3M Fall Protection

Product Catalogue.

www.3M.com/FallProtection
About us. Joining forces.

In August 2015, 3M™ and Capital Safety - two industry leaders in personal protective equipment and fall protection - joined forces to bring together an outstanding history of innovation and excellence in worker safety.

Our first-to-market innovations and high-performance solutions have earned us a reputation as the experts in fall protection and rescue. Today, as 3M Fall Protection, part of the 3M Personal Safety Divisions, we’re better equipped than ever to continue investing in technology and products that enhance worker safety, productivity and comfort through our brands DBI-SALA® and Protecta®.

Together, we’re elevating safety and comfort to new heights. The sky’s the limit!

3M™ DBI-SALA®: Safety without compromise for workers at height.

DBI-SALA® embodies a commitment to excellence and innovation with its extensive range of fall protection solutions, designed to keep you working at height; safely, efficiently, comfortably. The ultimate in fall protection for any work environment.

3M™ Protecta®: Trusted, quality fall protection.

With over 50 years experience, Protecta® provides the complete line of fall protection products you can rely on, at exceptional value.
A typical Personal Fall Arrest System (PFAS) incorporates key components often described as the ABCs of fall protection.

The (A) anchorage/anchorage connector, (B) body support and (C) 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 programme: (D) descent and rescue, (E) education and (F) fall protection for tools.

Anchorages
Anchorages are a secure point of attachment. Anchorage connectors vary by industry, job, type of installation and structure. They must be able to hold fast under the load of a fall, working in suspension or a rescue.

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 protection system.

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

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

Education
We offer a variety of best-in-class certified training courses for work at height and confined spaces at our state-of-the-art training centres located around the world. We can also bring training to your workforce with our specialised demonstration vehicle providing an excellent introduction to fall protection.

Fall protection for tools
Fall protection for tools helps make work environments safer and more productive by reducing dropped object incidents.
At 3M™ Fall Protection, we work hard to understand the challenges you face before we design your equipment. That’s how we go beyond compliance to produce a broad and innovative range of high quality fall protection equipment for the world’s most vital industries.

We’ve worked in your industry for decades.

At 3M™ Fall Protection, we work hard to understand the challenges you face before we design your equipment. That’s how we go beyond compliance to produce a broad and innovative range of high quality fall protection equipment for the world’s most vital industries.

**Wind energy**
To address safety needs in this growing industry, we created specialised 3M™ DBI-SALA® ExoFit NEX™ Wind Energy Harnesses and 3M™ DBI-SALA® EZ Stop™ Lanyards, as well as rescue and escape systems such as the 3M™ DBI-SALA® Rollgliss™ R550 Rescue and Descent Device.

**Transportation and shipping**
We developed dozens of specialised products, from DBI-SALA® Horizontal Systems for rail-car loading, to custom access 3M™ DBI-SALA® FlexiGuard™ Solutions for truck servicing. We’ve even designed a patented fall arrest-rated 3M™ DBI-SALA® Mob-Lok™ Self-Contained Vacuum Anchor System for aviation workers.

**Oil and gas**
We pioneered “retractable” lifeline technology in the 1940s, “sealed retractable” technology specifically for the oil and gas fields, and products tested to -40°C to meet the IP69K seal rating. In addition, we developed specialised equipment and training for a wide array of emergency escape devices.

**Utilities and telecoms**
We proactively innovate equipment specifically for these industries, such as our 3M™ DBI-SALA® Lad-Saf™ and 3M™ ProtecTec® Cabloc™ permanent vertical lifeline systems. Our welding and hot works products feature Kevlar®/Nomex® fibres for your safety and peace of mind. In addition we offer a number of innovative rescue and descent systems and kits, crucial to your rescue plan.

**Construction**
No two construction sites are the same. That complexity is why we work closely with contractors to help us fine-tune our design on key products such as the 3M™ DBI-SALA® Nano-Lok™ Edge Self-Retracting Lifeline—used at sites where sharp edges are hazardous and foot level tie-off is needed. We listened to steel erectors and created shoulder caps that protect the webbing on our latest harnesses. Our 3M™ DBI-SALA® EZ Line™ Horizontal Lifeline System is extremely user-friendly and features an innovative retractable design.

**Manufacturing and chemical**
Every day, thousands of manufacturing and facility workers around the world don their safety gear and head out to do their job. Whether you’re processing, milling, finishing, inspecting or doing routine maintenance, 3M™ Fall Protection has you covered. Our specialty Confined Space Equipment, 3M™ DBI-SALA® Nano-Lok™ Edge Self-Retracting Lifelines, 3M™ DBI-SALA® ExoFit™ STRATA™ Full-Body Harnesses and 3M™ DBI-SALA® ExoFit NEX™ Harnesses, 3M™ DBI-SALA® ShockWave™ Lanyards, 3M™ DBI-SALA® Lad-Saf™ Ladder Safety Systems are just a few of the many solutions we offer.

**Mining**
We developed specialised harnesses to address miners’ specific needs as well as 3M™ DBI-SALA® FlexiGuard™ Solutions to protect them while doing maintenance on oversized mining industry trucks. Additionally, our industry-leading mining anchors maximise versatility and ease-of-use for workers.

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On-Site Safety Awareness.

Did you know that 3M™ Fall Protection offer on-site safety awareness direct to your workforce?

We can bring one of our fully equipped Demo Vans to a location on a date to suit you; saving you precious time and resources.

Our hands-on fall protection demonstrations present a whole range of products required for working at heights.

Demonstration topics include:
- Drop Tests - to show the forces workers are subjected to during a fall from height.
- Equipment inspections.
- Rescue - practical demonstrations in a range of worker environments.
- Confined space - practical demonstrations of correct use of tripods and different applications of the winch.
- Understanding lifelines.
- Basic working at height guidelines.

NEW! Our demovans are now equipped with the latest Virtual Reality technology, so you can experience a fall from height scenario. A great tool to educate in a safe and controlled environment.

Workers’ lives are on the line every day, but ensuring their safety starts long before the job begins. No one understands this better than 3M™ Fall Protection. Our training is based on more than 70 years of expertise and jobsite implementation around the globe.

When it comes to protecting your work site, we deliver. We offer superior courses in world-class training facilities, based on standard curriculum’s or custom programs specific to your jobsite.

Our training services include:
- Regional facilities to avoid extensive delegate travel or ability to facilitate courses at your own sites.
- Ability to build bespoke course programme’s to ensure that training meets your specific company requirements.
- Access to and use of the widest range of fall protection equipment to ensure delegates receive a broad training experience.

Our comprehensive training provides practical, hands-on experience across a full range of fall protection training, fall arrest training and industrial rescue courses at our state-of-the-art training centres located across Europe, as well as on-site training customised to your needs.

Visit www.capitalsafety-training.com for more information.
Certification.

The European Commission has published a certain number of standards intended to control the design and use of rescue and personal protection equipment against falls from height. These standards must be adhered to, and are applicable in all the member states.

EN363-1 Guided type fall arresters including a rigid anchor line
EN363-2 Guided type fall arresters including a flexible anchor line
EN354 Lanyards
EN355 Energy absorbers
EN358 Belts and restraint lanyards for work positioning
EN360 Retractable type fall arresters
EN361 Full body harness
EN362 Connectors
EN363 Personal fall protection systems
EN364 Test methods
EN365 General requirements for instructions for use, maintenance, periodic examination, repair, marking & packaging
EN397 Industrial safety helmets
EN795 Anchor devices
EN813 Sit harnesses
EN1467 Rescue harnesses
EN 341 Descender devices
EN 1496 Rescue lashing devices

Prime Ship.

We carry nearly 1000 of the fastest moving items in our European warehouses. Most items within this catalogue are in stock and ready to ship the same day for orders placed before 14:00 CET. Your customer service agent will be able to advise on inventory and any items not available for same day shipping.

Sizing chart.

3M™ Fall Protection offer a customisation service for all of our standard Harnesses and Lanyards on bulk orders. For more information on this service please contact your local sales representative.

Harness icons.

- Chest
- Leg
- Shoulders
- Waist
- 180° Positioning Belt
- Adjustable Chest
- Adjustable Leg
- Adjustable Shoulder
- Adjustable Waist
- Adjustable Waist with Back Pad
- Dorsal D-Ring
- Sternal D-Ring
- Work Positioning
- Pectoral D-Ring
- Rescue Attachment Point
- Suspension Attachment Point
- Fall Indicator
- Carrying Rocket
- Rigid Hip Padding Loops
- Rigid Shoulder Caps
- Front Loops
- 3M™ DBI-SALA® Duo-Lok™ Quick Connect Buckle
- Quick Connect Buckle
- 3M™ DBI-SALA® Tri-Lock Quick-Connect Buckles
- Tongue & Grommet Buckle
- 3M™ DBI-SALA® Tri-Lock Revolver™ Connectors
- Comfort Padding
- 3M™ DBI-SALA® TechLife™

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Just how important is choosing the right harness?

When you’re 25 metres off the ground, your harness is more than just your safety connection - it’s everything. Your comfort, confidence, productivity and versatility on the job are all directly connected to the quality of its design and craftsmanship.

That’s why every 3M™ DBI-SALA® Harness - like 3M™ DBI-SALA® ExoFit™ and 3M™ DBI-SALA® Delta™ - is designed to enhance the quality of your work from every angle. Spring-loaded, stand-up back D-rings that are easier to use. No-Tangle Pads and 3M™ DBI-SALA® Revolver™ Torso Adjusters that optimize fit and mobility. The 3M™ DBI-SALA® LiFtech™ Load Distribution System that made 3M™ DBI-SALA® ExoFit™ STRATA™ Harness the most comfortable, lightest-wearing safety harness we’ve ever created.

Whether you work in one industry or many, the majority of our harnesses can be used on a wide variety of jobs. We also manufacture harnesses for specific uses within Construction, Oil and Gas, Transportation, Utilities/Telecommunications and Municipalities and Wind Energy.

The following pages contain both general and specific use harnesses. All harnesses meet CE standards.

Choosing the right harness.

Look for quality in these features when selecting your harness.

1. Dorsal connection
   The main fall arrest point is located on the back, positioned between the shoulder blades. Most harness would always include a dorsal attachment point.

2. Webbing
   Essential for the durability and safety of the harness, webbing has to be strong enough to endure rough use and exposure to the elements without tearing or fraying. Specialty applications such as welding can benefit from special materials like Nomex®/Kevlar® that offers high temperature resistance.

3. Adjusting points
   Whether you wear a harness 4 hours a day or 14, it needs to fit correctly for safety and comfort. Harnesses with adjusting points on the legs, waist (belt models), chest and torso allow a better fit.

4. Leg straps
   Depending on worker preference, leg strap fasteners may be available in different styles, including:
   - Pass Through Buckle
   - Quick Connect Buckle
   - Tongue & Grommet Buckle

5. Pelvic support
   A sub-pelvic strap provides additional support, security and comfort for the user. Properly positioned, it better distributes forces during a fall.

6. Book style labels
   Book style labels put product and inspection information at the workers’ fingertips. Pages may include sizing, operating instructions, inspection log, warning labels and compliance information. These labels promote quick inspection, compliance and safety.

7. Stitching
   Quality, high strength thread and specifically designed stitch patterns provide maximum strength and durability. Its sewn-in quality you can trust.

8. Padding
   Cushioned shoulder, leg and hip pads keep the pressure off, providing extra worker comfort for long hours of wear. In a fall, they allow shock and help distribute your weight. They may be built-in to avoid slipping or may be removable.

9. Suspension relief straps
   Built in, or retrofit, they are quickly deployed by the user in the event of a fall. They provide a web loop allowing the user to stand and relieve some pressure from the legs.

10. Impact indicators
    Impact indicators provide immediate notice that the worker and harness have been in a fall. This feature promotes safety and proper inspection.

11. Lanyard keepers
    A lanyard keeper provides a place to park your lanyard when not in use. It prevents tripping and entanglement for enhanced safety and will breakaway, saving the user from potentially high impact forces, due to ‘short circuiting’ of the absorber.

12. Breathable linings
    The 3M™ DBI-SALA® ExoFit™ Harness Series of harnesses feature breathable linings that wick moisture away from your body. So you stay dry and comfortable in heat or cold.

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Types of harnesses.

3M™ Fall Protection harnesses are available in different types, with various features, depending on their intended use.

- **Multi-purpose harness**
  - This type typically includes multiple attachment points for fall arrest, (front and back) which allow work in a variety of situations.

- **Suspension harness**
  - Typically have low frontal attachment points for use with descent control devices and rope access equipment.

- **Confined entry/retrieval harness**
  - Either attachment point located on each shoulder can be used with a specific lanyard or lifting strap for upright retrieval from confined spaces.

- **Work positioning harness**
  - Includes work positioning D-rings on the hips and integral waist pads for additional back lumbar support. For use with pole straps or work positioning lanyards allowing hands-free operation.

- **Multifunction harness**
  - This type typically includes multiple attachment points for fall arrest, (front and back) which allow work in a variety of situations.

Fall protection harness fitting instructions.

**Before starting.**

Remove all items from your pockets, as during work, or most importantly in the event of a fall, objects in pockets can become trapped between the harness webbing and the wearers body, potentially causing injury. Always refer to instruction for use supplied with the specific harness concerning correct fitting and adjusting.

**Step 1. Getting started.**

Hold harness by back D-Ring, which is often held in place by a D-Ring pad, make certain straps are not twisted.

**Step 2. Shoulder straps.**

Slip harness over arms and onto shoulders. Make certain all straps are not tangled and hang freely.

**Step 3. Leg straps.**

Reach between your legs and grasp the leg strap on your left side. Bring the strap up between your legs and connect it with the buckle on the left side. Connect the right leg strap using the same procedure.

**Step 4. Chest straps.**

Attach the chest strap buckle to the corresponding opposite side buckle.

**Step 5. Waist Belt (if present).**

Attach the Waist strap buckle to the corresponding opposite side buckle.

**Step 6. Adjust harness to a snug fit.**

Adjust shoulder straps to a snug fit with the Vertical Torso Adjusters. The left and right sides of shoulder straps should be adjusted to the same length and the chest strap should be centred on your lower chest, approx. 15 cm down from shoulder. The front D-Ring on the vest style harness is moved up or down by adjusting the shoulder straps and leg straps. Centre the back D-Ring between your shoulder blades.

Note: On applicable models, the back (dorsal) D-Ring can be repositioned up or down on the harness webbing as needed for a correct fit. Re-adjust leg straps to a snug fit. At least 8 cm of webbing must extend past the buckle on the leg straps. Adjust the waist belt (if present).

You’re ready to go!

A properly donned and adjusted full body harness will effectively distribute impact forces throughout your body and provide appropriate support during suspension and rescue following a fall.

Visit www.3m.com/fallprotection for more information on how to adjust your harness and what types of buckles are available.
3M™ DBI-SALA® ExoFit™ STRATA™ Harness

The revolutionary 3M™ DBI-SALA® LIFTech™ Load Distribution System™ features an adjustable “spine” that lifts the weight off your shoulders and transfers it to the base of your torso.

Tests resulted in a reduction of forces on shoulders up to 85% compared to leading competitor harnesses.

That means more comfort and productivity with less fatigue all day long.

*On selected models.

Applications

- Industrial
- Construction
- Maintenance
- Fire Protection
- Law Enforcement
- Law Enforcement

3M™ DBI-SALA® Polarmesh™ Padding keeps your back cool

Allows greater airflow to your back, providing superior breathability to keep you cool.

3M™ DBI-SALA® Revolver™ Vertical Torso Adjuster unleashes your mobility

Easily stores excess webbing, locking it in place and out of your way while maintaining the ideal fit.

3M™ DBI-SALA® Tri-Lock Revolver™ Connectors locks down loose ends

Stores additional excess webbing and provides an extra layer of security around your legs.

3M™ DBI-SALA® Tech-lite™ Aluminium Side, Dorsal & Shoulder* D-Rings secures your safety

Maximise reliability without adding extra weight.

*Applicable on the Rescue Style only.

3M™ DBI-SALA® EZ-Link™ SRL Adapter connects you quickly

Simplifies connecting and disconnecting your personal self-retracting line.

3M™ DBI-SALA® LIFTech™ Load Distribution System frees your shoulders

Redistributes the weight from pressure points on your shoulders and spreads it out to the base of your hips.

*On selected models.

Weight Capacity

140 kg.
The ExoFit NEX harness gives workers the freedom and confidence to function to their maximum. Innovative safety devices and design features allow workers to work smart, fast and safe increasing productivity. Designed using soft yet extremely durable anti-absorbent, abrasion resistant webbing of lasting strength, harnesses can withstand the most severe demands, day in, day out. They are built to perform to the highest standards in the harshest environments.

**Weight Capacity**
140 kg.

**Applications**

- Built-in Impact Indicators
- Rip-stitch indicators allow you to inspect the harness at a glance, for prior damaging impact loads.

**3M™ DBI-SALA® Revolver™ Vertical Torso Adjusters**
Simple and fast adjustments that eliminate loose ends and lock into place, preventing slippage.

**3M™ DBI-SALA® Duo-Lok™ Quick Connect Buckles**
Lightweight one-handed use with memory-fit web-lock ensures fast, non-slipping connections.

**3M™ DBI-SALA® Repel™ Technology Webbing**
Water repellant to reduce attraction of mould and dirt - also has up to 5 times more abrasion resistance.

**Integrated Suspension Relief Straps**
Provide an adjustable, continuous loop for post fall, offering suspension relief.

**Moulded Lanyard Keepers**
Easy holstered snap hooks breakaway to avoid trip hazard.

**Covered Labels**
A Velcro® cover protects harness labels.

**Stand Up Dorsal D-ring**
Patented spring-loaded design automatically stands-up, ensuring fast, easy and safe connections to your fall arrest system.
### ExoFit NEX Harness with Belt

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### ExoFit NEX Wind Energy Harness with Belt

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### ExoFit NEX Oil & Gas Harness

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### ExoFit NEX Utilities Harness

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*Seat sling not included. Please see page 25 for seat sling.*
**3M™ DBI-SALA® ExoFit NEX™ Suspension Harness**

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**ExoFit NEX Suspension Harness with Chest Ascender**

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**3M™ DBI-SALA® ExoFit™ Derrick Harness Monkey Board Belt**

Use with harness KB11111621, KB11111622, and KB11111623 (See page 23).

**Back Pack**

Blue and grey.

**3M™ DBI-SALA® Webbing Pole Strap**

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**Suspension Trauma Safety Straps**

Suspension relief safety straps for full body harness.

**ExoFit Aluminium Seat Sling**

Use with harness KB11111621, KB11111622, and KB11111623 (See page 23).
The newest Delta Comfort full-body harness offers innovative features such as an improved ergonomic fit and feel, lighter-weight buckles and high-strength webbing. Employing a patented No-Tangle triangle pattern creates a frame that allows the harness to easily fall into place when donned. The new Delta Comfort harness features liquid-resistant 3M™ DBI-SALA® Delta™ Repel™ Technology Webbing and 3M™ DBI-SALA® Revolver™ Torso Adjusters, which allow for quick adjustment and eradicates loose strap ends.

**Applications**

- Repel™ Technology Webbing
  - Water repellent to reduce attraction of mould and dirt - also has up to 5 times more resistance to abrasion.

- Gear Loops and Connectors
  - Range of connection and storage points for tools and pouches.

- Comfort Padding
  - To the underside of the shoulder straps, hips and legs.

- Revolver™ Torso Adjusters
  - These innovative adjusters have patent pending. Simple and fast adjustment that eliminates loose ends and locks into place preventing slippage.

- Tech-Lite™ Quick Connect Buckles
  - Lightweight aluminium alloy buckles for fast and easy connections. Other connections available (Pass Through models also available).

- Stand Up Dorsal D-ring
  - Stands-up dorsal D-ring, ensures fast, easy and safe connections to your fall arrest system.

- Rigid Belt
  - Allows for 27 kg of tools without collapsing.

- Protected Labels
  - A Velcro® cover protects harness labels.

**Weight Capacity**

- 140 kg.
### 3M™ DBI-SALA® Delta™ Comfort Harness

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### Delta Comfort Harness with Quick Connect Buckles

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### 3M™ DBI-SALA® Delta™ Comfort Harness with Belt & Quick Connect Buckles

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### Delta Comfort Rescue Harness with Belt

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</tr>
<tr>
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</tbody>
</table>

### 3M™ DBI-SALA® Work Positioning Spreader Bar Lanyard

- **KF71201466**
  - 45 mm
  - 19 mm
  - 1.30

Confined space lanyard for use with rescue harness incorporating shoulder D-rings. Use for vertical lifts in confined space or rescue situations. Built in spreader bar keeps shoulder straps from being pulled in during use.
3M™ DBI-SALA®
Delta™ Harness

Innovative body support for more than two decades. Toughness. Versatility. These are qualities expected of you, so you should expect nothing less from your safety harness. Delta harnesses combine a number of innovations with popular features that have made an industry workhorse that’s as tough as those who wear them. Delta harnesses have a shape of their own, so you can down them quickly and easily.

Applications

3M™ DBI-SALA® Delta™ Repel™ Technology Webbing
Water repellent to reduce attraction of mould and dirt - also has up to 5 times more abrasion resistance.

Lanyard Keepers
Avoids carrying lanyard by hand when no longer in use.

Revolver™ Vertical Torso Adjusters
Simple and fast adjustments that eliminate loose ends and lock into place, preventing slippage.

Covered Labels
A Velcro® cover protects harness labels.

Built-in Impact Indicators
Rip-stitch indicators allow you to inspect the harness at a glance, for prior damaging impact loads.

Stand Up Dorsal D-ring
Patented spring-loaded design automatically stands-up, ensuring fast, easy and safe connections to your fall arrest system.

3M™ DBI-SALA® No-Tangle™设计
Defining the Delta name, the patented triangular design creates a frame that allows the harness to fall into place when donned.

3M™ DBI-SALA® Surefit™ No-Tangle Design
Ensures correct fitting of the harness in the event of a fall while still providing additional comfort for everyday use.

Weight Capacity
140 kg.
Delta Harness with Quick Connect Buckles

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<tr>
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Delta Harness with Belt

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Delta Harness with Belt & Quick Connect Buckles

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</thead>
<tbody>
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</tr>
<tr>
<td>1112926</td>
<td>XL</td>
<td>2.70</td>
</tr>
</tbody>
</table>
3M™ DBI-SALA® Delta™ Nomex® Kevlar® Webbing Harness

The 3M™ DBI-SALA® Delta™ Harness high temperature is constructed from webbing with a Nomex outer and a Kevlar core. The webbing has a 425°C char temperature resistance level. This innovative webbing is as flexible and soft to the touch as any traditional webbing. The harness also incorporates the 3M™ DBI-SALA® Delta™ No-Tangle™ triangular frame that allows the harness to easily fall into place when donned and increases comfort during use. Also incorporates covered labels.

Applications

For Hot Work Use

For 3M™ DBI-SALA® Nano-Lok™ Hot Work SRL’s see page 86

3M™ DBI-SALA® Suspension Trauma Safety Straps - Fire Resistant

Suspension trauma safety straps, one pair, fire resistant, attaches to most harnesses.
Choosing the right lanyard.

Lanyards are split into 3 distinct types, each with a specific purpose: shock absorbing lanyards (with absorber), restraint lanyards (no absorber), and work positioning lanyards.

**Shock Absorbing Lanyards**
These lanyards are for use in situations where a user is exposed to a potential risk of fall. Whether they are made of rope or of webbing, whether they are adjustable or not, shock absorbing lanyards incorporate a shock absorbing system to ensure forces are limited in a fall to under 6 kN.

**Restraint Lanyards**
A connecting lanyard must only be used for restraining purposes. In no case should the user be able to manoeuvre in an area where there is a risk of falling. The restraint system is precisely defined for each place where it will be used.

**Work Positioning Lanyards**
A work positioning lanyard when used in conjunction with a belt/harness with a belt allows the user to work in comfort, whilst keeping both hands free. Normally a work position system would be used in conjunction with a fall arrest system.
3M™ DBI-SALA® EZ-Stop™ Shock Absorbing Lanyard

New Shock Pack
Smaller & lighter. Rated to 130 kg max. user weight.

Revolutionary 3M™ DBI-SALA® New
HI-10™ Energy Absorbing Technology
5 x stronger than steel, extremely compact and durable.

Identification Labels
Easy access, fully protected.

Nylon Reflecter Strips
Better visibility in low light conditions.

Body Connector
Aluminium Twist Lock or Triple Lock options for greater security.

Applications
• Higher visible for greater security.
• Aluminium Twist Lock or Triple Lock Body Connector
• Better visibility in low light conditions.
• Nylon Reflector Strips
• Easy to access, fully protected.
• Identification Labels
• 5 x stronger than steel, extremely compact and durable.

Daily, thousands of people working at height are exposed to falls over or around edges. Those working on electrical pylons, steel fabrications, scaffolding, flat roof structures or telecoms towers today may be using shock absorbing lanyards that are not durable enough to withstand a fall across such a structure. DBI-SALA’s answer to this is our new range of lanyards, designed to offer greater security to users exposed to falls over or around edges and tested rigorously over a 0.5 mm radius edge. All edge tested products in the DBI-SALA range are differentiated from DBI-SALA standard shock absorbing lanyards and bear the Edge tested logo.

• The fall arrest solution for all users working at height exposed to falls around or over edges.
• 12 mm diameter rope offers extreme durability whilst maintaining flexible handling for ease of use. Orange accenting indicates suitability for edge applications.

EZ-Stop Edge Tested Lanyard

3M™ DBI-SALA® EZ-Stop™
Wrapbax™ 2 Lanyard

• Highly durable lanyard for users predominantly working in tie back applications.
• Heavy duty, 57 kN tensile strength abrasion resistant webbing for long lanyard life.

3M™ DBI-SALA® EZ-Stop™
Wrapbax™ 2 Lanyard

Leg Material
5 mm thick nylon web, 57 kN tensile strength

Body Connector
Aluminium Twist Lock, 20 mm opening

Anchor Connectors
Steel Wrapbax 2 Tie Back hook, 21 mm opening size, 22 kN breaking strength

New Shock Pack
Smaller & lighter. Rated to 130 kg max. user weight.

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Wrapbax™ 2 Lanyard

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Body Connector
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Anchor Connectors
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EZ-Stop Edge Tested Lanyard

3M™ DBI-SALA® EZ-Stop™
Wrapbax™ 2 Lanyard

• Highly durable lanyard for users predominantly working in tie back applications.
• Heavy duty, 57 kN tensile strength abrasion resistant webbing for long lanyard life.
The new EZ-Stop Scaffold Hook Tie-Back lanyard brings together the innovative features and performance of our premium EZ-Stop lanyard range with improved functionality for users climbing towers and structures. Where anchor options are limited, the new Scaffold Hook can accommodate materials up to 60 mm diameter but also be used with the tie back ring to form an anchor point by tying back the lanyard around suitable part of the structure being climbed.

- Adjustable tie-back connection design can be used to create an anchor point from an existing structure.
- Also suitable for connecting directly to an anchor up to 60 mm in diameter.
- Leg material - 35 mm polyester webbing.

Restraint Lanyard

The new EZ-Stop Scaffold Hook Tie-Back Lanyard brings together the innovative features and performance of our premium EZ-Stop lanyard range with improved functionality for users climbing towers and structures. Where anchor options are limited, the new Scaffold Hook can accommodate materials up to 60 mm diameter but also be used with the tie back ring to form an anchor point by tying back the lanyard around suitable part of the structure being climbed.

- Adjustable tie-back connection design can be used to create an anchor point from an existing structure.
- Also suitable for connecting directly to an anchor up to 60 mm in diameter.
- Leg material - 35 mm polyester webbing.

3M™ DBI-SALA® EZ-Stop™ Scaffold Hook Tie-Back Lanyard

**Table:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Length</th>
<th>Width</th>
<th>Anchor Gate</th>
<th>User Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>KL1P9/3</td>
<td>0.9 m</td>
<td>12 mm</td>
<td>28 kN</td>
<td>130 kg</td>
</tr>
<tr>
<td>KL1P9/4</td>
<td>1.2 m</td>
<td>12 mm</td>
<td>23 kN</td>
<td>130 kg</td>
</tr>
<tr>
<td>KL1P9/6</td>
<td>1.5 cm</td>
<td>12 mm</td>
<td>16 kN</td>
<td>130 kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Length</th>
<th>Width</th>
<th>Anchor Gate</th>
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<td>KL1P9/6</td>
<td>1.5 cm</td>
<td>12 mm</td>
<td>16 kN</td>
<td>130 kg</td>
</tr>
</tbody>
</table>

**Notes:**

- Constructed from 3 strand twisted 12 mm polyamide rope.
3M™ DBI-SALA® Work Positioning Rope Trigger Lanyard

Braided rope, diameter 11 mm. All models, except 1200312, have a blue protective cover on the rope. 1200312 has a protective cover on the trigger.

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
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<tr>
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<tr>
<td>1200312</td>
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<td>21 mm</td>
</tr>
</tbody>
</table>

3M™ Protecta® Manucroche Anchor Clamp

An anchor clamp in stainless steel wire, the Manucroche is the ideal connector for anchoring a fall arrest system to a steel structure. The double locking automatic closure system guarantees a connection that will withstand any challenge.

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Force (kN)</th>
<th>Factor</th>
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</thead>
<tbody>
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<td>AJ302</td>
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</table>

Twist Lock Self-Locking Carabiner

The automatic gate closing and locking makes it an ideal choice when the user will open and close the connector many times during the work period. Quick and easy to open with one hand. Triple lock provides the user with confidence that the gate will not accidentally unlock.

<table>
<thead>
<tr>
<th>Model</th>
<th>Diameter</th>
<th>Force (kN)</th>
<th>Factor</th>
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<tbody>
<tr>
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<td>25</td>
<td>0.18</td>
</tr>
<tr>
<td>KJ5024</td>
<td>21 mm</td>
<td>25</td>
<td>0.48</td>
</tr>
<tr>
<td>KJ5106</td>
<td>33 mm</td>
<td>25</td>
<td>0.55</td>
</tr>
<tr>
<td>AJ593</td>
<td>50 mm</td>
<td>25</td>
<td>0.71</td>
</tr>
<tr>
<td>2000112</td>
<td>17 mm</td>
<td>22</td>
<td>0.23</td>
</tr>
<tr>
<td>2000113</td>
<td>30 mm</td>
<td>22</td>
<td>0.41</td>
</tr>
<tr>
<td>2000127</td>
<td>18 mm</td>
<td>22</td>
<td>0.32</td>
</tr>
</tbody>
</table>

Screw Gate Carabiners

The screw gate is ideal in working situations where opening is occasional during the working day, as the gate can be opened by the action of pushing it onto the anchorage point. The gate can then be manually locked once the carabiner holds the weight of the device.

<table>
<thead>
<tr>
<th>Model</th>
<th>Diameter</th>
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<td>22</td>
<td>0.32</td>
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</tbody>
</table>

Triple Twist Lock Self-Locking Carabiner

An anchor clamp in stainless steel wire, the Manucroche is the ideal connector for anchoring a fall arrest system to a steel structure. The double locking automatic closure system guarantees a connection that will withstand any challenge.

<table>
<thead>
<tr>
<th>Model</th>
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<th>Force (kN)</th>
<th>Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ514</td>
<td>18 mm</td>
<td>25</td>
<td>0.18</td>
</tr>
<tr>
<td>KJ5024</td>
<td>21 mm</td>
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<td>0.48</td>
</tr>
<tr>
<td>KJ5106</td>
<td>33 mm</td>
<td>25</td>
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</tr>
<tr>
<td>2000127</td>
<td>18 mm</td>
<td>22</td>
<td>0.32</td>
</tr>
</tbody>
</table>

Scaffold and Snap Hooks

This detachable scaffold hook can be attached to spliced or webbing lanyards, and other PPE products. Detachable with internal gate means it can be added to a range of products and stays there until it is decided to be removed.

<table>
<thead>
<tr>
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<tbody>
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</tr>
<tr>
<td>2000112</td>
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<td>22</td>
<td>0.23</td>
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</tr>
<tr>
<td>2000127</td>
<td>18 mm</td>
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<td>0.32</td>
</tr>
</tbody>
</table>
Fall Protection for Tools.

Protecting workers takes more than just keeping them from falling. Their equipment also needs to be kept safe at height. That’s why for over 10 years, we’ve been pioneering an innovative line of products and solutions to prevent dropped tools and equipment. 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.

Tested and adapted for all applications.

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 9001 certified manufacturing facilities, ensuring you get the highest quality, most reliable fall protection for tools.

Applications

3M Fall Protection | 0080099955500 | www.3M.com/FallProtection
### 3M™ DBI-SALA® D-rings

<table>
<thead>
<tr>
<th>Description</th>
<th>Weight</th>
<th>Pack</th>
<th>Non-conductive</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500003</td>
<td>0.9 kg (2 lbs)</td>
<td>10 Pack</td>
<td>No</td>
</tr>
<tr>
<td>1500005</td>
<td>0.9 kg (2 lbs)</td>
<td>10 Pack</td>
<td>Yes</td>
</tr>
<tr>
<td>1500007</td>
<td>2.3 kg (5 lbs)</td>
<td>10 Pack</td>
<td>No</td>
</tr>
<tr>
<td>1500001</td>
<td>0.9 kg (2 lbs)</td>
<td>10 Pack</td>
<td>No</td>
</tr>
</tbody>
</table>

- D-rings can be attached to virtually any tool under 2.3 kg (5 lbs) or 0.9 kg (2 lbs) using our Quick-Wrap Tape.
- Creates an attachment point in less than a minute.
- Dual D-rings allow for 100% tool tie-off during tool transfers.

### 3M™ DBI-SALA® Quick-Wrap Tape

<table>
<thead>
<tr>
<th>Description</th>
<th>Roll</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500045</td>
<td></td>
<td>274 cm (108&quot;)</td>
</tr>
<tr>
<td>1500036</td>
<td></td>
<td>274 cm (108&quot;)</td>
</tr>
<tr>
<td>1500038</td>
<td></td>
<td>548.6 cm (216&quot;)</td>
</tr>
</tbody>
</table>

- Heavy duty 2.54 cm (1") wide tape conforms to the shape of whatever it is applied to.
- Used with our D-rings and Tool Cinch Attachments to create instant tethering points on virtually any tool.
- Made from a self-fusing silicone rubber that leaves no adhesive or residue behind.
- Inner fibreglass webbing increases the strength of the tape and makes the tape resistant to sharp objects.
### 3M™ DBI-SALA® Tool Cinch Attachments

- **1500015**
  - V-Ring attachment point, 2 stabilisation wings
  - Weight: 15.9 kg (35 lbs)
  - Quantity: 1

- **1500016**
  - V-Ring attachment point, 2 stabilisation wings
  - Weight: 15.9 kg (35 lbs)
  - Quantity: 10

- **1500014**
  - V-Ring attachment point, stabilisation wing
  - Weight: 15.9 kg (35 lbs)
  - Quantity: 10

- **1500018**
  - V-Ring attachment point, 2 stabilisation wings
  - Weight: 36.3 kg (80 lbs)
  - Quantity: 10

- **Note:** Tools not included.

- **Tool Cinch Attachments feature a cinch design that allows users to quickly secure equipment up to 15.9 kg (35 lbs) or 36.3 kg (80 lbs).**
- **Stabilisation wings can be used to keep Tool Cinch Attachments in place using our Quick-Wrap Tape.**

### 3M™ DBI-SALA® Heat Shrink

- **1500019**
  - Heat Shrink 1.9 cm x 4.5 cm (0.75” x 1.75”)
  - Length: 25

- **1500020**
  - Heat Shrink 2.5 cm x 4.5 cm (1” x 1.75”)
  - Length: 25

- **1500021**
  - Heat Shrink 3.8 cm x 5.1 cm (1.5” x 2”)
  - Length: 25

- **1500022**
  - Heat Shrink 5.1 cm x 10.2 cm (2” x 4”)
  - Length: 10

- **1500023**
  - Heat Shrink 7.6 cm x 10.2 cm (3” x 4”)
  - Length: 10

- **Protection your investment and connection point! Heat Shrink protects our Quick-Wrap Tape from abrasives and harsh work environments.**
- **Heat Shrink links reduce in size by 200% when heat is applied.**

### D-ring Cord

- **1500019**
  - D-ring Cord
  - Weight: 2.3 kg (5 lbs)
  - Length: 10

- **Note:** Tools not included.

- **Easily cinches to tools weighing up to 2.3 kg (5 lbs).**
- **Simply pass the loop end of a D-ring Cord through a pre-drilled hole or closed handle to create an attachment point.**
- **Extremely durable and reusable.**
### 3M™ DBI-SALA® Quick Spins

**Description**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>D-ring</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500027</td>
<td>Small 1.5 cm (0.6&quot;)</td>
<td>0.5 kg</td>
<td>10</td>
</tr>
<tr>
<td>1500028</td>
<td>Medium 2 cm (0.8&quot;)</td>
<td>0.5 kg</td>
<td>10</td>
</tr>
<tr>
<td>1500029</td>
<td>Large 2.5 cm (1&quot;)</td>
<td>0.5 kg</td>
<td>10</td>
</tr>
<tr>
<td>1500030</td>
<td>X-Large 3.1 cm (1.2&quot;)</td>
<td>0.5 kg</td>
<td>10</td>
</tr>
<tr>
<td>1500031</td>
<td>Pen Holder 0.8 cm (0.3&quot;)</td>
<td>-</td>
<td>10</td>
</tr>
<tr>
<td>1500032</td>
<td>Pen Holder with Coil 0.8 cm (0.3&quot;)</td>
<td>-</td>
<td>10</td>
</tr>
<tr>
<td>1500033</td>
<td>Permanent Marker 1.3 cm (0.5&quot;)</td>
<td>-</td>
<td>10</td>
</tr>
<tr>
<td>1500034</td>
<td>Permanent Marker with Coil 1.3 cm (0.5&quot;)</td>
<td>-</td>
<td>10</td>
</tr>
</tbody>
</table>

- Simply slides onto the handle of a tool in seconds.
- Swivel spin top makes them tangle resistant.
- Reusable and suitable for non-conductive use.

### D-ring Cord Attachment Point

**Description**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>D-ring</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500010</td>
<td>D-ring cord attachment point</td>
<td>0.9 kg</td>
<td>10</td>
</tr>
<tr>
<td>1500069</td>
<td></td>
<td>0.7 kg</td>
<td>1</td>
</tr>
</tbody>
</table>

- Designed to allow for easy tethering of small devices such as cell phones, cameras and radios.
- Adheres to most surfaces creating an attachment point in seconds.
- Load rated for 0.9 kg (2 lbs) when used with 1500060.
- Uses 3M very high bond adhesive.

### Retractor

**Description**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>D-ring</th>
<th>Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500024</td>
<td>Quick Ring, Small 1.9 cm (0.75&quot;)</td>
<td>-</td>
<td>25</td>
</tr>
<tr>
<td>1500025</td>
<td>Quick Ring, Medium 2.5 cm (1&quot;)</td>
<td>-</td>
<td>25</td>
</tr>
<tr>
<td>1500026</td>
<td>Quick Ring, Large 3.8 cm (1.5&quot;)</td>
<td>-</td>
<td>25</td>
</tr>
</tbody>
</table>

- Quick Rings are an economical solution for tethering tools quickly.
- Allow many tools up to 0.9 kg (2 lbs) to be made tether-ready.
- Ring pliers can be used to simplify quick ring installation.

---

**Patented**

- Reusable and suitable for non-conductive use.
- Designed to allow for easy tethering of small devices such as cell phones, cameras and radios.
- Adheres to most surfaces creating an attachment point in seconds.
- Load rated for 0.9 kg (2 lbs) when used with 1500060.
- Uses 3M very high bond adhesive.
3M™ DBI-SALA® Hook2Loop Bungee Tether
• Simply slides onto the handle of a tool in seconds.
• Swivel spin top makes them tangle resistant.
• Reusable and suitable for non-conductive use.

3M™ DBI-SALA® Coil Tethers
Easy to clean and out of the way—exactly what a tether should be. The lightweight vinyl construction and ultra-compact design of our Coil Tethers makes them an ideal alternative to classic bungee tethers. Since we first introduced them to the marketplace, we’ve continued to refine and improve our line of coil lanyards with feedback from actual workers in the field.

Engineered to last.
Built to be more durable and longer-lasting than the competition, our bungee tethers are third-party load rated and thoughtfully designed to prevent dropped objects.

Self-Locking carabiner
The Hook2Loop Bungee Tether features a self-locking carabiner that prevents accidental opens and automatically closes.

Competitor non-locking carabiners
Non-locking carabiners can be disconnected with a simple twist, potentially resulting in an accidental drop.

Competitor barrel locks
Many competitive bungee-tether bottoms often utilise a barrel lock. These barrel locks can pose risks as they allow for improper tethering of tools.

Note: Tools not included.

52 53 3M Fall Protection | www.3M.com/FallProtection
3M™ DBI-SALA® Trigger2Trigger Lanyards

Top to bottom: 1500058, 1500056, 1500054

- Thumb-controlled trigger snaps on both sides of these lanyards are easy to operate, even while wearing gloves.
- Trigger snaps swivel, making them tangle-resistant.

3M™ DBI-SALA® Medium-Duty Hook2Loop Lanyard

<table>
<thead>
<tr>
<th>1500054</th>
<th>1500056</th>
<th>1500058</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>4.5 kg  (10 lbs)</td>
<td>4.5 kg (10 lbs)</td>
<td>4.5 kg (10 lbs)</td>
</tr>
<tr>
<td>30.48 cm (12&quot;)</td>
<td>60.96 cm (24&quot;)</td>
<td>91.44 cm (36&quot;)</td>
</tr>
</tbody>
</table>

- Features an aluminium double-action twist-lock carabiner to prevent accidental opens.
- Works well with medium-duty tool cinch.

3M™ DBI-SALA® Heavy-Duty Hook2Rail Lanyard

<table>
<thead>
<tr>
<th>1500052</th>
<th>1500051</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>36.6 kg (80 lbs)</td>
<td>36.6 kg (80 lbs)</td>
</tr>
<tr>
<td>182.9 cm (72&quot;)</td>
<td>182.9 cm (72&quot;)</td>
</tr>
</tbody>
</table>

- Features an aluminium double-action twist-lock carabiner to prevent accidental opens.
- Large double-action twist-lock rail carabiner.
- Works well with heavy-duty tool cinch.

3M™ DBI-SALA® Smart Holsters

Your tools, at the ready.

Safer. Easier. It’s not often that your job can be both, but Smart Holsters are engineered for exactly that. These next generation tool pouches feature intelligent productivity features that are designed to keep your tool right where you want it at all times.

Beacon high-visibility Reflectors

Products equipped with our high-visibility reflectors are always easy to identify and locate, even when left in dark spaces. The highly reflective material stitched into the front and back of the holster makes it easily detectable with a flashlight even in low-light conditions.

The faster, smarter way to holster

Our Quick-Mag Technology speeds up your workflow and reduces how often your tools need to be holstered. This powerful magnetic tool staging system allows tools to simply stick to the holster, ensuring the tool you need is always at the ready.

Bottom drain vent

You’re at your best when your tools are too. The integrated drain vent in our Smart Holsters protects your tools from rusting and your holster from dry rot. Even in rainy weather conditions, the drain vent helps keep the holster dry by allowing water to pass through at all times.

Note: Tools not included.
3M™ DBI-SALA® Single and Dual Tool Holsters

- Designed to be used with virtually any tape measure, or the optional tape measure sleeve, allowing tape measures to be safely tethered and holstered.
- Includes a Retractor.
- The tape measure sleeve conforms to the size of nearly every tape measure.
- Features Beacon™ High-Visibility Reflectors.
- A bottom drain vent allows the holster to perform even in wet conditions.

<table>
<thead>
<tr>
<th>Description</th>
<th>Retractors included</th>
<th>Attachment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500103 Single Tool Holster</td>
<td>None</td>
<td>Harness</td>
</tr>
<tr>
<td>1500104 Single Tool Holster with Retractor</td>
<td>1x</td>
<td>Harness</td>
</tr>
<tr>
<td>1500105 Single Tool Holster</td>
<td>None</td>
<td>Belt</td>
</tr>
<tr>
<td>1500102 Single Tool Holster with Retractor</td>
<td>1x</td>
<td>Belt</td>
</tr>
<tr>
<td>1500109 Extra-Deep Single Tool Holster</td>
<td>None</td>
<td>Belt</td>
</tr>
<tr>
<td>1500106 Dual Tool Holster</td>
<td>None</td>
<td>Harness</td>
</tr>
<tr>
<td>1500108 Dual Tool Holster with Retractors</td>
<td>2x</td>
<td>Harness</td>
</tr>
<tr>
<td>1500107 Dual Tool Holster with Retractors</td>
<td>2x</td>
<td>Belt</td>
</tr>
</tbody>
</table>

- Single and Dual Tool Holsters are equipped with D-rings that are load rated for 2.3 kg (5 lbs).
- Several variants of these holsters come with Retractors (indicated below). Retractors are load rated for 0.7 kg (1.5 lbs).
- Single and dual tool holsters feature Beacon High-Visibility Reflectors and the Quick-Mag Magnetic Tool Staging System.
- A bottom drain vent allows the holster to perform even in wet conditions.

3M™ DBI-SALA® Tape Measure Holsters

- Holster for tape measures and other small tools.
- Includes a retractor.

<table>
<thead>
<tr>
<th>Description</th>
<th>Attachment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500103 Tape Measure Holster</td>
<td>Harness</td>
</tr>
<tr>
<td>1500104 Tape Measure Holster with Retractor</td>
<td>Harness</td>
</tr>
<tr>
<td>1500108 Tape Measure Sleeve</td>
<td>Belt</td>
</tr>
<tr>
<td>1500107 Tape Measure Holster with Retractor</td>
<td>Harness</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Scaffold Wrench Holster with Retractor

- Holster for scaffold wrenches while working at height.
- Features Beacon high-visibility reflectors.

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500106 Scaffold Wrench Holster with Retractor</td>
</tr>
</tbody>
</table>
3M™ DBI-SALA® Hammer Holster

- The Hammer Holster allows for the safe holstering of virtually any hammer under 2.3 kg (5 lbs).
- D-ring on the side of the holster is load rated for 2.3 kg (5 lbs).
- The 1500094 combo comes with a 1500066 Hook2Quick Ring Coil Tether that is specially designed for use with the Hammer Holster. The Hook2Quick Ring Coil Tether is load rated for 0.9 kg (2 lbs).
- During transport, the Hammer Holster can be locked shut with a hook and loop strap. While being used, the strap can be locked up allowing for easy hammer access and holstering.

3M™ DBI-SALA® Adjustable Radio Holster

- Holster adjusts to fit virtually any hand-held radio, mobile phone, and many other devices.
- Can be worn from belt or harness.
- A Micro D-ring can be placed on the back of a device, and can then be tethered to a D-ring on the front of the Adjustable Radio Holster using a 1500066 Clip2Loop Coil Tether.

3M™ DBI-SALA® Spray Can/Bottle Holster

- Flexible neoprene holster allows for quick tethering of bottles and spray cans.
- 1500092 comes with 1500059 Clip2Clip Coil Tether.

3M™ DBI-SALA® Battery Holster/Sleeve

- Innovative sleeve design conforms to the size of virtually any drill battery.
- Sleeve is cinched to the drill, allowing the drill to be tethered off while being used at height.
3M™ DBI-SALA® Comfort Tool Belt

- Extra padding provides superior comfort compared to many other tool belts.
- Modular approach allows user to customise their own holster and pouch system.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1500110</td>
<td>71 cm-91 cm (28”-36”)</td>
</tr>
<tr>
<td>1500111</td>
<td>91 cm-112 cm (36”-44”)</td>
</tr>
<tr>
<td>1500112</td>
<td>112 cm-132 cm (44”-52”)</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Utility Tool Belt

- Padded Cordura provides for durability and comfort.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1500113</td>
<td>71 cm-117 cm (28”-46”)</td>
</tr>
<tr>
<td>1500114</td>
<td>102 cm-137 cm (40”-54”)</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Belt Loops

- 1500116 is used for tying off tools from a belt, while the 1500118 is used for staging tools.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1500116</td>
<td>Belt loop D-ring 3.2 kg (5 lbs)</td>
</tr>
<tr>
<td>1500118</td>
<td>Belt loop trigger 3.2 kg (5 lbs)</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Small Parts Pouches

- Innovative self-closure system traps objects inside, making it nearly impossible for objects to fall out once placed in the bag.
- Easy to retrieve objects since no opening or closing is necessary.
- Compatible with most tool belts.

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1500122</td>
<td>Small Parts Pouch, vinyl yellow</td>
</tr>
<tr>
<td>1500119</td>
<td>Small Parts Pouch, canvas black</td>
</tr>
<tr>
<td>1500120</td>
<td>Small Parts Pouch, canvas camo</td>
</tr>
<tr>
<td>1500121</td>
<td>Small Parts Pouch, canvas orange</td>
</tr>
<tr>
<td>1500123</td>
<td>Small Parts Pouch, extra deep canvas black</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Tool Bag Hanger for 3M™ DBI-SALA® ExoFit STRATA™ Harness

- Simple pivoting and pass-thru design provides fast and easy installation.
- Lightweight aluminium construction.

<table>
<thead>
<tr>
<th>Description</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>9512724</td>
<td>Simple pivoting and pass-thru design provides fast and easy installation. Lightweight aluminium construction.</td>
</tr>
<tr>
<td></td>
<td>18.1 kg (40 lbs.)</td>
</tr>
</tbody>
</table>

The Small Parts Pouch is designed for small parts such as nuts, bolts, screws and nails. Items are placed inside the Small Parts Pouch, at which point they are immediately secured by the self-closure system. Even when the pouch is flipped vertically, the Small Parts Pouch traps objects inside, making it nearly impossible for them to fall out.
3M™ DBI-SALA® Inspection Pouch

• Features two outside pockets for storing spud wrenches and two inner pockets for storing additional tools.
• Tools can be tethered to D-rings on the inside and outside of the pouch.
• Adjustable side-release closure system helps prevent objects from falling out when the pouch isn’t being used.

3M™ DBI-SALA® Utility Pouch

• Features two outside pockets for storing spud wrenches and two inner pockets for storing additional tools.
• Tools can be tethered to D-rings on the inside and outside of the pouch.
• Adjustable side-release closure system helps prevent objects from falling out when the pouch isn’t being used.

Tool Pouches

<table>
<thead>
<tr>
<th>Description</th>
<th>(W)</th>
<th>(H)</th>
<th>Retractors/Triggers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500124</td>
<td>19.1 cm (7.5&quot;)</td>
<td>27.9 cm (11&quot;)</td>
<td>-</td>
</tr>
<tr>
<td>1500125</td>
<td>19.1 cm (7.5&quot;)</td>
<td>27.9 cm (11&quot;)</td>
<td>2 retractors</td>
</tr>
<tr>
<td>1500126</td>
<td>19.1 cm (7.5&quot;)</td>
<td>27.9 cm (11&quot;)</td>
<td>2 triggers</td>
</tr>
<tr>
<td>1500127</td>
<td>22.2 cm (8.75&quot;)</td>
<td>33 cm (13&quot;)</td>
<td>-</td>
</tr>
<tr>
<td>1500128</td>
<td>22.2 cm (8.75&quot;)</td>
<td>33 cm (13&quot;)</td>
<td>2 retractors</td>
</tr>
<tr>
<td>1500129</td>
<td>22.2 cm (8.75&quot;)</td>
<td>33 cm (13&quot;)</td>
<td>2 triggers</td>
</tr>
</tbody>
</table>

• Constructed from a heavy-duty canvas with an inner lining to help prevent punctures.
• Multiple inner pockets accommodate a number of tools while an integrated D-ring makes tethering tools incredibly easy.
• Available in standard and extra-deep variations.
• The standard pouch uses a hook and loop closure system that can be locked open during use.
• The extra-deep Tool Pouch features a magnetic closure system as well as a side-release buckle.

3M™ DBI-SALA® Safe Buckets

With an integrated closure system that helps prevent dropped objects, our Safe Buckets are designed to be the ideal companion for workers at height carrying heavy loads.

Closure systems

Every Safe Bucket features either a unique, patent-pending drawstring or a locking hook and loop closure system that acts as an extra layer of spill-protection during transport and lifting. Colourful indicator tabs provide quick visual cues to indicate whether the bucket is in lockdown mode or easy-access mode.

Built-in connection points

The Safe Bucket was engineered for use with tools at height, and includes multiple connection points for tethering.

High-quality canvas and vinyl

Safe Buckets are available in both heavy-duty canvas and vinyl variants that are load rated for 45.4 kg (100 lbs) and 113.4 kg (250 lbs) respectively.
3M™ DBI-SALA® Standard Safe Bucket

Integrated carabiner and hoisting strap

Instead of rope, which is susceptible to fraying, a heavy-duty hoisting/shoulder strap is built into every Safe Bucket. Each bucket is also equipped with a high-quality and lightweight aluminum twist-lock carabiner load rated for 30 kN (6,700 lbs). There is no need to worry about a knot failing, or a non-locking carabiner which may slip off at a connection point.

Puncture resistance

Where you work, durability is non-negotiable. That's why every Safe Bucket features hard composite plating at the bottom to protect it from accidental punctures. A leather sleeve also covers the inserts, protecting them from the elements and harsh work environments.

3M™ DBI-SALA® Hard-Body Safe Bucket Insert

- Converts a standard soft-body Safe Bucket into a hard-body Safe Bucket.
- Our reusable hard-body Safe Bucket insert keeps your Safe Bucket standing upright, making it easier to stage tools and stay productive.
- Integrated inner pockets allow tools to be holstered and organised quickly.

5 Gallon Safe Bucket

- Used to transport standard 5 gallon buckets.
- 5 gallon plastic buckets clip into the Safe Bucket with a unique hook system.
- When not being used, the Safe Bucket can be flattened for easy storage.
- Unique patent pending locking hook and loop closure system helps ensure that there are no accidental spills during lifting and transportation.

<table>
<thead>
<tr>
<th>Description</th>
<th>1500141 Hard-Body Safe Bucket Insert</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500141</td>
<td>Hard-Body Safe Bucket Insert</td>
</tr>
<tr>
<td>45.4 kg (100 lbs)</td>
<td>45.4 kg (100 lbs)</td>
</tr>
<tr>
<td>Canvas</td>
<td>Canvas</td>
</tr>
<tr>
<td>38 cm / 31.75 cm (15” / 12.5”)</td>
<td>38 cm / 31.75 cm (15” / 12.5”)</td>
</tr>
<tr>
<td>30 L</td>
<td>30 L</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>1500135 5 Gallon Safe Bucket</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500135</td>
<td>5 Gallon Safe Bucket</td>
</tr>
<tr>
<td>45.4 kg (100 lbs)</td>
<td>45.4 kg (100 lbs)</td>
</tr>
<tr>
<td>Hook and loop</td>
<td>Hook and loop</td>
</tr>
<tr>
<td>Canvas</td>
<td>Canvas</td>
</tr>
<tr>
<td>38 cm / 31.75 cm (15” / 12.5”)</td>
<td>38 cm / 31.75 cm (15” / 12.5”)</td>
</tr>
<tr>
<td>30 L</td>
<td>30 L</td>
</tr>
</tbody>
</table>

Plastic bucket not included.
3M™ DBI-SALA® Pullaway Wristbands
Pullaway wristbands are designed for those who work around rotating or moving equipment. They feature an elastic strap to conform to the wearer’s wrist size automatically and come in standard and slim variants.

<table>
<thead>
<tr>
<th>Description</th>
<th>1500071</th>
<th>1500073</th>
<th>1500075</th>
<th>1500077</th>
<th>1500079</th>
<th>1500081</th>
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</thead>
<tbody>
<tr>
<td>Pullaway Wristband, small</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Pullaway Wristband, medium</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
</tr>
<tr>
<td>Pullaway Wristband, large</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
</tr>
<tr>
<td>Pullaway Wristband, small (slim)</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Pullaway Wristband, medium (slim)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
</tr>
<tr>
<td>Pullaway Wristband, large (slim)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
<td>2.3 kg (5 lbs)</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Adjustable Wristbands

Adjustable Wristband
Our adjustable wristband uses a hook and loop system to adjust to any wrist size. An elastic band helps ensure a comfortable fit.

Adjustable Wristband with Cord
Adjusts to any wrist size using a hook and loop system. A built-in cord is used to quickly attach and stage tools directly to the wristband.

Adjustable Wristband with Retractor
Adjusts to any wrist size. A built-in retractor with an attached trigger can be used to quickly work with many hand tools.

<table>
<thead>
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<th>1500085</th>
<th>1500087</th>
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<tbody>
<tr>
<td>Adjustable Wristband</td>
<td>10</td>
<td>10</td>
<td>10</td>
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<tr>
<td>Adjustable Wristband with Cord</td>
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<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Adjustable Wristband with Retractor</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
</tbody>
</table>

Transport scaffolding and longer tools safely and easily with our Long Safe Buckets.

- More effective than hand-to-hand transportation or using rope with hitch knots.
- Hook and loop top closure system keeps poles secure during lift.
- Equipped with a double twist-action locking carabiner for maximum safety.

3M™ DBI-SALA® Long Safe Buckets

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Length</th>
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<tr>
<td>1500136</td>
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</tr>
<tr>
<td>1500137</td>
<td>Hook and loop</td>
<td>183 cm (72”)</td>
<td>45.4 kg (100 lbs)</td>
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<td>1500138</td>
<td>Hook and loop</td>
<td>305 cm (120”)</td>
<td>45.4 kg (100 lbs)</td>
</tr>
</tbody>
</table>
Choosing the right Self-Retracting Lifeline (SRL).

DBI-SALA® and Protecta® are fall protection brands leading the development of innovative, reliable and versatile SRLs. Our innovations include retractable lifelines, sealed SRLs, dual mode rescue SRLs, 3-way SRL with built in retrieval and fall impact indicator. These important safety innovations have now been widely adopted and appreciated by customers across all sectors of industry.

Whether your application requires single or twin-leg configurations, mounting to an overhead anchor or for connection directly to a harness, there are numerous models to choose from to suit almost any application. Considerations when choosing your SRL:

**Housing Construction**
Thermoplastic - When lightweight is key Aluminium - When ultimate durability is required.

**Lifeline Material**
Galvanised cable, stainless steel cable or web / synthetic lifeline material for varying environments.

**Sealed Design**
For harsh/corrosive environments like Oil & Gas applications.

**Retrieval**
Ideal for confined space rescue / retrieval applications for easy implementation of rescue plan solutions.

**RSQ™ Dual Mode Design**
Built-in rescue allows user to be lowered after a fall arrest either automatically or manually.

3M™ DBI-SALA® FAST-Line™ Cable
Allows user to replace lifeline assembly in the field (available for 3M™ DBI-SALA® Sealed-Blox™ SRL only).

**Harness Mount**
Direct connection takes the hassle out of fall protection.

**Sharp Edge Compliant**
Specialised lifeline and external shock for leading edge, horizontal use, meeting the latest VG11 sharp edge requirements.
3M™ DBI-SALA® Sealed-Blok™
Self-Retracting Lifelines

Trusted
3M™ DBI-SALA® continues to set the standard for quality in fall protection. The Sealed-Blok SRL family has a fully comprehensive line of sealed SRLs and decades of proven field service.

Durable
- Stands up to the harshest environments
- Heavy-duty design
  - Corrosion resistant
  - Stainless steel end-plates
  - Aluminium housing

Reliable
- Dynamic components sealed inside the housing (IP69K rated)
- Protects from particles entering product
- Protected against complete or continuous submersion in water
- Decades of service
- Field proven in the world’s toughest environments
- Design extends maintenance intervals and product longevity

Typical Applications
- Oil rig drilling
- Confined space
- Saltwater environments
- Dirty environments
- Sewage plants

Typical Markets
- Oil and gas
- Off-shore wind energy
- Mining
- Marina
- Utilities
- Waste water treatment
- Municipalities

Applications

Anti-Ratcheting Design
Stays locked on rigid and non-rigid (horizontal lifeline) anchors.

New Sealed Design
(Patent Pending)
Ensures efficient, safe operation under all working conditions - the only SRL to meet IP69K sealed rating.

141 kg Weight Capacity
Higher capacity for operator and tools.

Carrying Handle
Built-in design for easy transport with improved ergonomics.

Secondary Anchorage Point
Certified for “dropped objects” Protection Rated for fall arrest if primary anchor fails.

Retrieval Winch

3M™ DBI-SALA® Sealed-Blok™ Self Retracting Lifeline - RSQ™
Dual Mode Design
Allows user to select between fall arrest mode and descent mode.

5 mm Diameter Wire Rope
Stainless steel for corrosion resistance.

Self-Locking Swivel Hook
Limits lifeline twisting.

Pivoting Anchorage Loop
Centres the load.

Aluminium Housing
Provides exceptional strength, durability and corrosion resistance.

Stainless Steel End-Plate
Durable construction for harsh environments.

Tripod/Davit Arm Bracket
No tools required for install.

Ergonomic Cable Handle
Provides added comfort and ease-of-use when making connections.

Galvanised and Stainless Steel Cable
Abrasion resistant and corrosion resistant lifeline options.

1630 kg (3600 lb) Gate
Reduces chances of accidental disengagement (“roll-out”).

Impact Indicator
Provides visual indication of Fall Arrest.

3M™ DBI-SALA® FAST-Line™
Provides the user with ability to replace the lifeline in the field. Eliminates the need to service / reset the brake after a fall arrest.

Self-Retracting Lifelines

3M Fall Protection | 00 800 999 55500

www.3M.com/FallProtection
3M™ DBI-SALA® Sealed-Blok™ Cable Self-Retracting Lifeline - 4.5 m - 9 m

3M™ DBI-SALA® Sealed-Blok™ Cable Self-Retracting Lifeline - 15 m

3M™ DBI-SALA® Sealed-Blok™ Cable Self-Retracting Lifeline - 53 m

Sealed-Blok Cable SRL - 25 m

Sealed-Blok Cable SRL - 40 m

3M™ DBI-SALA® First-Man-Up™ Assisted Rescue Tool

First-Man-Up™ Assisted Rescue Tool Fork

3M™ DBI-SALA® First-Man-Up™ Assisted Rescue Tool Fork

Rescue fork tool for Sealed-Blok RSQ™ SRL.
3M™ DBI-SALA® Ultra-Lok™ Self-Retracting Lifelines

Ultra-Lok web and cable SRLs are rugged, highly engineered devices that can be counted on for user safety, efficiency and reliability. Available with synthetic rope, stainless steel or galvanised steel cable and aluminium or thermoplastic housing. The Ultra-Lok RSQ™ model is an innovative dual-mode SRL for fall arrest and integrated rescue.

3M™ DBI-SALA® Ultra-Lok™ RSQ™ Dual Mode Design

No other brand has the exclusive DBI-SALA® dual-mode descent operation! Our RSQ feature allows the user, prior to connection, to choose their mode of operation. This two-in-one operation lowers the cost of ownership by reducing the need for separate rescue equipment and ensuring you always have a rescue plan.

- Standard fall arrest mode
- Automatic descent mode - self rescue
- Remote / Assisted descent activation options

Applications

- Fall Arrest - Assisted Rescue by Hand
- Fall Arrest - Assisted Rescue by Pole
- Automatic Descent Mode

Anchor Swivel
Allows the block to align with lifeline and avoid any torsion of the cable when the user is working.

Lightweight and Durable
Thermoplastic Housing
Provides exceptional durability and is lightweight for easy handling.

Stainless Steel Components
Stainless steel internal parts ensure increased corrosion resistance and operational longevity.

Semi-sealed Design
Gasket between the housings makes the block semi-sealed which increases protection against the intrusion of dust and water thereby offering additional protection against corrosion.

Constant Moving Pawls,
Anti-ratchet System
Anti-ratchet system means the pawls do not easily disengage after a fall. This innovative feature ensures that the pawls will remain engaged even if the anchorage structure is flexible and likely to induce rebounds.

Reserve Lifeline
Allows the brake to perform even if a fall occurs when the cable is fully extended.

Impact Indicating Hook
Allows easy visual inspection to determine if the unit has experienced a fall by a user.

141 kg Weight Capacity
Higher capacity for operator and tools.

Web SRL
Nylon web lifeline models are lighter weight for added comfort and are less abrasive to objects around the system.

Sharp Edge SRL
Innovative design incorporates larger diameter 5.5 mm cable and an in-line shock absorber for the demands of leading edge applications.
3M™ DBI-SALA® Ultra-Lok™
Web Self-Retracting Lifeline - 3.3 m - 6 m

Ultra-Lok Cable SRL - 9 m

3M™ DBI-SALA® Ultra-Lok™
Cable SRL - 6 m

3M™ DBI-SALA® Ultra-Lok™
Cable Leading Edge SRL - 9 - 15 m

3M™ DBI-SALA® Ultra-Lok™ Vectran Synthetic Rope Self-Retracting Lifeline - 15 m

3M™ DBI-SALA® Ultra-Lok Cable RSQ™ SRL - 15 m

First-Man-Up™ Assisted Rescue Tool

First Man Up™ 4.8 m pole with rescue tool for Ultra-Lok RSQ SRL.

First-Man-Up™ Assisted Rescue Fork

Rescue fork tool for Ultra-Lok RSQ SRL.
3M™ DBI-SALA® Nano-Lok™ Web Self-Retracting Lifelines

Maintain safe fall distances for improved worker safety

Compact
Nano-Lok is ergonomically designed for ease-of-use and is ideal for direct connection to most harnesses. And at only 725 g, it’s virtually unnoticeable on your back, stays out of the way and can be easily used as a lanyard replacement.

Versatile
Whether your application requires single or twin leg configurations, mounting to an overhead anchor or for connection directly to a harness, there are more than 10 models to choose from to suit almost any application.

Safe
Nano-Lok locks quickly - stopping a fall within inches - providing more protection at low heights. In addition, tension is always kept on the lifeline, which reduces dragging, snagging and trip falls. Both features are key safety improvements.

Single Leg Connector
Twin Leg Connector

Applications

Compatible with a Shoulder or Foot Connection
Improve safety by allowing a shoulder and foot level connection for 141 kg capacity.

Extremely Compact and Lightweight
At just 725 g this SRL is extremely lightweight and along with its compact size, it is virtually un-noticeable on your back.

141 kg Weight Capacity
Higher capacity for operator & tools.

Wide Variety of Configurations
Provides complete jobsite versatility and flexibility.

Single Leg Anchorage Connector
- Attaches directly to back of most harnesses - no separate carabiner required.
- Installs to web, leaving dorsal D-ring open for other equipment or rescue.
- Design provides snug fit to worker’s back eliminates nuisance “flopping”.

Swivelling Anchorage Loop
Limits lifeline twisting for smoother operation.

Impact-Resistant Housing
High-strength housing provides maximum durability.

Automatic Quick-Activating Arrestor
- Stops falling worker within inches - reduces fall distances and average arresting forces to 6 kN or less.
- Advanced webbing (thickness 1.5 mm, width 20 mm).

Impact Indicator
- Integrated shock absorber provides visual indication of a fall.
- Very short shock absorber deployment length: 50 cm requires small clearance.

Retractable Lifeline
Stays locked on rigid and non-rigid (horizontal lifeline) anchors.

1630 kg Gate
Reduces chances of accidental disengagement (roll-out) for added safety.

Meets or Exceeds Industry Standards
### 3M™ DBI-SALA® Nano-Lok™ Web Self-Retracting Lifeline

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Diameter</th>
<th>Factor</th>
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</thead>
<tbody>
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<td>57 mm</td>
<td>1.28</td>
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<tr>
<td>3101262</td>
<td>1.9 m</td>
<td>19 mm</td>
<td>0.99</td>
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<tr>
<td>3101265</td>
<td>1.95 m</td>
<td>19 mm</td>
<td>1.13</td>
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### Nano-Lok Web SRL

<table>
<thead>
<tr>
<th>Model</th>
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<th>Diameter</th>
<th>Factor</th>
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<tbody>
<tr>
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<td>19 mm</td>
<td>0.99</td>
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<tr>
<td>3101288</td>
<td>1.95 m</td>
<td>57 mm</td>
<td>2.46</td>
</tr>
</tbody>
</table>

### 3M™ DBI-SALA® Nano-Lok™ Web Self-Retracting Lifeline

**Direct-to-harness connection**

- Single-Leg or twin leg connectors install underneath the webbing on most harnesses.
- Leaves D-ring open for other equipment or rescue.
- Provides snug fit to workers back - eliminates nuisance flopping.
- Lower attachment point keeps housing at shoulder level versus head level.

### Nano-Lok Tie-Back Web SRL

**Versatile**

Unrivalled jobsite flexibility
- The 0.9 m (36") tie-back leg provides options where traditional anchor connectors are not available or feasible.
- With a total working length of 2.7 m (9 ft.) the Nano-Lok Tie-Back offers more mobility and flexibility.
- Industry leading 141 kg (311 lb) user capacity.
- Gate strength; 22 kN.
- Weight capacity 140 kg.

**Connection**

Tie-back connection should be at shoulder level or above. The tie back connection must not be below shoulder level.

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Diameter</th>
<th>Factor</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>3101425</td>
<td>2.7 m</td>
<td>19 mm</td>
<td>2.85</td>
</tr>
</tbody>
</table>

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80  
3M Fall Protection | (00 800 999 55500)  
81  
00 800 999 55500   | www.3M.com/FallProtection
3M™ Nano-Lok™ Edge Cable
Self-Retracting Lifeline - the zero radius edge rated SRL

Nano-Lok Edge is specifically designed for foot level tie-off and sharp edge applications often found in construction. It is ergonomically designed for ease of use and is ideal for direct connection to most harneses. The extremely compact and lightweight design is virtually unnoticeable on your back, staying out of the worker’s way and making it ideal as a lanyard replacement. Whether your application requires single or twin leg configurations, mounting to an overhead anchor or for connection directly to harness, there are numerous models to choose from to suit almost any application. Nano-Lok locks quickly - stopping a fall within inches - providing more protection at low heights. In addition, tension is always kept on the lifeline, which reduces dragging, snarling and trip falls. Both features are key safety improvements.

Applications

Dedicated Foot Level Tie-Off
Dedicated design minimises fall forces, auto retraction of unused lifeline minimises trip hazards.

Integrated Back-Pack
Style Energy Absorber
Works with connector to limit fall forces, for extreme sharp edge performance. Back pack design stays tight, evenly disperses weight.

Designed to Meet
Sharp Edge Standards
Cable - Galvanised steel 5 mm lifeline - Extreme sharp edge protection - Meets CE EN:2002 & standard requirements of VH1.150 rev 7.
Web - High-resistance web 20 mm Dyneema® web makes lightweight and extreme resistance performance possible.

Easy-Fit Connector
360° rotation, full integration with energy absorber, frees D-Ring for other equipment.

Impact-Resistant Housing
Lightweight but extremely durable.

141 kg Weight Capacity
Ultimate jobsite flexibility to accommodate users who carry more equipment.

Galvanised Steel
5 mm Lifeline
Extreme sharp edge protection.

Multiple Hook Options
Configure to your unique requirements.

Best Seller
3500244
82
83
3M Fall Protection | 00 800 999 55500 | www.3M.com/FallProtection
### 3M™ DBI-SALA® Nano-Lok™ Edge Tested Web Self-Retracting Lifeline

<table>
<thead>
<tr>
<th>Code</th>
<th>Length</th>
<th>Width</th>
<th>Diameter</th>
<th>Test Load</th>
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<tbody>
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### Nano-Lok Edge Tested Web SRL

<table>
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<th>Length</th>
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### 3M™ DBI-SALA® Nano-Lok™ Edge Tested Web Self-Retracting Lifeline

<table>
<thead>
<tr>
<th>Code</th>
<th>Length</th>
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<th>Diameter</th>
<th>Test Load</th>
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<tbody>
<tr>
<td>3101433</td>
<td>2.4 m</td>
<td>50 mm</td>
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<td>2.4 m</td>
<td>19 mm</td>
<td>50 mm</td>
<td>2.22</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Nano-Lok™ Edge Tested Web Self-Retracting Lifeline

Best Seller: 3101433

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Self-Retracting Lifelines
3M™ DBI-SALA® Nano-Lok™
Hot Work Self-Retracting Lifeline.
The first ever self retracting lifeline
designed for welding, grinding
and high heat applications.

Durable
Reinforced webbing with Nomex®/Kevlar® fibre to withstand
sparks, weld splatter and other high heat exposure.

Versatile
5 different Nano-Lok configurations, single and twin-leg, that
can be connected at foot level to meet your specific needs.

Safe
Arc flashed to 8 calories (8 cal/cm²), for hot work use
in applications like welding, grinding and torching.
Meets or exceeds industry standards. CE EN360:2002.
Weight capacity 140 kg.

Applications

Nano-Lok Hot Work Web SRL

3M™ DBI-SALA®  Talon™  Edge Tested Web SRL

• Anti-ratchet system. Dyneema®/Kevlar® webbing.
• Thermoplastic housing.
• Anchorage connector: Twist Lock.

Load arrestors are safety
devices used in conjunction with lifting devices such as cranes
and hoists. The Load arrestor provides independent protection
that will arrest the fall of a load in the event of the primary system
failing and reduces the risk of equipment damage and protects
personnel in and around the danger zone. Models available
to protect loads from 100 kg to 3,000 kg.

Applications

For Hot Work Use

Best Seller

3101049
4.5 m
63.5 mm
1.94

3101047
4.5 m
57 mm
1.84

3101046
4.5 m
19 mm
1.71

3101045
4.5 m
63.5 mm
2.08

3101524
2 m
19 mm
1.66

3101523
2 m
63 mm
1.75

3101522
2 m
63 mm
1.50

3101521
2 m
63 mm
1.75

3101048
4.5 m
19 mm
1.84

3101046
4.5 m
19 mm
1.71

3101045
4.5 m
63.5 mm
2.08

3101044
4.5 m
19 mm
1.84

3M Fall Protection  |  (00 800 999 55500  00 800 999 55500  | www.3M.com/FallProtection

DuPont, Kevlar® and Nomex® are trademarks or registered trademarks of E.I. du Pont de Nemours and Company.
3M™ DBI-SALA® Nano-Lok™ XL Web Self-Retracting Lifeline - providing up to 33% more lifeline to the user. The additional length increases the anchorage options for the user and further establishes Nano-Lok as the most versatile personal SRL on the market.

- Single leg and twin leg option.
- Can be connected at foot level.
- 2.7 m to 3.3 m length models available.
- 10 different models with different carabiner and snap hooks.
- The most compact 3 m unit on the market.
- Weight capacity 141 kg.

Applications

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Carabiner</th>
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<th>Weight</th>
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<tbody>
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<tr>
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<td>52 mm</td>
<td>2.90 kg</td>
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<tr>
<td>3101637</td>
<td>2.98 m</td>
<td>57 mm</td>
<td>2.90 kg</td>
<td></td>
</tr>
</tbody>
</table>
## Rescue Systems

When the clock starts ticking, you need a rescue plan you can count on to rescue you quickly and efficiently.

### Choosing rescue and descent systems

The type of job site, anchor location, working load and limit, and ease of use are some important considerations when choosing the appropriate rescue and descent system. A single rescue system cannot efficiently handle every scenario, performing well for one application but not another. Some rescue systems are easy to use for one application, while others require more skill but can be adapted for use in multiple situations.

We offer a wide variety of Rescue system solutions, including the 3M™ DBI-SALA® Sealed-Blok™ RSQ™ Dual Mode Descent SRL (see pages 70-73) as well as the compact & lightweight 3M™ DBI-SALA® Rollgliss™ R550 System and the ultra easy to control 3M™ DBI-SALA® Rollgliss™ R350 Rescue & Descent Systems (see pages 92).

### Applications

- **Emergency Escape**: Use the Rollgliss 550 as an escape device when it is imperative to get to the ground as quickly as possible.
- **Assisted Rescue Pick-Off**: Use the Rollgliss 550 for an assisted pick-off rescue when a victim is unable to get to safety alone. Lower to the victim and hook up to them and use the device to descend to safety.
- **Assisted Rescue**: Attach the Rollgliss 550 to the top of the wind turbine and lower the hook end to the victim and lower them to the ground.
- **Custom Rescue**: The Rollgliss 550 can be used in many custom rescue situations. Use the system to repel down the structure to safety.

### Rollgliss R550 Rescue System

#### without rescue hub

<table>
<thead>
<tr>
<th>Length (m)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
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<tr>
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<tr>
<td>130</td>
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</table>

Other lengths or longer lengths up to 500 m contact us.

#### with rescue hub

<table>
<thead>
<tr>
<th>Length (m)</th>
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</tr>
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<td>120</td>
<td>9.72</td>
</tr>
<tr>
<td>130</td>
<td>10.29</td>
</tr>
</tbody>
</table>

Other lengths or longer lengths up to 500 m contact us.

#### Optional Rescue Hub

- Allows to perform not only evacuation but also rescue.

#### Bi-Directional Hub

- Rope descends from either side which brings one hook up as the other goes down, allowing for immediate use after each descent.

#### Optional Bracket

- Allows quick and easy connection to the ladder rung in order to optimise effectiveness of the rescue.

#### Durable Rope

- 9.5 mm (3/8") static kernmantle rope rated for durability.

#### Multiple Length Options

- Lengths from 10 to 200 m for 2 persons and from 10 to 500 m for 1 person.

#### Weight Capacity

- 282 kg.
3M™ DBI-SALA® Rollgliss™ R350 Rescue System

The Rollgliss R350 system provides efficient hauling, but more importantly, very controlled lowering (a finger and thumb are all that is required to hold a load). This system also allows you to change the hauling ratios on the fly with quick release pulleys, allowing custom rigging for different applications and job sites.

- Interchangeable pulley system with a 3:1 ratio standard
- Includes everything you’ll need for efficient rescue
- Rope retention bar does not allow rope to twist or overlap
- Visual and audible function controls
- Static kernmantle rope for optimum performance
- Quick connect system allows fast insertion of various pulleys
- Weight capacity 150 kg

Applications

<table>
<thead>
<tr>
<th>Best Seller</th>
<th>AG6350ST31/30</th>
<th>7.5 m</th>
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<td>6:1</td>
<td>2</td>
<td>6.40</td>
<td></td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Rollgliss™ R250 Rescue Kit

3M™ DBI-SALA® Rollgliss™ R250 Rescue Descender

The ideal descender! The R250 is a versatile tool for rescue teams. It allows descent, evacuation and work on the rope. Descent is easily controlled, thanks to the descender’s handle, and an anti-panic function eliminates the risk of accidents caused by incorrect handling.

Usage limits:

- 1 person
- Weight capacity 150 kg
- Descent: Max 100 m

Conforms to:

- EN 341 Class A standard
- *This conformity is valid only with AG6250ROPE

3M™ DBI-SALA® Rescumatic™ Rescue System

Rescumatic provides safe, automatic controlled descent from overhead cranes, towers, buildings, vessels or other heights. The system safely lowers the endangered worker, or workers, at a controlled rate of 3 ft. (0.9 m) per second. The stainless steel housing Rescumatic fitted with stainless steel cable is MCA certified (Marine Certification for Vessels).

- Pre-rigged for quick and easy installs and use
- No power source or special skills or tools required
- Simply don body support and step off structure for evacuation
- Bidirectional design, one end of lifeline descends while other ascends
- Galvanized wire core polyester rope for added strength
- Weight capacity 136 kg

Applications

<table>
<thead>
<tr>
<th>Best Seller</th>
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<tr>
<td>AG62501030</td>
<td>30 m</td>
<td>7.10</td>
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</table>

Aluminium Tripod


Rescumatic Descent Controller

The controller has a galvanised steel housing with a brake. Weight capacity 150 kg.

<table>
<thead>
<tr>
<th>Best Seller</th>
<th>AG157/I</th>
<th>5 mm</th>
<th>0.1 kg/m</th>
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</table>

Rescumatic Rope

5 mm stainless cable for Bimatic and Rescumatic (per metre).

<table>
<thead>
<tr>
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Winch

With brake.

<table>
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<tbody>
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<td>17.32</td>
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</tr>
</tbody>
</table>

Rope Control Device

Without brake. Mountable on the Rollgliss winch AG6800300.

<table>
<thead>
<tr>
<th>Best Seller</th>
<th>AG6800260</th>
<th>0.27</th>
</tr>
</thead>
</table>

3M™ DBI-SALA® Rollgliss™ Carrying Bag

| AG6800620 | 0.40 |
| AG6800621 | 0.03 |
| AG6800622 | 0.30 |

Applications

Rescue Systems

<table>
<thead>
<tr>
<th>Best Seller</th>
<th>AG6250000</th>
<th>0.50</th>
</tr>
</thead>
</table>

*This conformity is valid only with AG6250ROPE

3M Fall Protection | 00 800 999 55500 | 93
The 3M™ DBI-SALA® Series Hoist Systems are designed for manhole and confined space entry/retrieval applications. These units are constructed of lightweight materials including high-strength aluminium. The davit pivots for ease-of-rescue and has adjustment for overhead clearance restrictions. The lower base adjusts to fit most standard entries. Many other portable and fixed bases are available to suit any job site need. Weight capacity 205 kg.

Applications

5-Piece Davit Hoist System

*Short

Includes short offset adjustable offset upper mast (8568001), 83.8 cm lightweight lower mast (8568002) and 3-piece lightweight base (8568005). Includes winch mounting bracket. Order winch and SRL separately.

*Long

Includes long offset adjustable upper mast (8568006), 33” (838 mm) lightweight lower mast (8568002), and 3-piece lightweight base (8568008). Includes winch mount brackets. Order winch and SRL separately.

5-Piece Davit Hoist System

*Long

Masts come standard with one set of winch mount brackets to accommodate a DBI-SALA® winch or SRL. Additional brackets are available.
The 3M™ DBI-SALA® Counterweight System is composed of a central base unit to accommodate a variety of anchoring options, positioning and adjustment legs, and extension assemblies.

Use this base assembly with the Catwalk Clamp to secure to the underside of elevated walkways, catwalks and mezzanines. This option offers a flexible mix of tank entry into challenging areas. Weight plates sold separately. Weight capacity 205 kg.

**Applications**

![Counterweight Cart](image)

**3M™ DBI-SALA® Counterweight System Base**

- **Base & Screw Leg Assembly**: 90.00

**Extendable Pole Hoist**

![Extendable Pole Hoist](image)

**Counterweight Cart**

- **Offers a portable solution to move your counterweight easily & effectively in areas throughout a plant on level ground. Weight plates sold separately.**

**3M™ DBI-SALA® Adjustable Barrel Mount Sleeve**

- **8562831**: 5.90

**3M™ DBI-SALA® Flush Floor Mount Sleeve**

- **8560476**: 9.50

**Zinc Plated Mild Steel construction.**

- **8562894**: 90.00

- **8566191**: 5.50

- **8568347**: 5.40

**Compact design creates minimum intrusion into work space. Mounts to horizontal concrete or steel structure. Comes with PVC sleeve liner.**

**Best Seller**

- **8520867**: 136.08

- **8560409**: 1.2 m - 2.1 m

- **8560476**: 1.8 m - 3.05 m

- **8561235**: T Bar Leg Assembly 3.20

**3M™ DBI-SALA® Adjustable Barrel Mount Sleeve**

- **8562285**: 0-60.90 cm

**3M™ DBI-SALA® Flush Floor Mount Sleeve**

- **8560316**: 26.00

**Zinc Plated Mild Steel construction.**

- **8562831**: 254 mm

- **8564848**: 228 mm

- **8568348**: 203 mm

- **8568347**: 107 mm

**Compact design creates minimum intrusion into work space. Mounts to horizontal concrete or steel structure. Comes with PVC sleeve liner.**

**Best Seller**

- **8566191**: 254 mm

- **8566190**: 233 mm

- **8566190**: 235 mm

**Mounts to vertical concrete or steel structures. Comes with PVC sleeve liner.**

**Best Seller**

- **8520867**: 254 mm

- **8560409**: 241 mm

- **8560476**: 233 mm

- **8561235**: 203 mm

**Mounts to existing concrete. Comes with PVC sleeve liner.**

**Best Seller**

- **8566190**: 1066 mm

- **8566191**: 107 mm

**Compact design creates minimum intrusion into work space. Mounts to vertical concrete or steel structures. Comes with PVC sleeve liner.**

**Best Seller**

- **8520867**: 233 mm

**Mounts to horizontal concrete or steel structure. Comes with PVC sleeve liner.**

**Best Seller**

- **8520867**: 233 mm

**Zinc Plated Mild Steel construction. Recessed fastener pockets allow for bolt-in installation into existing concrete. Adjustable Barrel Mount Sleeve Davit Base - Flush Mount Design allows passage of traffic and eliminates trip hazards when not in use. Comes with PVC sleeve liner.**

**Best Seller**

- **8520867**: 233 mm

**Mounts to horizontal concrete or steel structure. Comes with PVC sleeve liner.**

**Best Seller**

- **8520867**: 233 mm

**Compact design creates minimum intrusion into work space. Mounts to horizontal concrete or steel structure. Comes with PVC sleeve liner.**

**Best Seller**

- **8520867**: 233 mm

**Mounts to existing concrete.**

**Best Seller**

- **8520867**: 233 mm
The 3M™ DBI-SALA® Side Entry System is designed for confined space entry/retrieval and rescue operations involving horizontal entries with vertical positioning or retrieval required inside the space. The DBI-SALA Side Entry System may be used with the model 8541683 External Adjustable Tank Collar for adaptation to different manways. Weight capacity 205 kg.

### Applications

- **External Adjustable Tank Collar**
  - Used to fit outside of manway.
- **Side Entry System Package**
  - Used to fit outside of manway.

### 3M™ DBI-SALA® Portable Fall Arrest Post

The Portable Fall Arrest Post is specifically designed for use on top of transformers or other types of vertical platforms with potential fall hazards. It’s compact and lightweight design of only 17.20 kg (38 lbs) makes the post very easy to transport and put in place. The system features 3 independent swivel anchor points. They can rotate 360 degrees, offering freedom of mobility for up to 3 workers with self-retracting lifelines or fixed length lanyards. Weight capacity 205 kg.

#### 3M™ DBI-SALA® Advanced™ Anchor Post Extension for Portable Fall Arrest Post

Allows for tie-off of one worker at an increased height of 1,740 mm (68.5”).

#### 3M™ DBI-SALA® Weld-on Mounting Plate

Unplated mild steel construction.

#### 3M™ DBI-SALA® Concrete Anchor Plate

With tie off.
3M™ DBI-SALA® Vehicle Hitch Mount Systems

The Vehicle Hitch Mount Sleeve is designed to install into an attendant vehicle to provide a portable anchor point for confined space entry/retrieval, rescue and fall-arrest systems. Various sockets, extensions and accessories are available to allow use of the sleeve in a multitude of situations.

Vehicle Hitch Mount System

Sleeve Extensions

<table>
<thead>
<tr>
<th>Length (m)</th>
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<th>Info</th>
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</tr>
<tr>
<td>1.83</td>
<td>8511384</td>
<td>17.60</td>
</tr>
</tbody>
</table>

Extensions are available in a variety of lengths. A maximum of one extension can be used with a hitch mount and a bumper attachment.

Vehicle Hitch Mount System Attachment

<table>
<thead>
<tr>
<th>Code</th>
<th>Info</th>
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</thead>
<tbody>
<tr>
<td>8520886</td>
<td>Universal Hitch Ball Coupler</td>
<td>7.90</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® UCT-300 Aluminum Tripod

2.13 m (7 ft.) Tripod with adjustable locking legs, safety chains, top pulley & winch bracket. Weight capacity 205 kg. Note: Winch and SRL not included.

UCT-1000 Aluminum Tripod

3.048 m (10 ft.) Tripod with adjustable locking legs, safety chains, top pulley & winch bracket. Note: Winch and SRL not included.

3M™ DBI-SALA® Digital Winches

3M™ DBI-SALA® Series 100 Digital Winches are rated for a maximum working load of 204 kg (450 lbs) with an 11:1 safety factor. This winch has two cranking speeds capable of retrieval/descent from 4 m/min (13 ft/min) to 9 m/min (30 ft/min). Available in 3 standard sizes. The winch accommodates various diameters of cables up to 9.5 mm (3/8") and ropes up to 15.9 mm (5/8"). All cable/rope assemblies come with a double locking swivel snap hook with overload indicator.

3M™ DBI-SALA® Series 100 Digital Winch

Overload Protection Clutch

Features a maximum working load of 204 kg (450 lbs.). Use with cordless drill 0-300 RPM, 45 N.m torque minimum.
3M™ DBI-SALA® FlexiGuard™ SafRig™ Height Access Systems.

An industry that is constantly in motion, those in transportation know that accessibility is vital. The new FlexiGuard SafRig systems replace the need for expensive, fixed overhead anchor systems and counterweights.

Applications

- Drive-over design allows for close positioning of the offset arm to vehicle(s)
- Base 4.56 m (15') x 4.56 m (15')
- Anchor Height 6.1 m (20')
- Anchor Offset from Mast 1.7 m (5' 9' )
- Maximum Safe Working Radius 5.36 m (17' 7' )
- Approved System Standards CE EN795:2012 Class B
- Capacity 1 user / 140 kg

FlexiGuard SafRig Height Access System with Counterweight Base

8560016*

Increased versatility for use at other types of job sites
- Base 1.37 m (4' 6" ) x 1.37 m (4' 6" ) Concrete base not included
- Anchor Height 6.1 m (20')
- Anchor Offset from Mast 1.7 m (5' 9' )
- Maximum Safe Working Radius 4.72 m (15' 6" )
- Approved System Standards CE EN795:2012 Class B
- Capacity 1 user / 140 kg

Outrigger base can be rotated 90°

3M™ DBI-SALA® FlexiGuard™ SafRig™ Height Access System with Outrigger Base

8560015*

Drive-over design allows for close positioning of the offset arm to vehicle(s)
- Base 4.56 m (15') x 4.56 m (15')
- Anchor Height 6.1 m (20')
- Anchor Offset from Mast 1.7 m (5' 9' )
- Maximum Safe Working Radius 5.36 m (17' 7' )
- Approved System Standards CE EN795:2012 Class B
- Capacity 1 user / 140 kg

For more information on the complete range of 3M™ DBI-SALA® Confined Space and retrieval products visit www.3M.com/FallProtection

*Please note, not all items are held in stock. Please ask your Customer Service representative for lead times.
The new 3M™ DBI-SALA® FlexiGuard™ Engineered Modular Unit (EMU). This modular system features a lightweight design, allowing for easy mobility around the job site with a pallet jack or forklift. With a variety of models available, there is a configuration to fit virtually any need.

Applications

3M™ DBI-SALA® FlexiGuard EMU Adjustable Height System Jib Counterweight Base

- 8560013* without concrete base
- Plate Base 1.57 m x 1.57 m (4' 6" x 4' 6")
- Base (with Jack Leveling Kit) 1.92 m x 1.37 m (6' 3-3/4" x 4' 6")
- Overall Height (Including Insert) 1.54 m (5')

Best Seller 8560014

Accessories

8530563* Jack Leveling Kit

Any Jib

Counterweight Base

Counterweight Base

FlexiGuard Jib System

- Attach to supporting, fixed structure (e.g. on I-Beam) on the job site
- Mounting clamps, plates and hardware included with systems
- System rotates 180° and locks every 7.5°
- Installed Glide 360 rail with trolley

<table>
<thead>
<tr>
<th>Boom Height</th>
<th>Offset</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBD by End User</td>
<td>6.1 m</td>
</tr>
</tbody>
</table>

The 3M™ DBI-SALA® FlexiGuard™ Jib System is a solution for indoor and outdoor maintenance where mobility and worker safety are key. These systems incorporate a 180° rotating jib with the capacity to provide fall protection for one person. The base also contains four heavy-duty lifting rings for transport by a crane. This system is CE compliant.

Applications

*Please note, not all items are held in stock. Please ask your Customer Service representative for lead times.
3M™ DBI-SALA® Mobi-Lok™ Vacuum Anchor provides a tie-off point on virtually any smooth, non-porous surface simply by flipping a switch and waiting for the green light.

Lightweight design (under 10 kg) for easy transport. Fail-safe back-up systems with audio alarms and vacuum level indicator. Rubber seals secure anchor without damaging surface. Weight capacity 136 kg. Can be used with horizontal lifeline systems for added mobility for up to four workers.

Applications

Mobi-Lok Vacuum Anchor
*Primary Unit with Bottle Attachment

Mobi-Lok Vacuum Anchor
*Primary Unit without Bottle Attachment

Mobi-Lok Vacuum Anchor
*Secondary Unit without Bottle Attachment

Mobi-Lok Aviation Industry
self-contained vacuum anchor assembly with bottle attachment and carrying case. It is powered up with a single, on-board 0.8 litre compressed gas bottle (order separately) or a large capacity detached bottle, or shop air. Unit can also power one additional secondary pad.

Mobi-Lok Accessories

<table>
<thead>
<tr>
<th>Description</th>
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<td>Scuba Adaptor</td>
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<td>Secondary Pad Hose Assembly</td>
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<td>Fill Station Adapter</td>
<td>2200130</td>
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</tr>
<tr>
<td>2 Person Lifeline</td>
<td>2200196</td>
<td>4.77</td>
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</tbody>
</table>

Note: These are non-stocked items. Please ask your Customer Services representative for a delivery lead time.
Quick-release button for fast removal with a pivoting easy-grip handle. Innovative forged connection ring provides a compatible tie-off point. Shielded load cable and chock release cables. Installs in seconds to the beam structure in any orientation, with final tightening using a built-in adjustment handle.

Reusable D-Ring assembly. Rugged design for harsh environments. Safe ‘hook-up’ indicator notifies user of proper installation. Install into 18 mm or 19 mm holes - only standard drill bits needed. Installs into concrete or steel in seconds. Activator cable provides toggle mode selection (open or lock). Position indicator visually notifies user if locked or unlocked. Swivelling D-Ring provides a compatible tie-off point.

The anchor beam dimensions chart

The rooftop freestanding counterweight anchor does not require attachment to a working surface and provides a safe and versatile fall arrest rated tie-off point.
3M™ DBI-SALA EZ-Line™ Temporary Horizontal Lifeline

EZ-Line is a temporary horizontal lifeline system that is user friendly and extremely fast to install. The innovative retractable design of EZ-Line eliminates large and bulky coils of cable that are difficult to set-up, relocate and store. Built-in winch for fast and easy set-up, use and dismantling. Customise length in any increment up to 18.25 m. Built-in pre-tension and impact indicators for easy set-up and inspection. Extremely lightweight, 33% lighter than conventional systems.

Applications

- Applications
- Engineered Horizontal Systems

3M™ DBI-SALA® EZ-Line™ Temporary Horizontal Lifeline has been developed to provide a choice of solutions that allow our customers to most effectively resolve the risks associated with working at height in a wide range of applications and comply with workplace safety regulations.

3M™ DBI-SALA® RoofSafe™ Anchors

The RoofSafe Anchor from 3M™ Fall Protection has been designed to eliminate or substantially reduce the risk of injury or death to operatives working at height, whilst ensuring the integrity of the structure to which it is attached.

The innovative 3M™ DBI-SALA® SpiralTech™ Energy Absorber energy absorber results in the lowest forces back to the roof on the market measured at less than 6 kN.

3M™ DBI-SALA® Uni 8™

Uni 8 is ideally suited to modern building projects and refurbishments but can also be used for industrial safety applications. Minimal moving parts and high grade materials ensure long life expectancy, low cost of ownership and add up to a sound investment. Uni 8 can be fitted to steel beams, concrete and brickwork and is suited for use on older roof constructions in conjunction with fabricated anchor points.

UniRail is ideal for building projects, in particular for internal and external facade access, inspection and maintenance including walkways and suspended gantries. It is also extensively used for suspended access work by rope access technicians, as it meets the requirements of both abseil and fall protection standards.

3M™ DBI-SALA® Uni 8™ Overhead Fall Protection System

The Uni 8 Overhead fall protection system was primarily developed to meet the needs of transport and industrial customers including lorries, trains and aircraft, crane walkways and loading bays. The system has also solved access and safety problems in the entertainment and arena industry. This quality safety solution can support heavy fall arrest and controlled rate descent devices, and ensures free and unhindered movement for the worker when carrying out work at height.
**3M™ DBI-SALA® Lad-Saf™ Vertical Lifeline System**

**Working Safely at Height**

Every day, workers around the world climb ladders to great heights to get their job done. Working at heights creates danger, and a need for maximum security. A fall can happen at any time and on any structure, during the climb to the top or on the way down.

**The Solution**

The Lad-Saf permanently installed vertical safety system that offers complete fall protection for the worker. It is designed to work with many different styles and lengths of ladders on structures like wind turbines, communication towers, buildings, water towers and more.

The Lad-Saf flexible cable system consists of a top and bottom bracket that act as anchors for a steel cable that runs the length of the climbing area. The Lad-Saf X2 traveller connects the worker to the system, automatically follows the user during the climb and locks onto the cable in the event of a fall, allowing the user to regain their footing.

Designed for ease of use, economy and versatility, optional brackets/designs are available for bolting or welding the system, choose rung clamp sizes/styles, choose systems for connection to wood, concrete or steel structures. Hundreds of different brackets, styles and configurations are available to suit almost any application.

In addition, the versatile system can be used by up to four workers simultaneously for added jobsite flexibility.

**Features**

- Lad-Saf X2 Traveller automatically follows user for hands-free climbing and fall protection
- Accommodates up to 4 workers at one time*
- Customisable to suit almost any application
- Extremely rugged and corrosion resistant steel construction, Galvanised or Stainless Steel options available
- Built-in energy absorber protects user and structure
- Built-in tension indicator assures proper installation

*Depending on configuration of the system.

**Applications**

- Vertical Lifeline Systems

---

**3M™ DBI-SALA® Lad-Saf™ X2 with Zinc Plated steel carabiner**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>6160030</td>
<td>8 mm Galvanised</td>
<td>1.50</td>
</tr>
<tr>
<td>6160047</td>
<td>8 mm Stainless Steel</td>
<td>1.40</td>
</tr>
</tbody>
</table>

**Lad-Saf X2 with Stainless Steel Carabiner**

- Top Bracket 616325 (SS)
- 1 X 19 Cable 616327 (SS)
- 7 X 19 Cable 6126XXX (G)
- Cable Guide 6100400 (SS)
- Bottom Bracket 6100090 (SS)

*with Galvanised Steel Fixing

---

**3M Fall Protection | 1-800-999-5550 | www.3M.com/FallProtection**
3M™ Protecta® Pro™ Harnesses

For many years the Pro Harness Range has brought workers home safely, whatever their job.

The new improved Pro harness design offers the same stringent safety standards but with improved comfort, adjustability, webbing management and functionality. The extensive model range remains as one of the widest in the industry. Whatever your job demands, there is a new Pro harness for you.

Applications

Large Rear D-ring
• Easier to connect, increased safety.
• Can be used for rescue.

Spring Indicators
• Reduces donning time.

Sub Pelvic Strap
• Reduces donning time.

Contrasting Leg & Chest Strap
• Reduces donning time.

Protected Labels
• Protective Velcro® sealed pouch.
• Ensures easy identification and inspection.

Weight Capacity
• 140 kg.

Buckle Options
• Pass Through for simple, safe connection.
• Quick Connect for fast and easily adjustable connection.

Chest Strap
• Optimum position for connection to lanyards and systems.
• Keeps connectors out of the users face.

Spring Loaded Torso Adjusters
• Spring loaded grip bar ensures no webbing slippage.
• Easier to adjust with pull down adjustment.

Webbing Management
• Spare torso webbing stored through hip strap.
• All stitch blocks are away from the body for greater comfort.

Fall Indicators

Protected Labels
• Protective Velcro® sealed pouch.
• Ensures easy identification and inspection.

Weight Capacity
• 140 kg.
The new Pro Welders Harness is specifically designed to resist the potential heat damage experienced in welding applications. Featuring highly durable heat resistant and flame retardant Modacrylic over Kevlar® webbing and a lightweight design providing the ideal body support solution for welding at height.

5 Points of Adjustment
- Ideally adapts to your body.
- Greater comfort and enhanced safety.

Large Rear D Ring
- Easier to connect
- Reduced risk of roll out.

Fall Indicators
- Easy inspection, enhanced safety.

Label Pouch
- Protects identification labels.

Weight Capacity
- 140 kg.

Modacrylic Kevlar® webbing
- Heat resistant and flame retardant.
- 370°C char temperature.

Pass Through Steel Buckles
- Simple, safe and fast connection.
3M™ Protecta® Nylon Transport Bag

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK043</td>
<td>Nylon transport bag.</td>
<td>500 x 300 mm</td>
<td>0.32</td>
</tr>
</tbody>
</table>

Back Pack

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK053</td>
<td>Red and grey back pack.</td>
<td>15 x 30 x 50 cm</td>
<td>0.44</td>
</tr>
</tbody>
</table>

Duffle Bag

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK066</td>
<td>Duffle bag for transport.</td>
<td>35 x 20 x 20 cm</td>
<td>0.52</td>
</tr>
</tbody>
</table>

Tripod Transport Bag

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK010</td>
<td>Transport bag for AM100 Tripod.</td>
<td>1/6</td>
<td></td>
</tr>
</tbody>
</table>

3M™ Protecta® Pro™ Leg Padding

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>9S02120NG</td>
<td>Pack of 2.</td>
<td>U</td>
<td>0.12</td>
</tr>
</tbody>
</table>

3M™ Protecta® Pro™ Harness Shoulder Padding

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK096NG</td>
<td>Removable shoulder padding with lanyard keepers for Pro harness.</td>
<td>40 cm</td>
<td>0.17</td>
</tr>
</tbody>
</table>

Pro Harness Back D-ring Extension Strap

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB011</td>
<td>Back D-ring extension strap-45 mm webbing. Screw gate triangle to attach to harness.</td>
<td>40 cm</td>
<td>0.19</td>
</tr>
</tbody>
</table>

Safety Helmet

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGS80</td>
<td>Ultra-light protective helmet with an extremely comfortable three-point chin strap.</td>
<td>15 x 30 x 50 cm</td>
<td>0.44</td>
</tr>
</tbody>
</table>

3M™ Protecta® Pro-Stretch™ Lanyard

- Built in energy absorber – no bulky shock pack
- Elasticated tube web reduces trip hazard & damage through abrasion
- Identification labels protected from damage or removal
- Activation indicator easily identifies a deployed lanyard
- Tested over a 0.50 mm Radius edge
- Enhanced protection for workers exposed to working over edges
- Two layers of tube webbing offer exceptional product life & durability
- Available with Twist Lock or Triple Lock carabiner body connector for even greater security
- Differentiated from standard Pro-Stretch Lanyard - Edge Tested by orange edging to label pouch and black striped tube webbing
- Various connectors are available depending on the needs of the user ranging from standard carabiners to large opening scaffold hooks

3M™ Protecta® Sanchoc™ Energy Absorber

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AES21</td>
<td>3M™ Protecta® Sanchoc™ Shock Absorbing Lanyard - Tie Back</td>
<td></td>
<td>0.32</td>
</tr>
</tbody>
</table>

3M™ Protecta® Sanchoc™ Shock Absorbing Lanyard - Tie Back

<table>
<thead>
<tr>
<th>Description</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
</table>
3M™ Protecta® Sanchoc™ Webbing Lanyard

- Supple & flexible webbing offers great ease of use
- Highly abrasion resistant 45 mm webbing
- Terminations sewn with high strength polyester thread
- Identification labels protected within transparent shock pack cover
- Wide range of designs and connector options available

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Width</th>
<th>Diameter</th>
<th>Carabiner Width</th>
<th>Carabiner Length</th>
<th>CE Marking</th>
</tr>
</thead>
<tbody>
<tr>
<td>AE529/1</td>
<td>1.5 m</td>
<td>17 mm</td>
<td>17 mm</td>
<td>17 mm</td>
<td>0.73</td>
<td></td>
</tr>
<tr>
<td>AE529/61</td>
<td>1.5 m</td>
<td>17 mm</td>
<td>17 mm</td>
<td>50 mm</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>AE529</td>
<td>2 m</td>
<td>17 mm</td>
<td>17 mm</td>
<td>17 mm</td>
<td>0.77</td>
<td></td>
</tr>
<tr>
<td>AE529/6</td>
<td>2 m</td>
<td>17 mm</td>
<td>17 mm</td>
<td>50 mm</td>
<td>1.08</td>
<td></td>
</tr>
<tr>
<td>AE529E/6</td>
<td>2 m</td>
<td>18 mm</td>
<td>18 mm</td>
<td>50 mm</td>
<td>1.16</td>
<td></td>
</tr>
</tbody>
</table>

3M™ Protecta® Sanchoc™ Kernmantle Rope Lanyard

- 10.50 mm diameter kernmantle rope leg material
- Rope terminations sewn with high strength polyester thread
- Identification labels protected within transparent shock pack cover
- Wide range of designs and connector options available

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Width</th>
<th>Diameter</th>
<th>Carabiner Width</th>
<th>Carabiner Length</th>
<th>CE Marking</th>
</tr>
</thead>
<tbody>
<tr>
<td>AE522/13</td>
<td>1.5 m</td>
<td>19 mm</td>
<td>19 mm</td>
<td>19 mm</td>
<td>0.85</td>
<td></td>
</tr>
<tr>
<td>AE522/15</td>
<td>1.5 m</td>
<td>19 mm</td>
<td>19 mm</td>
<td>50 mm</td>
<td>1.13</td>
<td></td>
</tr>
<tr>
<td>AE522/1</td>
<td>1.5 m</td>
<td>17 mm</td>
<td>17 mm</td>
<td>17 mm</td>
<td>0.77</td>
<td></td>
</tr>
<tr>
<td>AE522/3</td>
<td>2 m</td>
<td>19 mm</td>
<td>19 mm</td>
<td>19 mm</td>
<td>0.88</td>
<td></td>
</tr>
<tr>
<td>AE522/5</td>
<td>2 m</td>
<td>19 mm</td>
<td>19 mm</td>
<td>50 mm</td>
<td>1.16</td>
<td></td>
</tr>
<tr>
<td>AE522/6</td>
<td>2 m</td>
<td>17 mm</td>
<td>17 mm</td>
<td>50 mm</td>
<td>1.10</td>
<td></td>
</tr>
<tr>
<td>AE525</td>
<td>Adj. 2 m</td>
<td>17 mm</td>
<td>17 mm</td>
<td>17 mm</td>
<td>0.86</td>
<td></td>
</tr>
<tr>
<td>AE525/1</td>
<td>Adj. 2 m</td>
<td>17 mm</td>
<td>17 mm</td>
<td>50 mm</td>
<td>1.22</td>
<td></td>
</tr>
<tr>
<td>AE5310RAK</td>
<td>1 m</td>
<td>17 mm</td>
<td>17 mm</td>
<td>50 mm</td>
<td>1.60</td>
<td></td>
</tr>
<tr>
<td>AE532/31</td>
<td>1.30 m</td>
<td>19 mm</td>
<td>19 mm</td>
<td>50 mm</td>
<td>1.74</td>
<td></td>
</tr>
<tr>
<td>AE533/2</td>
<td>1.50 m</td>
<td>17 mm</td>
<td>17 mm</td>
<td>50 mm</td>
<td>0.55</td>
<td></td>
</tr>
<tr>
<td>AE5310RAK</td>
<td>1.80 m</td>
<td>17 mm</td>
<td>17 mm</td>
<td>50 mm</td>
<td>1.60</td>
<td></td>
</tr>
<tr>
<td>AE532/1</td>
<td>1.80 m</td>
<td>19 mm</td>
<td>19 mm</td>
<td>50 mm</td>
<td>1.75</td>
<td></td>
</tr>
<tr>
<td>AE532/3</td>
<td>1.80 m</td>
<td>19 mm</td>
<td>19 mm</td>
<td>50 mm</td>
<td>1.73</td>
<td></td>
</tr>
</tbody>
</table>

3M™ Protecta® Sanchoc™ Kernmantle Rope Edge - Tested Lanyard

- Tested over a 0.50 mm Radius edge
- Enhanced protection for workers exposed to working over edges
- 12.50 mm Kernmantle rope offers exceptional durability and product life
- Available with Twist Lock carabiner body connector for even greater security
- Differentiated from standard Sanchoc kernmantle rope lanyards by Orange colour yarn

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Width</th>
<th>Diameter</th>
<th>Carabiner Width</th>
<th>Carabiner Length</th>
<th>CE Marking</th>
</tr>
</thead>
<tbody>
<tr>
<td>AE5220REK/SE</td>
<td>2 m</td>
<td>19 mm</td>
<td>60 mm</td>
<td>1.25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AE5315REK/SE</td>
<td>1.5 m</td>
<td>19 mm</td>
<td>60 mm</td>
<td>1.80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AE5220RBK/SE</td>
<td>2 m</td>
<td>18 mm</td>
<td>60 mm</td>
<td>1.40</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3M™ Protecta® Work Positioning Lanyard - Trigger

- Braided rope, diameter 10.5 mm.
- All models, except 1200312, have a blue protective cover on the rope. 1200312 has a protective cover on the trigger.

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Diameter</th>
<th>Carabiner Width</th>
<th>Carabiner Length</th>
<th>CE Marking</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200314</td>
<td>Adj. to 2 m</td>
<td>10.5 mm</td>
<td>21 mm</td>
<td>24 mm</td>
<td>0.85</td>
</tr>
<tr>
<td>1200317</td>
<td>Adj. to 3 m</td>
<td>10.5 mm</td>
<td>21 mm</td>
<td>24 mm</td>
<td>0.92</td>
</tr>
<tr>
<td>1200315</td>
<td>Adj. to 4 m</td>
<td>10.5 mm</td>
<td>21 mm</td>
<td>24 mm</td>
<td>0.99</td>
</tr>
</tbody>
</table>
3M™ Protecta® Rope Work Positioning Lanyard - Trigger

Protecta rope connecting lanyards are an ideal solution for the connecting element in a restraint system. Made from polyamide braided rope with safety stitching. Rope diameter 10.50 mm.

<table>
<thead>
<tr>
<th>Style</th>
<th>Length</th>
<th>Connectors</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Length</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL410B</td>
<td>1 m</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0.11</td>
</tr>
<tr>
<td>AL410C</td>
<td>1 m</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0.15</td>
</tr>
<tr>
<td>AL410C2</td>
<td>1 m</td>
<td>2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0.18</td>
</tr>
<tr>
<td>AL415B</td>
<td>1.5 m</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0.15</td>
</tr>
<tr>
<td>AL415C</td>
<td>1.5 m</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0.19</td>
</tr>
<tr>
<td>AL420B</td>
<td>2 m</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0.18</td>
</tr>
<tr>
<td>AL420C</td>
<td>2 m</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0.22</td>
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<td>AL420C1</td>
<td>2 m</td>
<td>1</td>
<td>17 mm</td>
<td>17 mm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0.63</td>
</tr>
<tr>
<td>AL420C2</td>
<td>2 m</td>
<td>1</td>
<td>17 mm</td>
<td>50 mm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0.91</td>
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<tr>
<td>AL4000</td>
<td>1.8 m</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0.23</td>
</tr>
<tr>
<td>AL432</td>
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<td>2</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0.25</td>
</tr>
<tr>
<td>AL432/1</td>
<td>1.3 m</td>
<td>2</td>
<td>17 mm</td>
<td>50 mm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1.39</td>
</tr>
</tbody>
</table>

Manustop Rope work positioning lanyards available in a variety of lengths and connector combinations.

<table>
<thead>
<tr>
<th>Style</th>
<th>Length</th>
<th>Connectors</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF764T2</td>
<td>Adj. 2 m</td>
<td>12 mm</td>
<td>17 mm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1.01</td>
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<tr>
<td>AF795T2</td>
<td>Adj. 2 m</td>
<td>12 mm</td>
<td>50 mm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1.32</td>
</tr>
</tbody>
</table>

Web work positioning 45 mm lanyard, particularly suited to work on posts (wood or concrete). Easy to adjust roll bar buckle, even with one hand. Rigid section to facilitate passing the end of the strap around the pole.

<table>
<thead>
<tr>
<th>Style</th>
<th>Length</th>
<th>Connectors</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF725</td>
<td>2.5 m</td>
<td>-</td>
<td>17 mm</td>
<td>17 mm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0.80</td>
</tr>
</tbody>
</table>

3M™ DBI-SALA® Web Work Positioning Lanyard
3M™ Protecta® Viper™
Vertical Lifeline Rope Grab

- The Viper 2 rope grab is available in 2 variants, AC401 has the addition of a 28 cm extension strap with a self locking carabiner (9509437).
- It’s extremely simple opening system means that the Viper 2 can be attached to the rope or removed from it at any location.
- As soon as the connecting carabiner is put back into place the Viper 2 is locked to ensure safe use.

The Viper 2 is supplied with a kernmantle rope and is available with rope options from 5 to 99 m lengths in increments of 5 m.

**Applications**

Nylon static rope, ø 10.50 mm, with yellow and red wear indicator. Rope end: sewn loop underneath protective sleeve Connector: AJ501, 17 mm opening System breaking strength > 22 kN.

Extension strap for Viper Rope Grab with carabiner 17 mm opening and snap hook 18 mm opening.

**Viper Vertical Lifeline Rope**

| AC4005 | 5 m  | 0.58 |
| AC410  | 10 m | 0.91 |
| AC415  | 15 m | 1.24 |
| AC420  | 20 m | 1.59 |
| AC430  | 30 m | 2.26 |

Vertical fall arrest 140 kg user. Roof top work restraint 100 kg user. Energy absorber for fall arrest applications. Edge Tested Model.

Viper LT Rope

| AC4010 | 10 m  | 1.00 |
| AC4015 | 15 m  | 1.24 |

Kernmantle rope 12.55 mm dia. 25 kN screw gate carabiner, 17 mm opening.
The Cobra rope grab device is available in 3 variants and a variety of different lengths to suit a wide variety of applications. The Cobra locks automatically when it is closed to ensure safe use. Its articulated cam guarantees optimum slide of the rope and locks immediately in the event of a fall. A lever allows you to position the Cobra on the rope by hand, which makes it a fantastic tool for positioning or restraint.

### Applications

**AC202/01**
AJ501 with carabiner 12-14 mm 1.03

**AC202/02**
AJ565 with extension strap and shock pack 12-14 mm 1.65

**AC202/03**
AJ565 with extension strap 12-14 mm 1.11

The Cobra rope grab device is supplied with a twisted strand rope and is available with rope options available in 5 to 50 m lengths in increments of 5 m. The Robe Grab Device is available in 3 variants. AC202/3 includes a 200 mm extension strap and AC202/2 also incorporates a shock absorber with a 25 mm tear pack with an engaging force of 2 kN which reduces the impact force to less than 6 kN.

### Description

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>AC202/01 AJ501 with carabiner</td>
<td>12-14 mm</td>
<td>1.03</td>
</tr>
<tr>
<td>AC202/02 AJ565 with extension strap and shock pack</td>
<td>12-14 mm</td>
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<td>12-14 mm</td>
<td>1.11</td>
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Compact, automatic rope-grab fall arrester mounted onto rope.

### Galvanised Steel Sling

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>AC205</td>
<td>5 m</td>
<td>0.91</td>
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<tr>
<td>AC210</td>
<td>10 m</td>
<td>1.53</td>
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<tr>
<td>AC215</td>
<td>15 m</td>
<td>2.17</td>
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<td>AC220</td>
<td>20 m</td>
<td>2.60</td>
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<tr>
<td>AC225</td>
<td>25 m</td>
<td>3.41</td>
</tr>
<tr>
<td>AC230</td>
<td>30 m</td>
<td>3.50</td>
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</tbody>
</table>

14 mm Twisted 3 strand rope to be used with Cobra device with AJ501 carabiner fixed to one end.

### 3M™ Protecta® First Rope Grab Fall Arrester

**AC2010**
10 m 12 mm 1.20

**AC2015**
15 m 12 mm 1.62

**AC2020**
20 m 12 mm 2.11

**AC2030**
30 m 12 mm 2.89

### 3M™ Protecta® Fixed Anchorage Plate

Mobile Anchor Point for Steel Structures

D-ring Anchorage

Nylon Webbing Sling

### 3M™ Protecta® Cobra™ Vertical Lifeline Rope Grab

- The Cobra rope grab device is available in 3 variants and a variety of different lengths to suit a wide variety of applications.
- The Cobra locks automatically when it is closed to ensure safe use.
- Its articulated cam guarantees optimum slide of the rope and locks immediately in the event of a fall.
- A lever allows you to position the Cobra on the rope by hand, which makes it a fantastic tool for positioning or restraint.

**Applications**

Cobra Vertical Lifeline Rope

**3M™ Protecta® First Rope Grab Fall Arrester**

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<tr>
<td>AC2020</td>
<td>20 m</td>
<td>12 mm</td>
</tr>
<tr>
<td>AC2030</td>
<td>30 m</td>
<td>12 mm</td>
</tr>
</tbody>
</table>

Compact, automatic rope-grab fall arrester mounted onto rope.
Total compliance, absolute confidence.

Rebel SRLs are available with a heavy duty aluminium or a durable lightweight thermoplastic housing, providing an economical fall protection solution without compromising on performance or safety. Integrated ergonomic carrying handle and top swivel connector ensure easy transport and installation. Built-in fall indicator hook allows visual yearly inspection. Rebel Cable blocks meets the latest CE sharp edge certification when used with an extension sling.

**Anchor Swivel**
Allows the block to align with lifeline and avoid any torsion of the cable when the user is working.

**Choice of Housing**
(Thermoplastic or Aluminium)
Durable thermoplastic for lightweight or aluminium for ultimate ruggedized housing allows for job site flexibility.

**Galvanized or Stainless Steel 5 mm Cable**
Larger cable diameter for added strength and safety.

**Side Cable Exit**
Allows best alignment of the cable and minimises cable guide wear.

**140 kg Weight Capacity**
High capacity allows for use by most users and tools ensuring the highest level of safety.

**Ergonomic Carrying Handle**
Allows easier transportation of the block.

**Galvanized or Stainless Steel 5 mm Cable**
Larger cable diameter for added strength and safety.

**Anchor Swivel**
Allows the block to align with lifeline and avoid any torsion of the cable when the user is working.

**Choice of Housing**
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Allows best alignment of the cable and minimises cable guide wear.

**140 kg Weight Capacity**
High capacity allows for use by most users and tools ensuring the highest level of safety.

**Ergonomic Carrying Handle**
Allows easier transportation of the block.

**Ergonomic Cable Bumper**
Allows the block to align with lifeline and avoid any torsion of the cable when the user is working.
These new Retrieval models incorporate fall arrest and a built-in emergency retrieval winch for rescue, making them a versatile solution for many job sites.

- 15 m SRL with rescue winch
- Brackets available for easy tripod integration
- Designed for confined space applications
  - 3590498 - Bracket for AM100 Protecta tripod
  - 3590499 - Bracket for DBI-SALA® tripods KM1PT7 and KM1PT9
- The only SRL that complies to extreme sharp edge (VG11.054, type B, 0 mm radius). Users are now able to tie-off at foot level with the 6 m Leading Edge Rebel without requiring to connect the sharp edge extension sling. This built-in sharp edge product was put through extensive sharp edge testing to ensure absolute protection against sharp, abrasive and leading edges found at construction sites.

- Bracket for AM100 Protecta tripod
- Bracket for DBI-SALA® tripods KM1PT7 and KM1PT9
- Mandatory for Rebel cable blocks to be compliant with the latest horizontal sharp edge requirements VG 11.

**Rebel Cable Leading Edge SRL**

**Rebel Cable Retrieval SRL**

**Rebel Cable SRL - 6 - 15 m**

**Rebel Cable SRL - 20 - 30 m**

**3M™ Protecta® Rebel™ Horizontal Use Extension Sling**

**3M™ Protecta® Rebel™ Cable SRL Cover**

**Rebel Web SRL - 3 m**

**Rebel Web SRL - 6 m**

**Self-Retracting Lifelines**

3M Fall Protection | 00 800 999 55500

www.3M.com/FallProtection
Enables the successive evacuation of multiple persons without loss of time. Evacuates from heights of 5 to 100 m. Galvanised housing and 5 mm galvanised cable with woven sheathing. Speed of descent is self-controlled at 1.2 m/s. Maximum load 136 kg.

The worldwide chosen solution for derrick escapes. An evacuation solution for use on inclined planes, allowing users to escape the hazardous area by moving sideways. Requires a load-bearing cable to be installed and use of the AG300 evacuation carriage. Max. speed of descent: 4 m/sec. With breaking system. For use with Trolmatic.

Designed for rescue purposes in confined spaces. The integrated fixing plate means it can be easily mounted on the AM100 mobile tripod. Its reduction ratio of 4.1:1 means a victim can be rapidly retrieved. N.B. A rescue winch should always be used together with a fall arrest system. Supplied with 2 shoulder straps & 3 injured party retaining straps.
3M™ Protecta® Cabloc™ Vertical Lifeline System consists of an 8 mm cable which is terminated at the top by a cable ferrule and cable clamps at the bottom. The cable is supported at 10 m intervals with intermediate cable guides. Quick and easy to install, you can configure to an existing ladder and/or pylon pole. The Cabloc traveller is lightweight and sits in the palm of your hand. If using a Stainless Steel 8 mm cable (7 x 19) a version incorporating a shock absorber can be used which removes the need for an inline shock absorber. The Cabloc system is easy and quick to install and is available in kit form with all the components required.

Applications

![Diagram of Vertical Lifeline Systems]

- **Top Anchor**
  - Galvanised Steel - 6191035
  - Stainless Steel - 6191032

- **8 mm diameter 7 x 19 Stainless Steel Cable**
  - AC300SXX

- **Traveller**
  - Cabloc Pro Traveller
    - Includes an integrated energy absorber.
    - Does not require a system energy absorber to be installed at the top mounting bracket.
    - Allows for hands free travel over intermediate bypass cable guides.
    - Anti-inversion feature - prevents user from fitting the traveller incorrectly.
    - Rated for 150 kg (user plus tools).
  - Cabloc Pro Traveller with Integrated Energy Absorber
    - 6199998

- **Intermediate Guide**
  - AC320

- **Bottom Anchor**
  - Galvanised Steel - 6191036
  - Stainless Steel - 6191033

- **Intermediate Bypass Cable Guide**
  - Cabloc Pro Vertical Lifeline System
    - Stainless Steel
    - 8 mm Cable 1x19 Stainless Steel
    - 7241072

- **Inline Shock Absorber**
  - AC325

- **8 mm diameter 6 x 19 Galvanised Steel Cable**
  - AC300GXX

- **8 mm diameter 7 x 19 Stainless Steel Cable**
  - AC300SXX