Meeting standards.

Elevating expectations.

3M™ Protecta®
Full Line Catalog
The sky’s the limit.

Every at-height worker deserves to be protected, no matter the size or nature of the job. That’s why Protecta® has become the choice of safety managers looking for reliable fall protection solutions that comply with safety regulations and help their workers get the job done. Now, as a part of 3M—a global and trusted brand in safety—3M™ Protecta® is a leader in the industry for fall protection solutions that are both practical and reliable.
Dependable and compliant fall protection. Period.

We’re no strangers to harsh conditions. For years, 3M™ Protecta® products have provided at-height workers with a combination of practical affordability and simple compliance. From basic harnesses and lanyards, to more complex, industry-specific anchorage connectors, we offer a wide range of gear for specialized needs and budgets without compromising on quality. Our gear meets or exceeds the world’s most stringent standards and codes—ANSI, OSHA, CSA and CE, as well as local and state codes.

Certified and tested.

Our onsite ISO 17025 accredited lab allows us to simulate heat, cold, moisture, corrosion and abrasion—the challenges you face every day. We conduct dynamic and static strength tests, both in the field and in our ISO 90001 certified manufacturing facilities, ensuring you get high quality, reliable fall protection.

For product inquiries:
Distributed by Engineered Fall Protection
Sales@EngineeredFallProtection.com
www.EngineeredFallProtection.com
Tel: (314) 492-4422
Anchorages are a secure point of attachment. Anchorage devices 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.

Body support harnesses distribute fall forces over the upper thighs, pelvis, chest and shoulders. They connect the worker to the fall arrest system.

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

Anchorage devices ....................... 6
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Full-body harnesses ...................... 16
Harness accessories ...................... 21
Self-retracting lifelines ............... 24
Shock-absorbing lanyards ............. 30
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, consisting of an anchorage, body support and connectors. These three components—when used together—form a complete fall protection system for working at height. 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 in retrieval 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.

Fall protection kits .....................36
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Secure connections in all kinds of environments.

Specific jobsites call for unique anchorage devices. That’s why we developed a complete line, all rigorously tested to meet OSHA and ANSI standards and help ensure strength. These devices support loads of 5,000 lbs. (22 kN) per worker, helping to anchor your personal fall arrest system to the main structure—whether it’s concrete, wood, steel or something else.
3M™ Protecta®
General (All-Purpose) Anchorage

These lightweight, portable anchors are a great choice for a variety of applications. Many are “choker” style, designed to create an easy-to-use anchor on an overhead location beyond normal reach—all with a high strength 5,000 lb. (22 kN) rating.

### Web Tie-Off Adapter
5900578
Pass-through design makes attaching to anchorage quick and easy. 1-3/4 in. x 6 ft. (1.8 m) polyester.

- 5900576 1-3/4 in. x 2 ft. (0.61 m) Adapter
- 5900577 1-3/4 in. x 3 ft. (0.9 m) Adapter
- 5900578 1-3/4 in. x 6 ft. (1.8 m) Adapter
- 5900579 1-3/4 in. x 8 ft. (2.4 m) Adapter
- 5900580 2 in. x 12 ft. (3.7 m) Adapter
- 5900581 2 in. x 16 ft. (4.9 m) Adapter
- 5900582 2 in. x 20 ft. (6.1 m) Adapter

### Cable Dual Ring Tie-Off Adapter
2190102
1/4 in. galvanized cable dual-ring tie-off adaptor, carabiner at one end, two D-rings at the other x 6 ft. (1.8 m).

- 2190100 3 ft. (0.9 m) Adapter
- 2190101 4 ft. (1.2 m) Adapter

### Cable Tie-Off Adapter
2100193
Galvanized cable tie-off adapter, pass-through type x 6 ft. (1.8 m).

- 2100192 4 ft. (1.2 m) Adapter

### Cable Anchorage Extension
AJ408AG
Lightweight and extremely durable 1/4 in. (6.4 mm) coated galvanized cable stands up to harsh environments Snap hook at one end, O-ring at other x 6 ft. (1.8 m).

- AJ408AG4 4 ft. (1.2 m) 1/4 in. Extension

### Carabiner
2000112
Reduced weight. Easy operation. Steel carabiners make for a versatile option to help keep your system securely connected. The 5,000 lb. (22 kN) minimum breaking strength and 3,600 lb. (16 kN) self-closing/locking gate enhance safety. 11/16 in. (17.5 mm) opening.

- 2000117 With roll pin, 11/16 in. (1.75 cm) opening
- 2000114 With 2-3/16 in. (5.56 cm) opening
Anchorage Connectors

3M™ Protecta® Sliding Beam Anchor

Work confidently with the 3M™ Protecta® Sliding Beam Anchor. This durable solution provides a high-strength anchorage point that follows you while you work. Once you secure it to the beam using the integrated adjustment buttons, simply connect your Self-Retracting Lifeline (SRL)* or lanyard to the rotating D-ring and you’re ready to work.

*Use 3M™ DBI-SALA® Nano-Lok™ edge Twin-Leg Quick-Connect Self-Retracting Lifeline – Cable when tying off at feet.

Applications:
- Bridge work
- Buildings
- Arenas
- Parking ramps

Versatile size ranges to fit a variety of beams
- Replaceable wear pads
- Centered, D-ring anchor point
- 5,000 lb. (22 kN) strength and up to 420 lb. (189 kg) capacity

Ordering information

<table>
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<tr>
<th>Part #</th>
<th>Beam Width</th>
<th>Flange Thickness</th>
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<td>2104703</td>
<td>3.5-14 in.</td>
<td>1.25 in.</td>
<td>Sliding Beam Anchor (ANSI)</td>
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For foot level tie-off, use 3M™ DBI-SALA® Nano-Lok™ edge Twin-Leg Quick-Connect Self-Retracting Lifeline – Cable, 8 ft. (2.4 m)

Model shown 3500225

Fully adjustable Integrated dual ratcheting adjustment system slides to fit snugly against the beam.

Versatile size range Fits beam flanges 3-1/2 in. to 14 in. (9 cm-35.5 cm) wide and up to 1-1/4 in. (3.2 cm) thick.

Replaceable wear pads Eliminate metal-to-metal contact and extend the usability.

Guarded locking mechanism Located on the bottom to reduce chance of accidental disengagement.

Built to last Rugged, corrosion resistant construction enhances longevity.

**3M™ Protecta® Steel Anchorage**

These lightweight, versatile anchors are often used during commercial construction and attached to steel columns and beams. Models can be permanently attached or temporarily clamped, offering a fixed or mobile anchorage connector. The result is an easy-to-install and secure 5,000 lb. (22 kN) tie-off point for your personal fall protection system.

**Eyebolt Anchor – Unthreaded**  
AN111A
Unthreaded ring only (no bolt), forged steel construction with zinc plating, 1-1/2 in. ID anchor area.

**Eyebolt Anchor – Threaded**  
AN112A
Forged steel construction with zinc plating, 1/2 in. x 1-3/8 in. mounting bolt, 2-3/4 in. ID horizontal anchor area and 1-3/8 in. ID vertical anchor area.

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**3M™ Protecta® Concrete Anchorage**

Secured to concrete decks and columns, these anchors are lightweight and compact, providing an easy to install and secure 5,000 lb. (22 kN) tie-off point for enhanced worker mobility on concrete construction sites.

**Reusable Wedge Anchor**  
2190053
A portable, easy-to-use concrete anchor for vertical walls or overhead ceilings.

**Concrete Anchor Strap**  
2190057
Pack of 25 disposable anchor straps with D-ring x 3-1/2 ft. (1 m) is designed to provide a temporary anchorage on concrete forms. Loop slips over rebar, then concrete is poured over. When no longer needed, simply cut strap and discard.

- 2190058 With D-Ring x 4 ft. (1.2 m) - Pack of 25
- 2190063 Without D-Ring x 3-1/2 ft. (1 m) - Pack of 25

**Concrete D-Ring Anchor**  
2190055
Simple, versatile concrete anchor for temporary or permanent applications. Extremely rugged design for extended life and jobsite flexibility.

- 2190060 With 6 bolts

**Concrete Anchor Plate**  
AJ720A
Mounts horizontally or vertically to concrete or steel. Includes forced D-ring for tie-off point and 4 concrete wedge anchor bolts.

**Continuous Concrete Insert Anchor**  
AN220A
Creates a mobile anchor in standard strut material. Stainless steel plates with steel carabiner. Accommodates 1-5/8 in. (4.1 cm) wide strut material.
Create a secure anchor point on a variety of roof designs without damaging the structure. Our complete array of anchorage devices for sloped wood and flat commercial steel roofs can help you customize the fall protection solution that’s right for your application.

**3M™ Protecta® Roof Anchors**

**Portable Reusable Roof Anchor**
2104000
For use on flat or sloped wood roofs. Installs with 32 ea. #8 screws or 32 ea. 16d nails. Simple hinge-style design is extremely easy to transport, install, dismantle and store.

**Knock-Down Disposable Roof Anchor Kit**
2103680
Simply nail into sheathing and roof member. When job is complete, knock down or shingle over. Kit contains 12 anchors and nails.

**Permanent Ridge Roof Anchor**
2103678
Installs with nails at the roof ridge. Shingle over, leaving only the D-ring exposed. Provides fall protection during initial construction as well as for future homeowner.
Fast and easy anchor points for at-height work.

3M™ Protecta® Roof Anchors give you versatility to get the job done.

For harsh construction environments, you need roof anchorage points you can count on. 3M™ Protecta® Roof Anchors are durable to help you get the job done efficiently day after day, month after month. They’re easy to install on flat or sloped roofs and can be used for wood or metal surfaces.

**Standing Seam Roof Anchor 2190072**

- **Installs to Flat or Sloped Standing Seam Roofs** System clamps to standing seams without special tools, providing an anchorage point for an SRL.

- **Non-Penetrating Design**
  Four seam clamps allows for quick attachment without damaging the roof.

- **Adjustable Legs**
  Simple bolt style adjustable legs allow you to size the system to a variety of seam spacing. Fits a variety of seam spacings up to 36 in.

- **Portable and Reusable**
  Anchor can be removed and simply reinstalled in a new location for added jobsite flexibility.

**Swivelining Roof Anchor 2190070**

- **Installs to Sloped or Flat Wood and Metal Decking Roofs**
  Anchor can be installed to a variety of roofing materials to provide an anchorage point for an SRL.

- **Fast and Easy Installation**
  Fastener kit included—includes 16 ea. ¼-14 × 2-1/2 in. self-tapping screws for steel installation and 8 ea. ¼ x 2-1/2 in. lag screws for wood.

- **Portable and Reusable**
  Anchor can be removed and simply reinstalled in a new location for added jobsite flexibility.

- **360-degree Swiveling**
  Maximizes your mobility.
Safety. Productivity. 3M™ Protecta® Vertical and Horizontal Lifeline Systems are built to deliver both. Workers across a wide variety of industries trust our systems to keep them safe and complement their work—all while meeting applicable standards and regulations.
3M™ Protecta®
Synthetic Horizontal Lifeline (HLL) System

1200101
Lightweight, easy to install, disassemble and transport.

- Complete kit includes two tie-off adapters for simple anchorage to structure
- Built-in shock absorber reduces anchorage loadings to help preserve the structure
- Fall-arrest rated for two users, providing jobsite flexibility
- 60 ft. (18 m) web lifeline is compact, portable and versatile

1200105 Synthetic HLL System with carrying bag (no tie-off adapters) x 60 ft. (18 m)
**Vertical and Horizontal Systems**

**3M™ Protecta®**

**Rope Grabs**

**Rope Grab (Auto/Manual)**

**AC202D**
- Mobile design automatically follows user for hands-free operation
- Manual option allows user to fix unit in place for positioning or restraint
- Detachable design allows for attachment or removal anywhere along lifeline
- For use on 5/8 in. (16 mm) nylon rope lifeline

**Rope Grab (Auto)**

**5000003**
- Mobile design automatically follows user for hands-free operation
- Detachable design allows for attachment or removal anywhere along lifeline
- For use on 5/8 in. (16 mm) polyester/polypropylene rope lifeline
- Lightweight and compact design

**Rope Grab/Lanyard (Manual)**

**1340005**
- Manual design allows user to fix unit in place for positioning or restraint
- Attached 2 ft. (0.6 m) shock-absorbing lanyard
- For use on 5/8 in. (16 mm) polyester/polypropylene rope lifeline
3M™ Protecta®
Lifelines

How to choose the right lifeline

1. **Nylon rope** provides resistance to UV, wear and shock, making it a great choice for long-term use even in harsh environments.

2. **Polypropylene/polyester blended rope** is light, less absorbent, chemical resistant and economical.

**Lifeline – Nylon**

**AC215A**
50 ft. (15 m) nylon rope lifeline with attached snap hook.

- **AC210A1** 25 ft. (7.6 m), 5/8 in. (16 mm) nylon, carabiner at one end, taped at other
- **AC210A2** 25 ft. (7.6 m), 5/8 in. (16 mm) nylon, snap hooks at both ends
- **AC215A1** 50 ft. (15 m), 5/8 in. (16 mm) nylon, carabiner at one end, taped at other
- **AC215A2** 50 ft. (15 m), 5/8 in. (16 mm) nylon, snap hooks at both ends
- **AC225A1** 75 ft. (22 m), 5/8 in. (16 mm) nylon, carabiner at one end, taped at other
- **AC230A1** 100 ft. (30 m), 5/8 in. (16 mm) nylon, carabiner at one end, taped at other

**Lifeline – Polyester/Polypropylene**

**1299997**
50 ft. (15 m) polyester/polypropylene blended rope lifeline with attached snap hook.

- **1299996** 25 ft. (7.6 m), 5/8 in. (16 mm) blended polyester/polypropylene, snap hook at one end, taped at other
- **1299991** 30 ft. (9 m), 5/8 in. (16 mm) blended polyester/polypropylene, snap hook at one end, taped at other
- **1299992** 75 ft. (22 m), 5/8 in. (16 mm) blended polyester/polypropylene, snap hook at one end, taped at other
- **1299998** 100 ft. (30 m), 5/8 in. (16 mm) blended polyester/polypropylene, snap hook at one end, taped at other
Now you can get comfort, convenience, upgraded features and a sleek, modern look—all at an entry-level price.

Available in four redesigned styles with a variety of configurations, these harnesses are enhanced with upgraded features like softer and more robust hip padding, stiff belt webbing, a fixed back D-ring, ANSI Z359.11 compliance, auto-resetting lanyard keepers, and a built-in easy-link personal SRL adapter.* Finally, harnesses with the features you want at the price you need.

Style 1161205 Shown
1. Easy-link web adapter* enables fast and easy attachment of personal self-retracting lifelines and keeps the D-ring available for lanyards, overhead SRLs or rescue device.

2. Fixed back D-ring reduces the need for readjustment throughout the workday.

3. U-shaped neck with moisture wicking padding designed to help reduce chafing and sweat buildup.

4. Softer and more robust hip pad is 3.5x thicker for extra comfort.

5. Durable and sturdy belt for tool bag-carrying convenience.

6. Impact indicators make it easy to inspect the harness for damage due to impact loads.

7. ANSI Z359.11 compliant, auto-resetting lanyard keepers for fast and easy parking of snap hooks and carabiners.

8. Protected labels for long-term identification and inspection.

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

The new generation of
3M™ Protecta® Full-Body Harnesses

**Comfort Construction-Style**
(1161205)

Upgraded features:
- Modern New Look
- Fixed Back D-ring
- Comfort Back Pad with U-shaped Neck
- Softer and More Robust Hip Pad
- Durable and Sturdy Belt
- Auto-resetting Lanyard Keepers
- Impact Indicators
- Protected Labels

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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*1161206 is the 1161205 Medium/Large Harness with an Extra Large Belt
### Standard Construction-Style (1161309)

**Upgraded features:**
- Modern New Look
- Fixed Back D-ring
- Shoulder Pads
- Softer and More Robust Hip Pad
- Durable and Sturdy Belt
- Auto-resetting Lanyard Keepers
- Impact Indicators
- Protected Labels

#### Selection Guide

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### Hot Work Use (1191369)

**Features:**
- Heat Resistant and flame retardant Kevlar Fiber Webbing
- Impact Indicator
- Protective Label Pack

#### Selection Guide

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The new generation of 3M™ Protecta® Full-Body Harnesses

**Comfort Vest-Style**
*(1161418)*

**Upgraded features:**
- Modern New Look
- Fixed Back D-ring
- Comfort Back Pad with U-shaped Neck
- Auto-resetting Lanyard Keepers
- Impact Indicators
- Protected Labels

1161418 Shown

**Selection Guide**

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### 3M™ Protecta® Harness Accessories

**Equipment Bag AK048A**
- Compact harness/lanyard bag, 13 in. x 12 in. (33 cm x 30 cm).

**Equipment Bag AK066A**
- Large bag for harness and lanyard or 50 ft. (15 m) lifeline, 9-1/2 in. x 10 in. x 15-1/2 in. (24 cm x 25 cm x 40 cm).

**Body Belt**
- Tongue buckle belt with hip pad and side D-rings.
  - 1091013 Small
  - 1091014 Medium/Large
  - 1091015 XLarge

**D-Ring Extender 1385000**
- Dorsal D-ring extender with D-ring at one end, snap hook at other x 18 in. (45 cm).

### Standard Vest-Style

*(1161542)*

**Upgraded features:**
- Modern New Look
- Fixed Back D-ring
- Auto-resetting Lanyard Keepers
- Impact Indicators
- Protected Labels

### Full-Body Harnesses
The new generation of 3M™ Protecta® Full-Body Harnesses

Reduced worker fatigue and increased productivity is within reach. The improved fit, lightweight hardware and padding and updated colors make 3M™ Protecta® Full-Body Harnesses an excellent choice for comfort, style and safety on the job. Plus, each harness features built-in lanyard keepers and a worker capacity of up to 420 lbs. (190 kg). These harnesses meet OSHA and ANSI standards, including the stringent ANSI Z359.11.
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.
The connection between convenience and confidence.

Enhance convenience. Maintain confidence. 3M™ Protecta® Self-Retracting Lifelines (SRL) are an economical fall protection solution that allow you to do both. From six feet, all the way up to 100 feet long, Protecta SRLs help maximize the productivity of your crew on a variety of jobsites.
Protecta® Rebel™
Leading Edge Self-Retracting Lifelines

Lightweight, Durable and Affordable
The leading edge cable unit leverages our impressive Rebel technologies to continue to set the standard for performance and value.

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<th>Part #</th>
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<th>3590543</th>
<th>3590546</th>
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<td>33 ft.</td>
<td>50 ft.</td>
<td>66 ft.</td>
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<tr>
<td>L x W x H</td>
<td>42&quot; x 10&quot; x 4.5&quot;</td>
<td>42&quot; x 11&quot; x 4.5&quot;</td>
<td>46&quot; x 13&quot; x 5.5&quot;</td>
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<td>19 lbs</td>
<td>25 lbs</td>
<td>26 lbs</td>
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<td>3590011</td>
<td>3590012</td>
<td>3590012</td>
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</table>

Carabiner Included
Unit is ready for connection to anchor point.

Top Swivel
Limits lifeline twisting.

Thermoplastic Housing
Thermoplastic is lightweight, compact and durable.

Ergonomic Carrying Handle
Built-in handle adds comfort and ease-of-use when connecting to an anchor point.

Wire Rope
7/32 in. (5.6 mm) galvanized 5,600 lb. (2,540 kg) min tensile strength.

Energy Absorber
Fully integrated into lifeline. Specifically designed for foot level tie-off.

Standards
310 lb. (141 kg) capacity and 1,350 lbs. (6kn) maximum arresting force.

All solutions adhere to ANSI Z359.14 leading and sharp edge requirements.
1. **Swiveling top anchor**
   Helps prevent lifeline twisting and reduces wear on web lifeline.

2. **Triple action carabiner**
   Simplifies connection to anchor point or harness.

3. **Impact resistant**
   Thermoplastic housing is lightweight, compact and durable.

4. **Heat-shrunk**
   Clear PVC coating over EVA foam label on shock pack improves durability.

5. **High strength webbing**
   Designed to accommodate users up to 310 lbs.

6. **Fully compliant**
   Self-locking snap hook meets ANSI Standards with a 3,600 lb. rated gate.

---

**Product selection guide**

<table>
<thead>
<tr>
<th>Single-leg</th>
<th>Twin-leg</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3100403</strong></td>
<td>6 ft. (1.8 m) twin-leg with 1 in. (2.5 cm) polyester web and steel snap hooks, quick connector for harness mounting.</td>
</tr>
<tr>
<td><strong>3100404</strong></td>
<td>6 ft. (1.8 m) twin-leg with 1 in. (2.5 cm) polyester web and steel swiveling snap hook, quick connector for harness mounting.</td>
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<td><strong>3100477</strong></td>
<td>6 ft. (1.8 m) twin-leg with 1 in. (2.5 cm) polyester web and aluminum rebar hook, quick connector for harness mounting.</td>
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**Example fall clearance requirements of our 6 ft. SRL vs. lanyard of similar length**

*S Always refer to instructions for fall clearance*
How to choose the right SRL

1. Anchor location
Not all SRLs are the same. SRLs designed for anchoring at foot-level are different than those meant for overhead anchorage.

2. Lifeline material
Galvanized and stainless steel increase durability and dependability, while web is lighter for personal use.

3. Length
Select a length that will allow maximum mobility while still arresting your fall at a safe distance.

4. Hook options
A variety of hook options help you to be flexible on the job when tying off to fall arrest rated anchor points.

Product selection guide

<table>
<thead>
<tr>
<th>Linel Material</th>
<th>Thermoplastic Housing</th>
<th>Aluminum Housing</th>
<th>Stackable</th>
<th>Impact Indicator</th>
<th>Swiveling Anchorage Snap Hook</th>
<th>Rebar Hook</th>
<th>Swiveling Hook</th>
<th>Leading Edge Snap Hook (sharp edge use)</th>
<th>Twin-Leg</th>
<th>30 lb. (140 kg) Weight Capacity</th>
<th>420 lb. (190 kg) Weight Capacity</th>
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<tr>
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<th>Varieties</th>
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<th>22 lb. (10 kg)</th>
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<td>3 in. (8 cm)</td>
<td>3 in. (8 cm)</td>
<td>4.6 in. (12 cm)</td>
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<td>4.6 in. (12 cm)</td>
<td>5.5 in. (14 cm)</td>
<td>5.5 in. (14 cm)</td>
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<tr>
<td>Approximate width</td>
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<td>6 in. (15 cm)</td>
<td>6 in. (15 cm)</td>
<td>9.8 in. (24.9 cm)</td>
<td>9.8 in. (24.9 cm)</td>
<td>11 in. (28 cm)</td>
<td>12.8 in. (33 cm)</td>
<td>12.8 in. (33 cm)</td>
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<tr>
<td>Approximate height*</td>
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<td>19 in. (48 cm)</td>
<td>29 in. (74 cm)</td>
<td>22.5 in. (57.1 cm)</td>
<td>22.5 in. (57.1 cm)</td>
<td>23.8 in. (61 cm)</td>
<td>25.7 in. (65 cm)</td>
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*Anchor point to anchor point

Standards: Meets OSHA 1926.502, OSHA 1910.140, ANSI Z359.14, ANSI Z359.12, ANSI A10.32, CSA Z259.2.2 Type II
3M™ Protecta®
Self-Retracting Lifelines

33 ft. (10 m) SRL
3590500
3/16 in. (5 mm) galvanized steel wire rope with swiveling snap hook, thermoplastic housing and anchorage carabiner.

11 ft. (3.3 m) SRL
3100427
1 in. (2.5 cm) polyester web with steel rebar hook, swiveling anchorage and carabiner.

20 ft. (6.1 m) SRL
3100432
1 in. (2.5 cm) polyester web with steel swiveling snap hook, swiveling anchorage and carabiner.

15 ft. (4.5 m) SRL
3590019
3/16 in. (5 mm) galvanized steel wire rope with steel swiveling snap hook, swiveling anchorage and carabiner.

11 ft. (3.3 m) SRL
3100425
1 in. (2.5 cm) polyester web with steel snap hook, swiveling anchorage and carabiner.

11 ft. (3.3 m) SRL
3100426
1 in. (2.5 cm) polyester web with steel swiveling snap hook, swiveling anchorage and carabiner.

33 ft. (10 m) SRL
3590500
3/16 in. (5 mm) galvanized steel wire rope with swiveling snap hook, thermoplastic housing and anchorage carabiner.

11 ft. (3.3 m) SRL
3100427
1 in. (2.5 cm) polyester web with steel rebar hook, swiveling anchorage and carabiner.

20 ft. (6.1 m) SRL
3100432
1 in. (2.5 cm) polyester web with steel swiveling snap hook, swiveling anchorage and carabiner.

15 ft. (4.5 m) SRL
3590019
3/16 in. (5 mm) galvanized steel wire rope with steel swiveling snap hook, swiveling anchorage and carabiner.

11 ft. (3.3 m) SRL
3100425
1 in. (2.5 cm) polyester web with steel snap hook, swiveling anchorage and carabiner.

11 ft. (3.3 m) SRL
3100426
1 in. (2.5 cm) polyester web with steel swiveling snap hook, swiveling anchorage and carabiner.

3M™ Protecta®
Self-Retracting Lifeline Covers

Self-Retracting Lifeline Cover (20-33 ft.)
3590010
Vinyl cover with hook and loop closure, for use with 20-33 ft. standard cable and 20 ft. leading-edge models.

Self-Retracting Lifeline Cover (50 ft.)
3590011
Vinyl cover with hook and loop closure, for use with 50 ft. standard cable and 33 ft. leading-edge models.

Self-Retracting Lifeline Cover (66-100 ft.)
3590012
Vinyl cover with hook and loop closure, for use with 66-100 ft. standard cable and 50-66 ft. leading edge models.
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 1910.140

If workers use personal fall protection or work in other high hazard situations, they must be trained and retrained in a manner they understand.

**KEY CHANGE:**

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

**KEY CHANGE:**

Outdoor advertising qualified climbers will need fall protection, and fixed ladders over 24 ft. will require a ladder safety system.

3,600 lbs.

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.

Learn more about this and other safety standard updates at EngineeredFallProtection.com.
Economical solutions for reliable fall protection.

Compliance and confidence, all at an economical price. 3M™ Protecta® Shock-Absorbing Lanyards are trusted by workers in a wide variety of industries. They feature 3,600 lb. gated hooks, durable lanyard material construction and plated alloy steel hardware for strength and corrosion resistance. All of our shock-absorbing lanyards meet or exceed rigorous OSHA and ANSI industry standards.
1 Reduced impact forces
Built-in energy absorber helps limit fall arresting forces to meet or exceed rigorous OSHA and ANSI industry standards.

2 High strength and capacity
5,000 lb. (22 kN) breaking strength for durability and 310 lb. (140 kg) capacity for worker flexibility.

3 3,600 lb. gated hooks
Every lanyard features 3,600 lb. (16kN) gated hooks.

4 Tough webbing
Polyester construction is strong enough to endure rough use and the elements.

5 Impact indicator
Simplifies inspection for prior fall events.

6 Durable hardware
Alloy steel construction with zinc plating for strength, durability and corrosion resistance.

Various styles and lengths
A variety of styles and lengths are available. Contact customer service for more.

Hook options

Standard hook with 3/4 in. (19 mm) gate opening
3,600 lb. (16 kN) gate strength.

Flat steel rebar hook with 2-1/4 in. (57 mm) gate opening
3,600 lb. (16 kN) gate strength.

Tie-back carabiner with 3/4 in. (19 mm) gate opening
5,000 lb. (22 kN) gate strength.

Model Shown 1340101

Distributed by Engineered Fall Protection | Sales@EngineeredFallProtection.com | (314) 492-4422 | www.EngineeredFallProtection.com
# Shock-Absorbing Lanyards

**3M™ Protecta®**

**Shock-Absorbing Lanyards**

For general use or bucket truck applications, these lanyards feature durable 1 in. (25 mm) polyester webbing, 1/2 in. (13 mm) nylon rope or 1/4 in. (6 mm) vinyl covered cable with 3,600 lb. (16 kN) gated hooks.

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1341001 Shown

**3M™ Protecta®**

**Lanyards for Hot Work Use**

For welding or metal cutting applications, these lanyards feature heat-resistant Kevlar® fiber webbing, a shock pack and 3,600 lb. (16 kN) gated hooks.

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1340128 Shown
3M™ Protecta®

**Tie-Back Shock-Absorbing Lanyards**

For applications with no anchor point, these lanyards feature specialized webbing and hardware that withstand the rigors of tie-back use and include 3,600 lb. (16 kN) gated hooks.

1340200 Shown

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<td>Tie-back carabiner</td>
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3M™ Protecta®

**Tubular Web Lanyards**

For bucket trucks, lifts, and other applications where a lighter lanyard may be advantageous, these lanyards feature polyester tubular web instead of a traditional shock pack and 3,600 lb. (16 kN) gated hooks.

1340220 Shown

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3M™ Protecta®

**Elastic Shock-Absorbing Lanyards**

These lanyards combine the pack-style energy absorber with stretch capabilities, expanding to 6 ft. (1.8 m) and contracting to 4-1/2 ft. (1.4 m). That means optimal mobility while otherwise staying out of the way. The 3,600 lb. (16 kN) gated hooks and an energy absorber design limit fall arresting forces.

1341101 Shown
### 3M™ Protecta® Stretch Shock-Absorbing Lanyards

For vertical climbing applications, these lanyards feature a polyester tubular web that expands to 6 ft. (1.8 m) and contracts to 4-1/2 ft. (1.4 m) in reaction to the worker’s movements. Their 3,600 lb. (16 kN) gated hooks and an energy-absorber design limit fall arresting forces.

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1340101 Shown

### 3M™ Protecta® Positioning Lanyards

For maintaining a working position in applications such as rebar walls, these lanyards feature 3,600 lb. (16 kN) gated hooks. These devices do not incorporate shock absorbers and can only be used without a fall arrest system if the fall possibility is 2 ft. (0.6 m) or less.

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1350150 Shown
3M™ Protecta®
Lanyard Accessories

**Shock Absorber**
1340260
Add in-line to a non-shock absorbing lanyard for fall arrest applications, including leading edges (non-sharp edges only). With D-ring at one end, snap hook at other x 18-1/2 in. (47 cm)

**D-Ring Extension**
1385000
Dorsal D-ring extender with D-ring at one end, snap hook at other x 18 in. (45 cm)
Fall protection and compliance, all in one convenient kit.

Anchorages. Body support. Connectors. We’ve pioneered the easiest way to get the ABC’s of fall protection in one container. The success of the original “can” spawned the creation of several variations with different anchorage devices. Each kit offers a complete setup for convenient OSHA compliance and enhanced safety on the job. See page 4 to learn more about the ABC’s of fall protection.
Fall Protection Kits

Harness

1  5-point harness with pass-through buckle legs (universal or XL)

Connector

2  Rope adjuster with lanyard and 50 ft. (15.24 m) lifeline

Anchorage Connectors

3  Reusable roof anchor

4  Concrete anchor plate

5  Cable anchorage extension

6  Web tie-off adapter

Check boxes:

- 2199803
  Includes 1 (universal), 2, 3

- 2199812
  Includes 1 (universal), 2, 4

- 2199807
  Includes 1 (universal), 2, 5

- 2199815
  Includes 1 (universal), 2, 6
### A. Anchorage Devices

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<td>Concrete Anchor Plate</td>
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<td>5900578</td>
<td>Web Tie-Off Adapter</td>
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<tr>
<td>2104000</td>
<td>Portable Reusable Roof Anchor</td>
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### B. Body Support

- **5-Point Harnesses**
  - 1191995 Pass-through buckle legs
  - AB17550 Tongue-buckle legs

### C. Connectors

- **6 ft. Shock-Absorbing Lanyards (see pages 18, 20)**
  - 1340250 Twin-Leg Lanyard
  - 1340220 Single-Leg Lanyard
  - 1340240 Twin-Leg Lanyard
  - 1341001 Single-Leg Lanyard

- **Self-Retracting Lifelines (SRLs) (see page 14)**
  - 3590500 33 ft. SRL
  - 3100425 11 ft. SRL

- **Rope Adjuster with Lanyard and Lifeline (see pages 26-27)**
  - 1340005 Shock-Absorbing Lanyard
  - 1204001 Rope Lifeline
### 3M™ Protecta® Fall Protection Kits

For residential roofing and similar applications.

<table>
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### 3M™ Protecta® Fall Protection Kits – Light

For aerial lifts and similar applications.

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Portability and ease of use. These are two critical factors for worker safety in confined spaces and rescue situations. That’s why 3M™ Protecta® Tripods are built from lightweight aluminum. They’re easily transported from one location to another and can be set up by one worker. Attach your fall protection equipment and you’re ready to go. Built to comply with OSHA regulations.
3M™ Protecta®
Confined Space and Rescue

1 Leg locks
Built into head to ensure legs stay locked in place.

2 Aluminum construction
Lightweight yet durable construction for ease of use and longevity.

3 Built-in anchor points
Four eyebolts offer secondary anchor points for a fall arrest system.

4 Pulley (Optional)
Routes winch/SRL lifeline over opening for smooth operation.

5 Mechanical devices (Optional)
Supports winches or SRLs for enhanced versatility. Not required if using AK205 Winches.

6 Adjustable locking legs
Fast and easy detent pin-style adjustment allows for precise height setting.

7 Telescoping legs
Provide fast and easy adjustment.

8 Foot pads
Skid-resistant treadplate soles on feet.

9 Safety chain
Strengthens support for demanding confined space applications.
**3M™ Protecta®**
Confined Space Components

### Confined Space Tripod
**AK105A**
- 8 ft. (2.4 m) height
- 5,000 lb. (22 kN) 1-man rated
- Fast and simple installation
- Anodized epoxy coated aluminum

### Bracket Set
**3590498**
3M™ Protecta® 3-Way SRL Bracket, SRL Side Bracket (3590497), Tripod Side Bracket (8008005)

### Pulley with Carabiner
**AK020A1**
- Routes winch/SRL lifeline
- Anodized aluminum construction
- Pivoting sheave pulley guide
- Includes carabiner

### Confined Space Winch
**AK205AG**
- 50 ft. (15 m) galvanized cable
- 310 lb. (140 kg) man rated capacity
- Fast and simple installation
- 4:1 ratio at 20 fpm
- Includes tripod mounting bracket

### 3-Way Self-Retracting Lifeline
**3591000**
- 50 ft. (15 m) galvanized cable
- 310 lb. (140 kg) man rated capacity
- Fast and simple installation
- Fall arrest device with built-in emergency retrieval winch
- Models available with mounting brackets (or separately)

### Additional Lifelines

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*Requires an 8008005 - Tripod Bracket
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#### Confined Space Systems

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Model Shown
8308005

Model Shown
AA805AG2
3M Health & Safety eLearning

Training anywhere, anytime.

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.

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
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 enable you 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 as well as 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.
Fall protection for tools

Protection from the effects of 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 safe 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.

Interested in learning more? Check out EngineeredFallProtection.com