest Post
- Three independent swiveling tie-off points.
- 360 degrees of protection for three workers.
- Telescopic design: 32.75 in.-46 in.-57.25 in. (83.2 cm-116.8 cm-145.4 cm)
- Lightweight and durable aluminum construction.

8516693 Rescue Davit Arm for Portable Fall Arrest Post
The optional rescue davit arm assembles easily to our portable fall arrest post, providing simple and efficient rescue and material handling capabilities.

8516692 14 in. Anchor Post Extension
Provides option to tie-off one worker at an increased height of 68.5 in. (174 cm). Weight: 5 lbs. (2.2 kg)

8517565 Carrying Bag
Heavy-duty carrying bag for Portable Fall Arrest Post.

8517412 Bare Steel Uni-Anchor with Tie-Off Anchors
For closed environments without chemical or moisture exposure.

8510816 Weld-On Mounting Plate
Unplated mild steel construction.

8517413 Incline Adapter with Tie-Off Anchor
Permanently weld to inclined surfaces.

8519819 Base Concrete Anchor.
Bolt-on anchor plate for concrete or steel surfaces.
Retrieving incapacitated workers and bringing them to safety makes the mechanical device one of the most critical parts of your rescue system. In some situations, you may need a secondary or backup system.

1 **Digital Winches**
- Man rated 450 lb. (201 kg) capacity.
- Digital usage indicator tracks drum revolutions to determine service intervals.
- Triple redundant braking system.
- Sealed bearings at all contact points.

2 **3-Way Sealed-Block Self-Retracting Lifeline**
- Ideal for secondary or backup.
- Man rated 420 lb. (190 kg) capacity.
- Fall arrest system limits forces to 900 lbs. (4 kN)
- Built-in emergency retrieval winch.
- Input handle with primary brake.

**3M™ DBI-SALA® Salalift™ II Winches**
- Man rated 350 lb. (159 kg) capacity.
- Overload clutch.
- Gear ratio of 6:1.
- Free-wheel mode.
- Shielded ball bearings.
# 3M™ DBI-SALA® Winches

<table>
<thead>
<tr>
<th>Drive type</th>
<th>Lifeline type</th>
<th>Mounting bracket</th>
<th>Winch bag</th>
<th>Digital winch</th>
<th>Salalift™ II Winch</th>
<th>50 ft. (15.2 m)</th>
<th>60 ft. (18 m)</th>
<th>90 ft. (27 m)</th>
<th>120 ft. (36.5 m)</th>
<th>140 ft. (42 m)</th>
<th>190 ft. (58 m)</th>
<th>240 ft. (73 m)</th>
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<td>Removable handle</td>
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<td>8518601</td>
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<table>
<thead>
<tr>
<th>Cable model weight</th>
<th>30.5 lbs. (13.8 kg)</th>
<th>32.5 lbs. (14.7 kg)</th>
<th>38.5 lbs. (17.5 kg)</th>
<th>40 lbs. (18.4 kg)</th>
<th>43 lbs. (19.5 kg)</th>
<th>50 lbs. (22.6 kg)</th>
<th>53.5 lbs. (19.5 kg)</th>
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<tbody>
<tr>
<td>Technora® rope model weight</td>
<td>27 lbs. (12.2 kg)</td>
<td>27 lbs. (12.2 kg)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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</tbody>
</table>

The 3M™ DBI-SALA® Salalift™ II Winch includes a mounting bracket and carrying bag.
* Power drive units require Overload Protection Clutch (8512936)—not included.

**8512936**
Overload Protection Clutch
Features a maximum working load of 450 lbs.
3M™ DBI-SALA® 3-Way Self-Retracting Lifelines

8510207
Winch/SRL Adapter with Flat Back
Attaches 3M™ DBI-SALA® Winch/SRL to structures.

8516824
Quick-Release Mounting Bracket
For upper and lower masts.

8517567
Padded Carrying Bag
For digital winch.

1001210
Retrieval Wristlets
For upper and lower masts. Rescue/retrieval design is ideal for connection to victim's wrists for narrow extractions. D-ring at end x 2 ft. (0.6 m).

1231460
Y-Lanyard
Rescue/retrieval design ideal for use with harness incorporating D-rings. D-ring at center x 2 ft. (0.6 m).

Cable type | Sealed-Block | Sealed-Block without bracket | Sealed-Block / RSQ | Ultra-Lok | 30 ft. (9.1 m) | 50 ft. (15.2 m) | 85 ft. (25.9 m) | 130 ft. (39.6 m) | 175 ft. (52.5 m)
---|---|---|---|---|---|---|---|---|---
Galvanized steel
■ | - | - | - | - | 3400853 | 3400923 | 3400871 | 3400976 | -
■ | - | - | - | - | 3400850 | 3400920 | 3400870 | 3400975 | 3400660
■ | - | - | - | - | 3400940 | - | - | - | -
■ | - | - | - | - | 3501102 | - | - | - | -
Stainless steel
■ | - | - | - | - | 3400858 | 3400926 | 3400882 | 3400987 | -
■ | - | - | - | - | 3400852 | 3400922 | 3400874 | 3400979 | 3400661
■ | - | - | - | - | 3400942 | - | - | 3401004 | -
■ | - | - | - | - | 3501103 | - | - | - | -

1231470
Y-Lanyard without spreader bar
x 2 ft. (0.6 m)
Always be rescue-ready.

Rescue and Descent

Make the 3M™ DBI-SALA® Self-Rescue Device your rescue plan. It attaches to your safety harness and allows you to lower yourself to safety in the event of a fall from height. It helps minimize the risk for you, your coworkers and emergency response personnel.

Choosing a rescue and descent system.

A single rescue system cannot efficiently handle every scenario and may perform well for one application but not another. When choosing a system, it’s important to consider the job site, anchor location, working load and ease-of-use.
Work at height without worrying about hanging in your harness for an extended period of time after an arrested fall event. Instead of waiting for help, lower yourself to safety with the 3M™ DBI-SALA® Self-Rescue Device.

1. **Easily Accessible Primary Release Cord**

2. **Easy-Link SRL Adapter**
   - A simple, fast connection point for your lanyards or personal SRLs.

3. **Molded Padding**
   - Protects the bag from wear and tear.

4. **Color-Coded and Reflective Elements**
   - Provides greater visibility, even in dark situations.

5. **Assisted-Rescue and 3M™ DBI-SALA® Rescue Pole**
   - Allows for remote access and deployment by a colleague.

6. **50- and 100-Foot Lengths**
   - More flexibility and freedom to work at height worry-free.

**Virtually Universal Attachment**

The Self-Rescue Device retrofits to virtually any safety harness, so you can keep wearing the one you’re most comfortable using.

**Sealed Descent Device and Rope Spool**

Designed and tested to withstand the toughest conditions.
3320031
Self-Rescue 100
Height: 19 in., Width: 7 in.
Depth: 2.5 in., 100 ft. of 5.5 mm rope.

3320030
Self-Rescue 50
Height: 19 in., Width: 7 in.
Depth: 2.5 in., 50 ft. of 5.5 mm rope.

3320037
Self-Rescue Training Device
This 30-foot trainer device simulates a realistic fall rescue experience, allowing you to educate your team on the use of the product. It’s easy to rewind the rope on-site, so you can train your team up to 20 times before recertification of the device will be required.
Height: 19 in., Width: 7 in.
Depth: 2.5 in., 30 ft. of 5.5 mm rope.

8900299
Rescue Pole
Kit includes bag, rescue pole, carabiner and tagline.
Bag length: 28.5 in.
Width: 6 in.
Depth: 2 in.
Weight: 2 lbs.
Pole extends to 8 ft. 8 in.
Work and rescue with the same equipment for lower cost of ownership—without compromising safety.

- Standard fall arrest mode.
- Automatic descent mode.
- Remote/assisted descent activation options.
- As featured on Sealed-Block RSQ and Ultra-Lok™ RSQ Self-Retracting Lifelines.

**Sealed-Block RSQ Self-Retracting Lifelines**

Stainless steel wire rope with swivel snap hook, RSQ dual-mode, anchorage carabiner, 4 ft. (1.2 m) cable tie-off adapter.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>3400932</td>
<td>50 ft. (15 m)</td>
</tr>
<tr>
<td>3400886</td>
<td>85 ft. (25.5 m)</td>
</tr>
<tr>
<td>3400991</td>
<td>130 ft. (39 m)</td>
</tr>
</tbody>
</table>

**Ultra-Lok™ RSQ Self-Retracting Lifelines**

50 ft. (15.2 m) of 3/16 in. (5 mm) wire rope with swivel snap hook and RSQ dual-mode.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3504550</td>
<td>Galvanized Steel Wire Rope</td>
</tr>
<tr>
<td>3504552</td>
<td>Stainless Steel Wire Rope</td>
</tr>
</tbody>
</table>
Keep rescues simple with one of the lightest, most compact and easy-to-use devices in the industry.

1. **Drill Adapter**
   Provides a mechanical option to raise a victim.

2. **Cast Aluminum Housing**
   Lightweight and extremely durable.

3. **Bi-Directional Hub**
   Brings one hook up as the other goes down, for immediate use after each descent.

4. **Anchorage**
   Provides greater visibility, even in dark situations.

5. **Integrated Rope Ears**
   Greater descent speed control in assisted rescues.

6. **Dual Brakes**
   Added security, safety and peace of mind.

7. **Durable Rope**
   3/8 in (9.5 mm) Static Kernmantle Rope.

8. **Lifeline Hook**
   Patented Self-Locking Snap Hook.

**Multiple Length Options**
Lengths between 50 ft. (15 m) and 500 ft. (152 m)

**Two-Person Capacity**
Can be used from heights up to 1,640 ft. (500 m) for one user at 310 lbs. (141 kg) or 575 ft. (175 m) for two users totaling 620 lbs. (282 kg)

**Optional Ladder Bracket**
Sold separately—3320014.
3M™ DBI-SALA® Rollgliss™
R550 Rescue Units
Includes carabiner (two), 4 ft. (1.22 m) anchor sling and rope bag.

Selection guide:

<table>
<thead>
<tr>
<th>Part #</th>
<th>Length</th>
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<tbody>
<tr>
<td>3327050</td>
<td>50 ft. (16 m)</td>
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<td>3327100</td>
<td>100 ft. (31 m)</td>
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<tr>
<td>3327150</td>
<td>150 ft. (46 m)</td>
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<tr>
<td>3327200</td>
<td>200 ft. (61 m)</td>
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<td>3327275</td>
<td>275 ft. (84 m)</td>
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<td>3327300</td>
<td>300 ft. (92 m)</td>
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<td>3327325</td>
<td>325 ft. (100 m)</td>
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<td>350 ft. (107 m)</td>
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<td>3327400</td>
<td>400 ft. (122 m)</td>
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<td>3327450</td>
<td>450 ft. (137 m)</td>
</tr>
<tr>
<td>3327500</td>
<td>500 ft. (153 m)</td>
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</tbody>
</table>

3M™ DBI-SALA® Rollgliss™
R550 Escape Units
Includes carabiner (two), 4 ft. (1.22 m) anchor sling.

Selection guide:

<table>
<thead>
<tr>
<th>Part #</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td>3325100</td>
<td>100 ft. (31 m)</td>
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<tr>
<td>3325200</td>
<td>200 ft. (61 m)</td>
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<td>3325300</td>
<td>300 ft. (92 m)</td>
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<tr>
<td>3325400</td>
<td>400 ft. (122 m)</td>
</tr>
<tr>
<td>3325500</td>
<td>500 ft. (152 m)</td>
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</tbody>
</table>

3M™ DBI-SALA® Rollgliss™
R550 Rescue Units with Case
Includes edge protector, 4 ft. (1.22 m) anchor sling (two), 2.5 ft. (0.76 m) anchor sling, pulley, rope grab, carabiner (three), rope bag and humidity case.

Selection guide:

<table>
<thead>
<tr>
<th>Part #</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>3326100</td>
<td>100 ft. (31 m)</td>
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<tr>
<td>3326300</td>
<td>300 ft. (92 m)</td>
</tr>
<tr>
<td>3326350</td>
<td>350 ft. (107 m)</td>
</tr>
</tbody>
</table>

**Accessories**

- **9506162**
  Rope Bag

- **3620005**
  Anchoring Sling
  4 ft. (1.22 m)

- **3620004**
  Anchoring Sling
  2.5 ft. (0.76 m)

- **3320003**
  Edge Protector with Carabiner

- **9504733**
  Pulley

- **8900298**
  Rescue Pole

- **3320014**
  Ladder Bracket

- **9508289**
  Humidity Case
  Fully sealed case provides 10 year minimum storage life. External humidity indicator allows user to inspect the seal without opening case.

- **2000112**
  Carabiner
  11/16 in. (1.75 cm) gate.

- **2000114**
  Carabiner
  2 3/16 in. (5.56 cm) gate.
3M™ DBI-SALA® Rollgliss™ R350 Rescue and Descent Positioning Device
Get efficient hauling and very controlled lowering—using a finger and thumb to hold a load.

8902004
Rollgliss™ R350 Rescue System
50 ft. travel/200 ft. of 3/8 in. rope (15.2 m/61 m), 3:1 ratio with pulleys, rope control device, anchor strap, carabiner and carrying bag.

8902006
Rollgliss™ R350 Rescue System
100 ft. travel/400 ft. of 3/8 in. rope (30.5 m/122 m), 3:1 ratio with pulleys, rope control device, anchor strap, carabiner and carrying bag.

Rollgliss™ Rescue Positioning Device
Service buildings, bridges and dams with this versatile rescue positioning device. It features a speed-sensing lock that allows you to manually lock off the device once you reach a work level. It serves both as a rescue system and has features for raising, lowering and positioning during normal work activities.

- Pre-rigged for quick and easy installation and use.
- No special tools, power source or extensive skills needed.
- Built-in brake.
- Lock-out mechanism allows user to stop/start anywhere.

3602050
Rollgliss™ Rescue Positioning Device
50 ft. travel/260 ft. of 3/8 in. rope (15.25 m/79.3 m), 4:1 ratio with pulleys, rope anchor straps, two carabiners and carrying bag.

3602100
Rollgliss™ Rescue Positioning Device
100 ft. travel/510 ft. of 3/8 in. rope (30.5 m/155.5 m), 4:1 ratio with pulleys, rope anchor straps, two carabiners and carrying bag.

3M™ DBI-SALA® Rollgliss™ Descender
Make a quick and safe escape. Either vertical or sloped descent models are available to provide complete versatility and flexibility for any job site or work environment.

---

### 3M™ DBI-SALA® Rollgliss™ Descent Type

<table>
<thead>
<tr>
<th>Descent Type</th>
<th>Lifeline Material</th>
<th>Low/High Speed</th>
<th>15 ft. (35 m)</th>
<th>200 ft. (61 m)</th>
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<td>Sloped</td>
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<tr>
<td></td>
<td>SS High</td>
<td>-</td>
<td>3303016</td>
<td></td>
</tr>
</tbody>
</table>

Sloped low speed models also include linkage, guide cable sleeve and suspension bars. Sloped high speed models include linkage, braking trolley and suspension bars.
8900292
Rollgliss™ R250 Rescue Kit
Enables the rescuer to remove a person from danger without putting themselves at risk by descending to them.
- 33 ft. (10 m) travel length.
- Easily transported in backpack-style bags.
- Takes only a few minutes to set up and use.

8900293  Rollgliss™ Rescue Kit with 66 ft. (20 m) travel length.
8900294  Rollgliss™ Rescue Kit with 99 ft. (30 m) travel length.

3601490
Rollgliss™ Sealed Tension Limiter
Attaches to man-riding system in-line between the person and the raising/lowering line to warn operator and limit forces on an entangled worker.
- Limits loading on person to 400 lbs. (182 kg) to prevent severe injury.
- High visibility line.
- Portable and lightweight.
  *Always use a separate back-up fall protection device with this system.*

2103189
Fisk Descender
- Gentle flow for 19 in. (48.3 cm) of lifeline to pass through the descender.
- Large radius for smoother descent and less wear to lifeline.
- Reduction in rope hocking and torsional twist.
- Durable 304 stainless steel construction.

Descenders
8700388
Double Stop Descender Range
Anodized gold/blue aluminum, suits 12.5-13 mm rope.
8700387  Anodized gold aluminum, suits 10.5-12 mm rope.

8516294
Rollgliss™ Rescue Ladder
Provides a way to assist rescue after a fall has occurred. It can be anchored to a structure and dropped to the victim, so they can climb up or down to safety.
- Available in 8 ft. (2.4 m) sections.
- Extra sections can be added.
- Includes three carabiners for attachment.

8516316
Rollgliss™ Rescue Ladder Anchor
For mounting rescue ladder to a davit arm or single anchorage point.

Technical Rescue Lines
This line complements our line of industrial rescue systems, including pre-rigged rescue kits like the Rollgliss™ R350, R550 and more.
Netting and Guardrails

Grab the right netting or guardrail. It’ll return the favor.

3M™ DBI-SALA® Netting and Guardrail Systems are extremely simple to set up and offer a variety of configurations for accommodating your needs. We manufacture portable and permanent systems for various applications and customize solutions to meet specific jobsite requirements. All of our systems meet or exceed OSHA and ANSI standards.

Choose a netting system.

Look for quality in these features when selecting netting.

1 Quality material
3M™ DBI-SALA® Netting is rot-proof, mildew-proof and has UV protection for longer lasting service.

2 Adjustability
Our 3M™ DBI-SALA® Adjust-A-Net™ System is the only personnel net that can be adjusted to fit the work area.

3 Mesh sizes and liners
Meshes are available in many sizes and strengths, depending on the job.

4 Anchoring points and ease of installation
Our netting systems are available with the related cable and hardware for installation to steel or concrete and are lightweight, so they’re easy to handle for fast and safe installation.

5 Snap hooks
Featuring a staggered system of lashed-in snap hooks, our netting systems allow for quick and easy connections.

Can’t find the right configuration? Contact your 3M Fall Protection sales representative.
**3M™ DBI-SALA® Border Guard™ System**

This exclusive system is the first lightweight personnel/debris system made for rigging nets around perimeters of new concrete buildings. It allows single floor attachment for closer protection at the pour level.

- Meets ANSI and OSHA standards for debris containment and for falls by personnel of 10 ft. or less.
- Installs from one level without a crane or special equipment.
- Non-destructive floor clamps easily attach to concrete slabs.

**Border Guard™ Starter Kit**

1 ea. net, 4 in. black mesh with 1/8 in. debris liner and snap hooks, 2 ea. floor clamps, 2 ea. 1/2 in. shackles, 8 ea. bolts, 6 ea. cable assemblies, 2 ea. straps with cam buckles.

Also available are starter kits with column bases. 2 arms, 2 concrete/I-beam column clamps, net and hardware.

4100047 Starter Kit, 10 ft. x 25 ft., column base.
4100155 Starter Kit, 10 ft. x 30 ft., column base.

<table>
<thead>
<tr>
<th>10 ft. x 10 ft.</th>
<th>10 ft. x 15 ft.</th>
<th>10 ft. x 25 ft.</th>
<th>15 ft. x 30 ft.</th>
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<tbody>
<tr>
<td>4100089</td>
<td>4100091</td>
<td>4100006</td>
<td>4100151</td>
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</tbody>
</table>

**Border Guard™ Add-On Kit**

1 ea. net, 4 in. black mesh with 1/8 in. debris liner and snap hooks, 2 ea. floor clamps, 1 ea. 10 ft. arm, 1 ea. 1/2 in. shackle, 4 ea. bolts, 3 ea. cable assemblies, 1 ea. strap with cam buckle.

Also available are Add-On Kits with column bases. 1 arm, 1 concrete/I-beam column clamp, net and hardware.

4100141 Add-On Kit, 10 ft. x 10 ft., column base.
4100140 Add-On Kit, 10 ft. x 15 ft., column base.
4100139 Add-On Kit, 10 ft. x 25 ft., column base.
4100156 Add-On Kit, 10 ft. x 30 ft., column base.

<table>
<thead>
<tr>
<th>10 ft. x 10 ft.</th>
<th>10 ft. x 15 ft.</th>
<th>10 ft. x 25 ft.</th>
<th>10 ft. x 30 ft.</th>
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<tbody>
<tr>
<td>4100092</td>
<td>4100093</td>
<td>4100007</td>
<td>4100153</td>
</tr>
</tbody>
</table>

**Border Guard™ Corner Kit**

1 ea. 12 ft. x 12 ft. x 17 ft. net, 4 in. black mesh with 1/8 in., debris liner and snap hooks, 1 ea. cable assembly.

4100157 Hardware Pack
Personnel Nets

Personnel nets are designed to catch workers in unprotected areas such as bridges, buildings, towers, dams, silos, atriums, shafts, stairwells and skylights.

3M™ DBI-SALA® Adjust-A-Net™ with optional debris liner

Four basic models fit any size or shape workspace. Nets must be erected so that workers can never fall more than 25 ft.

- Adjustable straps allow 50% reduction of original size.
- Built-in test cords allow evaluation of integrity.
- Rugged steel snap hooks placed every 48 in. column base

<table>
<thead>
<tr>
<th>Size</th>
<th>10 ft. x 5 ft.</th>
<th>10 ft. x 10 ft.</th>
<th>10 ft. x 15 ft.</th>
<th>15 ft. x 30 ft.</th>
<th>20 ft. x 40 ft.</th>
<th>25 ft. x 50 ft.</th>
<th>30 ft. x 60 ft.</th>
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<tr>
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<td>-</td>
<td>4100100</td>
<td>4100101</td>
<td>4100102</td>
<td>4100103</td>
</tr>
<tr>
<td>Debris liner</td>
<td>4100406</td>
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<td>4100401</td>
<td>4100402</td>
<td>4100403</td>
</tr>
</tbody>
</table>

4102003  
Flying Form Net

Made for today’s multi-story buildings that use flying forms to construct concrete floors.

- One-time installation.
- Passive fall arrest and debris retention.
- UV-protected nylon mesh.

4102002  
Pour-in-Place Net

8 ft. x 100 ft. Provides personnel fall protection on unprotected floor openings. Custom sizes are available.

- Passive fall arrest and debris retention.
- Durable nylon mesh.
- Fast and easy removal.

4102001  Pour-in-Place Net, 8 ft. x 50 ft.
Debris Nets

Debris nets catch construction tools and debris and prevent injury to workers, pedestrians, structures and materials below.

3M™ DBI-SALA® Vertical Debris Net

Highly visible, bright orange mesh protects workers near building edges as a guardrail and replaces mid-rail and tow boards, making it less expensive and easier to install.

- UV-resistant, fire-retardant.
- Exceeds OSHA's 200 lb. strength requirements and New York City construction codes.

4100003 Attachment Kit, 50 clips & 20 tie-down plates.
4100275 Cable ties, 20 in. nylon, 250 lbs., 25-pack.

<table>
<thead>
<tr>
<th>Net color</th>
<th>Attachment kit</th>
<th>48 in. x 100 ft.</th>
<th>48 in. x 150 ft.</th>
<th>60 in. x 100 ft.</th>
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<tr>
<td>Orange</td>
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<td>4100200</td>
<td>4100202</td>
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<td></td>
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<td>4100300</td>
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<td>4100301</td>
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<tr>
<td>Blue</td>
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<td>4100204</td>
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<td>4100304</td>
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<td>4100305</td>
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</tbody>
</table>

4102000 Floor-to-Ceiling Debris Net

Provides complete containment of project debris and is strong enough to meet guardrail requirements for personnel. Easily connects to top and bottom cables and is reusable throughout the life of the project. 9 ft. 6 in. tall x 30 ft. wide.

4195436 Floor-to-Ceiling Fastener Plates, 16-pack.

Custom sizing available—please call 314-492-4422.
3M™ DBI-SALA® Rack Guard Adjustable Nets

Gray, fire-retardant with borders.

**Model #480 — 4 in. x 4 in. mesh — 4,000 lb. load rating**

<table>
<thead>
<tr>
<th></th>
<th>9 ft. 4 in.</th>
<th>12 ft. 4 in.</th>
<th>16 ft. 4 in.</th>
<th>18 ft. 4 in.</th>
<th>20 ft. 8 in.</th>
<th>25 ft.</th>
<th>27 ft. 8 in.</th>
<th>30 ft. 8 in.</th>
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<tr>
<td>12 ft.</td>
<td>4101575</td>
<td>4101578</td>
<td>4101562</td>
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<td>4101569</td>
<td>4101580</td>
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<td>16 ft.</td>
<td>4101576</td>
<td>4101581</td>
<td>4101563</td>
<td>4101566</td>
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<td>4101584</td>
<td>4101572</td>
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<tr>
<td>20 ft.</td>
<td>4101577</td>
<td>4101582</td>
<td>4101564</td>
<td>4101567</td>
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<tr>
<td>25 ft.</td>
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<td>4101586</td>
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<tr>
<td>30 ft.</td>
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**Model #245 — 2 in. x 2 in. mesh — 2,500 lb. load rating**

<table>
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<th></th>
<th>9 ft. 4 in.</th>
<th>12 ft. 4 in.</th>
<th>16 ft. 4 in.</th>
<th>18 ft. 4 in.</th>
<th>20 ft. 8 in.</th>
<th>25 ft.</th>
<th>27 ft. 8 in.</th>
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<tbody>
<tr>
<td>12 ft.</td>
<td>4101550</td>
<td>4101553</td>
<td>4101587</td>
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<td>4101554</td>
<td>4101555</td>
<td>4101596</td>
<td>4101599</td>
</tr>
<tr>
<td>16 ft.</td>
<td>4101551</td>
<td>4101556</td>
<td>4101588</td>
<td>4101591</td>
<td>4101558</td>
<td>4101559</td>
<td>4101597</td>
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<td>20 ft.</td>
<td>4101552</td>
<td>4101557</td>
<td>4101589</td>
<td>4101592</td>
<td>4101560</td>
<td>4101561</td>
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</tr>
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<td>25 ft.</td>
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<td>4101593</td>
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<td>30 ft.</td>
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</table>

**Rack Hardware Kits**

4101502  Flush Mount/Starter Kit (60 ft.) 1/4 in. wire cable, (4) 3/8 in. eyebolts, (8) 1/4 in. cable clamps, (4) 1/4 in. thimbles, (50) 5/16 in. snap hooks, (2-packs) 20 in. ties, (4) flush clamps.

4101500  Flush Mount/Add-On Kit (60 ft.) 1/4 in. wire cable, (4) 3/8 in. eyebolts, (8) 1/4 in. cable clamps, (4) 1/4 in. thimbles, (50) 5/16 in. snap hooks, (2-packs) 20 in. ties, (2) flush clamps.


4101505  Offset Mount/Add-On Kit (115 ft.) 1/4 in. wire cable, (8) 3/8 in. eyebolts, (16) 1/4 in. cable clamps, (8) 1/4 in. thimbles, (100) 5/16 in. snap hooks, (1-pack) 20 in. ties, (2) offset clamps.

4101503  Extension Starter Kit — flush (2) extensions, (2) diagonal braces, (2) flush clamps, (2) backstay braces.

4101501  Extension Add-On Kit (1) extension, (1) backstay brace.

4101504  Extension Starter Kit — offset (2) extensions, (2) diagonal braces, (2) offset clamps, (2) backstay braces.
3M™ DBI-SALA® Conveyor Adjustable Nets
Black, fire-retardant with borders.

Model #130 — 1 in. x 1 in. mesh — 1,000 lb. load rating

<table>
<thead>
<tr>
<th></th>
<th>9 ft. x 25 ft.</th>
<th>9 ft. x 50 ft.</th>
<th>3 ft. x 25 ft.</th>
<th>3 ft. x 50 ft.</th>
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<tbody>
<tr>
<td>4100016</td>
<td>4100015</td>
<td>4100018</td>
<td>4100017</td>
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</tbody>
</table>

Conveyor Hardware Kits

4100020  Box Shaped Guard Kit (25 ft. or 50 ft. run) (220 ft.) 1/4 in. wire cable, (8) 3/8 in. eyebolts, (4) 3/8 in. turnbuckles, (8) 1/4 in. thimbles, (16) 1/4 in. cable clamps, (100) 5/16 in. snap hooks, (1-pack) 9 in. ties.

4100019  Side Guard Kit (25 ft. or 50 ft. run) (110 ft.) 1/4 in. wire cable, (4) 3/8 in. eyebolts, (2) 3/8 in. turnbuckles, (2) 1/4 in. thimbles, (8) 1/4 in. cable clamps, (100) 5/16 in. snap hooks, (1-pack) 9 in. ties.

4195161  Optional J-Guide for 5/8 in. or 1/2 in. threaded rod.
Portable Guardrail System

This system acts as a barrier, preventing personnel from falling to lower levels, thus eliminating the fall hazard. This system can protect employees with little or no training, special maintenance or gear.

3M™ DBI-SALA® Portable Guardrail System

- Free-standing system eliminates surface penetration.
- Built-in rail and toe board receptacles allow for infinite configurations.
- Rubber pad provides skid resistance and protects the roof surface.
- Ergonomic handles allow for easy transportation and setup.
- Fast and easy set-screw installation, insert rail and tighten.
- Corrosion-resistant construction for longevity.

Custom colors available upon request.

7900060
Guardrail Base
Galvanized Base assembly for guardrail system, 70 lbs.

7900005
Guardrail Splice Kit
Powder coated steel splice kit allows user to connect customized shortened rail sections together.

7900007
Guardrail Gate
Powder coated steel swing gate, adjustable from 23 in.-38 in.

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<tbody>
<tr>
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<td>7900063</td>
<td>7900067</td>
<td>7900069</td>
<td>7900068</td>
</tr>
</tbody>
</table>
7900100
3M™ DBI-SALA® Portable Construction Guardrail Stanchion
This system acts as a barrier, preventing personnel from falling to lower levels, thus eliminating the fall hazard. This system can protect employees with little or no training, special maintenance or gear.

- Mounts in both parapet and edge grab configurations for jobsite versatility.
- Rapid clamping system expands from 6 in.-24 in. (15.25 cm-61 cm)
- Durable zinc-plated finish for corrosion resistance and longevity.
- Supports both top and mid-rail guardrails, and toe boards when used in edge grab configuration.
- Use with standard wood 2×4’s or other common guardrail materials.

Accessories

7900008
Guardrail Roof Hatch Kit
Includes: (4 ea.) 7900060 Guardrail Bases, (1 ea.) 7900007 Guardrail Gate, (3 ea.) 7900005 Guardrail Splice Kits, (3 ea.) 7900061 6 ft. Rails.

7900054
Guardrail Base Transport Cart
Accommodates 4 bases (not shown).
Training anywhere, anytime.

Choose from our expanded offering of modules and topics covering respiratory protection, protective eyewear, hearing protection, fall protection and more.

- Workplace safety hazards and health risks
- OSHA PPE regulatory requirements
- Proper use and maintenance of 3M PPE
- Certificates and quizzes
- Progress tracking and monitoring

Do it your way with flexible and mobile eLearning.

Whether you work in the field or train those who do, you can enhance your health and safety knowledge at a pace that’s right for you. Get 24/7 access to valuable health and safety education and training resources via 3M Academy. Registration is fast and easy, so you can get started right away.
Our site or yours. Training anytime, anywhere.

3M Fall Protection offers a full range of fall protection and industrial rescue courses at our training centers in Red Wing, MN, Houston, TX and Orange County, CA. We also offer on-site training in your workers’ everyday environment at your facility. Contact us for more information.

Our comprehensive training provides practical, hands-on experience, including scaffolding, fixed ladders, towers, sloped roofs, rebar walls, elevated catwalks, I-beams and confined spaces.

Open enrollment courses
Designed to train workers to comply with regulatory requirements.

- Fall Protection Competent Person.
- Fall Protection Competent Person Trainer.
- Fall Protection Equipment Inspector.
- Fall Protection Program Administrator.
- Competent Climber and Rescuer.
- Fall Protection Authorized Person.
- Fall Protection Qualified Person.
- Fall Protection Competent Person Refresher.
- Wind Energy Fall Protection Competent Rescuer.
- Wind Energy Fall Protection Competent Rescuer Trainer.
- Confined Space Entry Supervisor/Entrant.
- Confined Space Entry Rescuer.
- Confined Space Entry Trainer.
- Fall Protection Competent Industrial Rescuer.
- Fall Protection Competent Tower Rescuer.
- Dropped Object Prevention Competent Person.
- Construction Silica Competent Person.

Safety on demand
3M provides 24/7 access to valuable health and safety education and training resources via 3M Academy. Equip yourself and your team with knowledge on a variety of subject matter, including workplace safety hazards and health risks, OSHA personal protective equipment regulatory requirements and proper use and maintenance of 3M personal protective equipment.

Industry-specific and custom courses
3M Fall Protection will create custom training courses tailored to your site and workers, with hands-on demonstrations to resolve fall protection hazards in and around your facility.

Fall protection awareness demonstrations
An excellent introduction to fall protection, one of our specialized vehicles can bring on-site fall protection demonstrations to your workers.

Your employees rely on you to get the most comprehensive safety training available.
Objects dropped from height can result in severe personal injuries on a jobsite, equipment damage and tool loss, yet these hazards are often overlooked when planning workplace safety. This interactive course teaches how to implement the ABC’s of Fall Protection for Tools. It’s recommended for all individuals who work at height.

**Topics include:**
- Common dropped objects hazards
- ABC’s of Fall Protection for Tools
- Passive dropped object protection systems
- Tool restraint and tool arrest systems

Learn more about Fall Protection for Tools and other training opportunities at EngineeredFallProtection.com.
The science of fighting gravity.

Protecting workers takes more than just keeping them from falling. Tools, objects and equipment dropped from height can be just as hazardous. From construction sites to oil rigs, we help make work environments safer and more productive by protecting workers from hazards that can result in personal injury, equipment damage and tool loss.

There are a number of important steps that must be included in any comprehensive dropped object prevention program. They include: identification of drop hazards, design of corrective measures, implementation of those measures, an inspection or audit program, selection and use of proper equipment and/or systems, and in-depth training programs.
Everything you need to stop the drop.

Just like the ABC’s of fall protection for workers, tools and objects require the proper anchorage, connector and attachment point (body support). The tool tether is only part of a complete Fall Protection for Tools 3-point system solution. You also need an attachment point and anchorage to ensure they’re secure.

How to select a system:
There are many factors that go into choosing the system for any one worker’s situation. This requires making specific determinations.

**How heavy is the tool or equipment?**
- Weight will help determine what kind of tether (connector), attachment point and anchorage should be used.
- Use a scale or check the manufacturer’s specs to determine the weight of the tool.

**A. What’s the anchor point?**
- The weight and use of the tool are critical factors in this decision.
- On the body vs. off the body (It’s recommended that tools over 5 lbs. (2.3 kg) should never be anchored to the body).

**B. What are the attachment point options?**
- Depending on the tool, there may be more than one option.
- Some manufacturers may have attachment points engineered into the design of the tool.
- The correct attachment points should not impact tool use.

**C. What’s the appropriate connector for the tool?**
- Usually there is more than one option—one size does not fit all.
- Connectors should not impact tool use.
Every industry is different. Every jobsite is different. Every worker is different. That’s why 3M™ DBI-SALA® Fall Protection for Tools offers a vast portfolio of anchorage, connector and attachment point solutions for a wide variety of industries and occupations. From carpenters to concrete finishers and iron workers to welders, we have the solutions that can help you.

Here’s a sampling of some of our most popular products.

### Attachment Points

- **1500174, 1500168, 1500171** Quick-Wrap Tape II. 
  - Load Rating: 2 lbs. (0.9 kg)

- **1500009** D-Ring Cord. 
  - Load Rating: 5 lbs. (2.7 kg)

- **1500010** Micro D-Ring. 
  - Load Rating: 2 lbs. (0.9 kg)

- **1500027, 1500028, 1500029, 1500030** Quick Spin. Sm-XL. 
  - Load Rating: 1 lb. (0.5 kg)

- **1500013** Tool Cinch MD Single Wing. 
  - Load Rating: 35 lbs. (15.9 kg)

- **1500015** Tool Cinch MD Dual Wing. 
  - Load Rating: 35 lbs. (15.9 kg)

- **1500003** Heavy-Duty Hook2Loop Lanyard. 
  - Load Rating: 80 lbs. (36.3 kg)

- **1500051** Heavy-Duty Hook2Loop Lanyard. 
  - Load Rating: 80 lbs. (36.3 kg)

### Tool Tethers

- **1500156** 5 lb. Retractable Tool Lanyard with 1500161 Harness Adapter.

- **1500159, 1500160** Hook2Hook Coil Tether with Swivel. 
  - Qty. 1 or 10. 
  - Load Rating: 5 lbs. (2.3 kg)

- **1500178, 1500179** Hard Hat Tether. 
  - Qty. 10 or 100. 
  - Load Rating: 4 lbs. (1.8 kg)

- **1500047** Hook2Loop Bungee Tether. 
  - Load Rating: 15 lbs. (4.5 kg)

- **1500049** Medium-Duty Hook2Loop Bungee Tether. 
  - Load Rating: 35 lbs. (15.9 kg)

- **1500050** Medium-Duty Hook2Loop Lanyard. 
  - Load Rating: 35 lbs. (15.9 kg)

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View our full range of solutions: [www.3m.com/droppedobjectsprevention](http://www.3m.com/droppedobjectsprevention)

Contact 3M Fall Protection about our Dropped Object Competent Person training course.

Request a 3M™ DBI-SALA® Fall Protection for Tools catalog.

Distributed by Engineered Fall Protection | Sales@EngineeredFallProtection.com | (314) 492-4422 | www.EngineeredFallProtection.com
Compliant fall protection and emergency rescue systems help prevent serious injuries associated with fall events. Users must read and understand the User Instructions provided with the product, and must be properly trained by their employers in the safe use of these systems before using them, per OSHA 1910.140 and 1926.503 or applicable local standards. Misuse or failure to follow warnings and instructions may result in serious personal injury or death. For proper use, see supervisor, User Instructions.

⚠️ WARNING

Compliant fall protection and emergency rescue systems help prevent serious injuries associated with fall events. Users must read and understand the User Instructions provided with the product, and must be properly trained by their employers in the safe use of these systems before using them, per OSHA 1910.140 and 1926.503 or applicable local standards. Misuse or failure to follow warnings and instructions may result in serious personal injury or death. For proper use, see supervisor, User Instructions.