



Fall Protection

Canada 

Meeting standards.

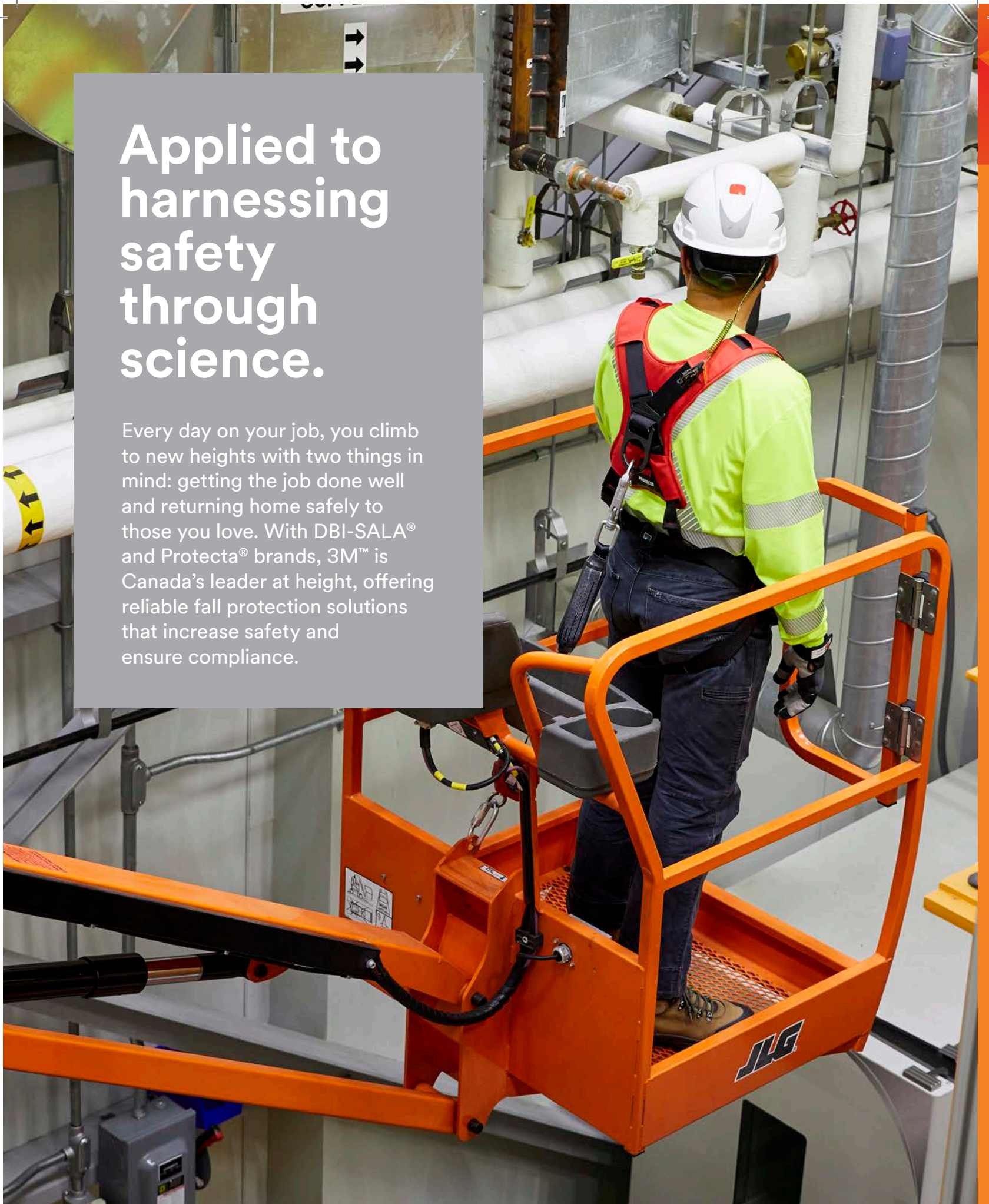
Elevating
expectations.

3M™ Protecta®
Full Line Catalogue
2018



Applied to harnessing safety through science.

Every day on your job, you climb to new heights with two things in mind: getting the job done well and returning home safely to those you love. With DBI-SALA® and Protecta® brands, 3M™ is Canada's leader at height, offering reliable fall protection solutions that increase safety and ensure compliance.



Dependable and compliant fall protection solutions.

3M™ and Protecta® has an impressive history of providing at-height workers with fall protection solutions that are affordable and meet compliance standards. From basic harnesses and lanyards, to more complex, industry-specific anchorage connectors, we offer a wide range of solutions for specialized needs and budgets without compromising on quality. Our fall protection solutions meet, and often exceed, the world’s most stringent standards and codes, as well as local and provincial codes.

Certified and tested.

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

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For product inquiries:
3MFallProtection-ca@mmm.com
800-387-7484
3M.ca/FallProtection

The ABCs of fall protection

The ABCs are an easy way to remember the components of fall protection. “A” stands for Anchorage, “B” is Body support and “C” is the Connection between them. But don’t forget the other important components of a comprehensive fall protection program: “D” for Descent and rescue of a fallen worker and “E” for Education.

A

Anchorage

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 more than a tonne of force generated in a fall.



B

Body support

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

C

Connectors

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





D

Descent and rescue

devices are used to retrieve an injured worker or lower them to the ground.

E

Education

is essential. We deliver fall protection training all over the world, when and where you need it most. We offer a range of industry-leading accredited courses that meet CSA training standards and can be delivered at our facility or yours. Certified Instructor and Train-the-Trainer style programs are also available to ensure you have the tools you need to deliver our accredited programs to your workforce.



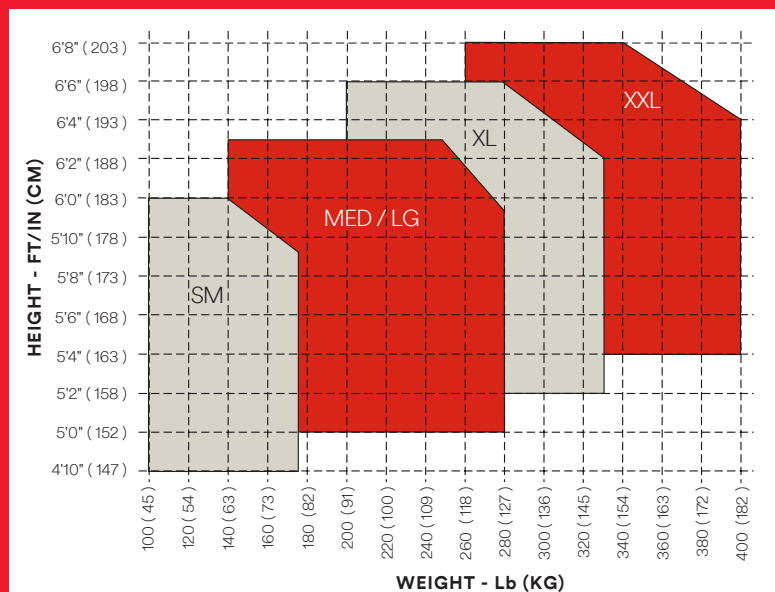


Full-Body Harnesses

Elevated design. Stitched for performance.

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

Harness Sizing Chart



3M™ Protecta® Full-Body Harnesses

1 Comfort padding

Select models feature cushioning on shoulders, back and legs for increased comfort and additional security in a fall.

2 Dorsal D-ring

Make easier connections with the conveniently adjustable D-ring, which is built from high-quality alloy steel for strength and durability.

3 Lanyard keepers

Help prevent accidental entanglements by “parking” lanyards here when not in use.

4 Built-in impact indicator

Simplifies inspection for prior fall events.

5 Spring-loaded torso buckles

Provide fast and easy adjustment on the job.

6 Lightweight hardware

Reduces weight and fatigue. Increases comfort and productivity.

7 Body belt and hip pad

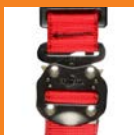
Add lumbar support, positioning capabilities and tool carrying capabilities.

8 Multiple connection points

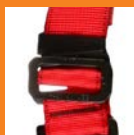
Enhance versatility, allowing harness to be used for many different job site applications.

9 Tongue-buckle legs

Simple, fast and easy adjustment. An excellent choice when more than one worker uses a harness.



Quick-connect buckle



Pass-through buckle

Standards compliance

Meets CSA, OSHA and ANSI standards, including the stringent ANSI Z359.11.



Model shown
1191208C / 1161308C

Full-Body Harnesses

Construction-Style Positioning Harnesses

Construction-Style Positioning Harness

Back and side D-rings, shoulder, hip and back padding, tongue-buckle leg, pass-thru chest connection.

1191208C / 1161308C Small

1191209C / 1161309C Medium/Large

1191210C / 1161310C XLarge



Construction-Style Positioning Harness

Back and side D-rings, shoulder and hip padding, pass-thru leg and chest connection.

1191226C / 1161304C Small

1191227C / 1161305C Medium/Large

1191228C / 1161306C XLarge



Comfort Construction-Style Positioning Harness

Back and side D-rings, back and hip padding, quick-connect leg and chest connection.

1191269C / 1161200C Small

1191270C / 1161201C Medium/Large

1191271C / 1161201C XLarge



Construction-Style Positioning Harness with Comfort Padding

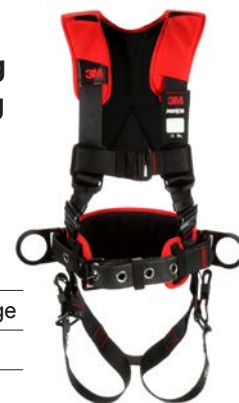
Back D-rings, hip pad and belt with side D-rings, tongue-buckle leg straps and moisture-wicking comfort padding.

1191286C, 1191432C / 1161204C Small

1191287C, 1191433C / 1161205C Medium/Large

1191288C, 1191434C / 1161207C XLarge

1191289C / 1161208C 2XLarge



Vest-Style Harnesses

Comfort Vest-Style Climbing Harness

Back/front D-rings, back padding, tongue-buckle leg, pass-thru chest connection.

1191451C / 1161429C Small

1191437C / 1161430C Medium/Large

1191438C / 1161431C XLarge



Comfort Vest-Style Harness

Back D-ring, quick-connect leg and chest connection.

1191252C / 1161426C Small

1191253C / 1161427C Medium/Large

1191254C / 1161428C XLarge

1191255C / 1161448C 2XLarge



Comfort Vest-Style Positioning Harness

Back and side D-rings, back padding, quick-connect leg and chest connection.

1191259C / 1161400C Small

1191260C / 1161401C Medium/Large

1191261C / 1161402C XLarge



Comfort Vest-Style Harness

Back D-ring, back padding, tongue-buckle leg, pass-thru chest connection.

1191429C / 1161417C Small

1191430C / 1161418C Medium/Large

1191431C / 1161419C XLarge



Vest-Style Positioning Harness

Back/side D-rings, tongue-buckle leg, pass-thru chest connection.

1191245C / 1161531C Small

1191246C / 1161532C Medium/Large

1191247C / 1161533C XLarge



Vest-Style Harness

Back D-ring, tongue-buckle leg, pass-thru chest connection.

1191236C / 1161541C Small

1191237C / 1161542C Medium/Large

1191238C / 1161543C XLarge



Vest-Style Positioning Harness

Back/side D-rings, pass-thru leg and chest connection.

1191204C / 1161559C Small

1191205C / 1161560C Medium/Large

1191206C / 1161561C XLarge



Vest-Style Harness

Back D-ring, pass-thru leg and chest connection.

1191200C / 1161570C Small

1191201C / 1161571C Medium/Large

1191202C / 1161572C XLarge



Full-Body Harnesses

Harnesses for Hot Work Use For Hot Work Use

Vest-Style Harness for Hot Work Use

Back D-ring, Kevlar® fibre webbing, pass-through buckle legs.

1191369C Small

1191379C Medium/Large

1191380C XLarge



Vest-Style Harness for Hot Work Use

Back D-ring, Kevlar® fibre webbing, tongue-buckle legs.

1191371C Small

1191383C Medium/Large

1191384C XLarge



Vest-Style Harness for Hot Work Use

Back and side D-rings, Kevlar® fibre webbing, pass-through buckle legs.

1191370C Small

1191381C Medium/Large

1191382C XLarge



Vest-Style Harness for Hot Work Use

Back and side D-rings, Kevlar® fibre webbing, tongue-buckle legs.

1191372C Small

1191385C Medium/Large

1191386C XLarge



Climbing Harnesses

Vest-Style Climbing Harness

Back/front D-rings, tongue-buckle leg, pass-thru chest connection.

1191272C / 1161520C Small

1191273C / 1161521C Medium/Large

1191274C / 1161522C XLarge



Vest-Style Climbing harness

Back/front D-rings, quick-connect leg and chest connection.

N/A / 1161556C Small

N/A / 1161557C Medium/Large

N/A / 1161558C XLarge



Retrieval Harnesses

Vest-Style Retrieval Harness

Back/shoulder D-rings, tongue-buckle leg, pass-thru chest connection.

1191240C / 1161549C Small

1191241C / 1161550C Medium/Large

1191242C / 1161551C XLarge



Vest-Style Retrieval Harness

Back/shoulder D-rings, pass-thru leg and chest connection.

1191215C / 1161576C Small

1191216C / 1161577C Medium/Large

1191217C / 1161578C XLarge



Full-Body Harnesses

Harness Accessories

Equipment Bag AK048A

Compact harness/lanyard bag, 33 cm x 30 cm (13 in x 12 in).



Equipment Bag AK066A

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



Body Belt

Tongue buckle belt with hip pad and side D-rings.

1091013 Small

1091014 Medium/Large

1091015 XLarge



D-Ring Extender 1385000C

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





Shock-Absorbing Lanyards

Economical solutions for reliable fall protection.

Compliance and confidence, all at an economical price. 3M™ Protecta® Shock-Absorbing Lanyards are trusted by workers in a wide variety of industries. They feature 3,600 lb gated hooks, durable lanyard material construction and plated alloy steel hardware for strength and corrosion resistance. All of our shock-absorbing lanyards meet or exceed rigorous current CSA standards, reference CSA Z259.11.

3M™ Protecta® Shock-Absorbing Lanyards

1 Reduced impact forces

Built-in energy absorber helps limit fall arresting forces to meet or exceed rigorous current CSA standards, reference CSA Z259.11.

2 High strength and capacity

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

3 3,600 lb gated hooks

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

4 Tough webbing

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

5 Impact indicator

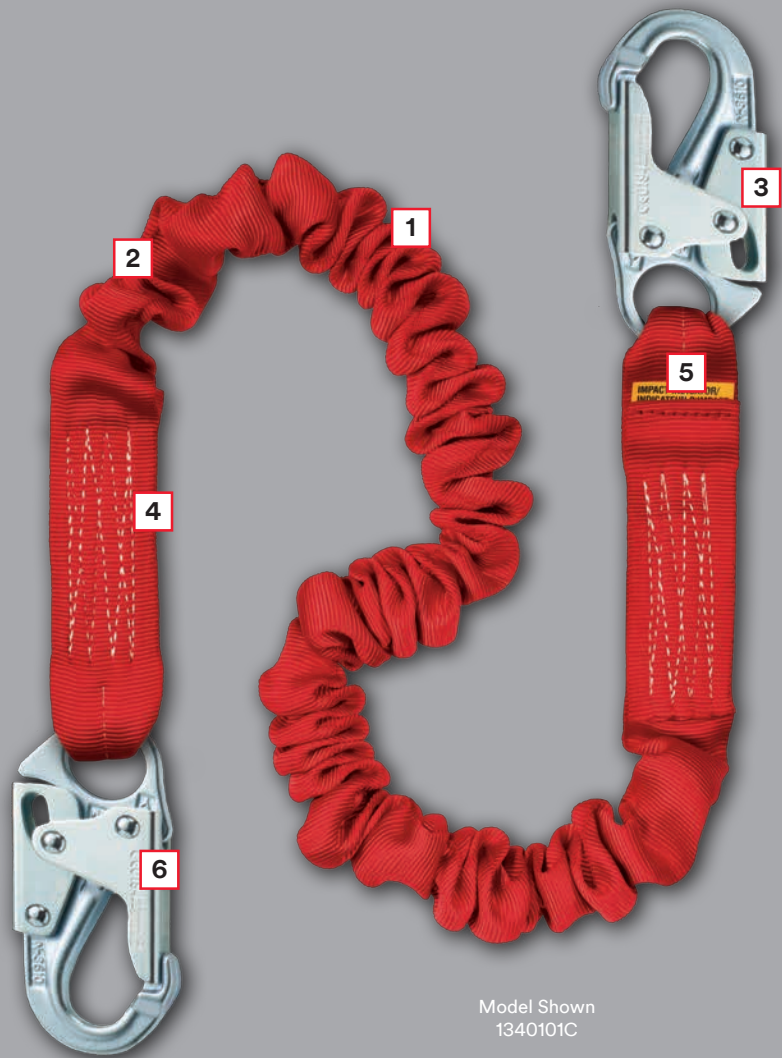
Simplifies inspection for prior fall events.

6 Durable hardware

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

Various styles and lengths

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



Model Shown
1340101C

Shock-Absorbing Lanyards

Hook options



Standard hook with 19 mm (3/4 in) gate opening

16 kN (3,600 lb) gate strength.



Flat steel rebar hook with 57 mm (2-1/4 in) gate opening

16 kN (3,600 lb) gate strength.



Tie-back carabiner with 19 mm (3/4 in) gate opening

22 kN (5,000 lb) gate strength.

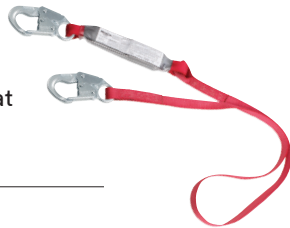
Shock-Absorbing Lanyards

E4/E6 Combo Lanyards

E4/E6 Combo Lanyard 1340133C

Single-leg with snap hook and flat steel rebar hook x 1.8 m (6 ft)

1340134C 1.2 m (4 ft) length

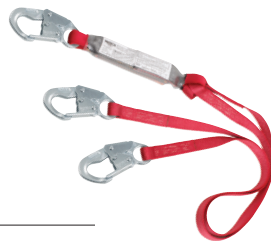


100% Tie Off E4/E6 Combo Lanyard

1340135C

Double-leg with snap hooks at each end x 1.8 m (6 ft)

1340136C 1.2 m (4 ft) length



Energy Absorber Classification Details				
CSA Class	Maximum Arresting Force	Maximum Elongation	Minimum Mass of Worker	Maximum Mass of Worker
E4	4.0 kN (900 lb)	1.2 m (3.9 ft)	45 kg (100 lb)	115 kg (254 lb)
E6	6.0 kN (1300 lb)	1.75 m (5.7 ft)	90 kg (200 lb)	175 kg (386 lb)

100% Tie Off E4/E6 Combo Lanyard

1340137C

Double-leg with snap hook and flat steel rebar hooks at leg ends x 1.8 m (6 ft)

1340138C 1.2 m (4 ft) length



Shock-Absorbing Lanyards

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

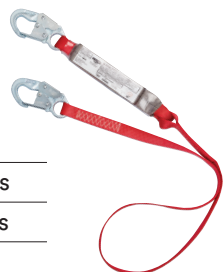
Shock-Absorbing Lanyard E4 1341001C

Single-leg with snap hooks at each end x 1.8 m (6 ft)

1341004C 1.2 m (4 ft) length

1361001C 1.8 m (6 ft) length, E6 Class

1361004C 1.2 m (4 ft) length, E6 Class

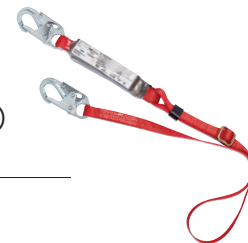


Adjustable Shock-Absorbing Lanyard E4

1341050C

Single-leg, adjustable in length, snap hooks at each end x 1.8 m (6 ft)

1341051C 1.2 m (4 ft) length



Shock-Absorbing Lanyard E4 1340125C

Single-leg with snap hook and flat steel rebar hook x 1.8 m (6 ft)

1341006C 1.2 m (4 ft) length

1360125C 1.8 m (6 ft) length, E6 Class

1361006C 1.2 m (4 ft) length, E6 Class



Twin-Leg Shock-Absorbing Lanyard E4

1342001C

Double-leg for 100% tie-off with snap hooks at each end x 1.8 m (6 ft)

1342002C 1.2 m (4 ft) length

1362001C 1.8 m (6 ft) length, E6 Class

1362002C 1.2 m (4 ft) length, E6 Class



Twin-Leg Shock-Absorbing Lanyard E4

1342250C

Double-leg for 100% tie-off, adjustable length, snap hooks at each end x 1.8 m (6 ft)

1362205C 1.8 m (6 ft) length, E6 Class



Twin-Leg Shock-Absorbing Lanyard E4

1340180C

Double-leg for 100% tie-off with snap hook and flat steel rebar hooks at leg ends x 1.8 m (6 ft)

1340182C 1.2 m (4 ft) length

1360180C 1.8 m (6 ft) length, E6 Class

1360182C 1.2 m (4 ft) length, E6 Class



Cable Shock-Absorbing Lanyard E4

1340402C

Single-leg with self-locking snap hooks x 1.8 m (6 ft)

1360401C 1.8 m (6 ft) length, E6 Class



Twin-Leg Cable Shock-Absorbing Lanyard E4

1340451C

Double-leg for 100% tie-off with self-locking snap hooks x 1.8 m (6 ft)

1360541C 1.8 m (6 ft) length, E6 Class



Rope Shock-Absorbing Lanyard E4

1340701C

Single-leg with snap hooks at each end x 1.8 m (6 ft)



Twin-Leg Rope Shock-Absorbing Lanyard E4

1340751C

Double-leg for 100% tie-off with snap hooks at each end x 1.8 m (6 ft)



Shock-Absorbing Lanyards

Lanyards for Hot Work Use



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

Shock-Absorbing Lanyard for Hot Work Use

1340128C

Single-leg with Kevlar® fibre webbing and shock pack, snap hook at one end, steel rebar hook at other end x 1.8 m (6 ft)

1340132C 1.2 m (4 ft) length



Shock-Absorbing Lanyard for Hot Work Use

1340129C

Single-leg with Kevlar® fibre webbing and shock pack, snap hooks at each end x 1.8 m (6 ft)

1340131C 1.2 m (4 ft) length

C 1.2 m (4 ft) length, E6 Class



Twin-Leg Shock-Absorbing Lanyard for Hot Work Use

1340185C

Double-leg for 100% tie-off with Kevlar® fibre webbing and shock pack, flat steel rebar hooks at each end x 1.8 m (6 ft)

1340186C 1.2 m (4 ft) length

1360186C 1.8 m (6 ft) length, E6 Class

1340186C 1.2 m (4 ft) length, E4 Class



Twin-Leg Shock-Absorbing Lanyard for Hot Work Use

1340187C

Double-leg for 100% tie-off with Kevlar® fibre webbing and shock pack, snap hooks at each end x 1.8 m (6 ft)

1340186C 1.2 m (4 ft) length



Shock-Absorbing Lanyards

Tie-Back Shock-Absorbing Lanyards

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

Tie-Back Shock-Absorbing Lanyard 1340200C

Single-leg with floating D-ring for tie-back and snap hooks x 1.8 m (6 ft)



Tie-Back Shock-Absorbing Lanyard 1340040C

Single-leg with 22 kN (5,000 lb) carabiner for tie-back and snap hook x 1.8 m (6 ft)



Twin-Leg Tie-Back Shock-Absorbing Lanyard 1342200C

Double-leg for 100% tie-off with floating D-rings for tie-back and snap hooks x 1.8 m (6 ft)



Twin-Leg Tie-Back Shock-Absorbing Lanyard 1340060C

Double-leg for 100% tie-off with 22 kN (5,000 lb) carabiners at leg ends for tie-back and snap hook x 1.8 m (6 ft)



Tubular Web Lanyards

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

Tubular Web Shock-Absorbing Lanyard 1340220

Single-leg with self-locking snap hooks at each end x 1.8 m (6 ft)
1340221C 1.2 m (4 ft) length



Tubular Web Shock-Absorbing Lanyard 1340230

Single-leg with self-locking snap hook and flat steel rebar hook x 1.8 m (6 ft)
1340223C 1.2 m (4 ft) length



Twin-Leg Tubular Web Shock-Absorbing Lanyard 1340240

Double-leg for 100% tie-off with self-locking snap hooks at each end x 1.8 m (6 ft)
1340225C 1.2 m (4 ft) length



Twin-Leg Tubular Web Shock-Absorbing Lanyard 1340250

Double-leg for 100% tie-off with self-locking snap hook and flat steel rebar hooks at leg ends x 1.8 m (6 ft)
1340226C 1.2 m (4 ft) length





Elastic Shock-Absorbing Lanyards

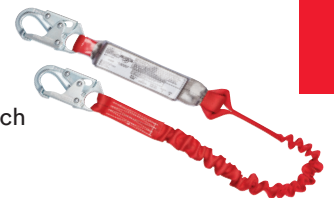
These lanyards combine the pack-style energy absorber with stretch capabilities, expanding to 1.8 m (6 ft) and contracting to 1.4 m (4-1/2 ft). That means optimal mobility while otherwise staying out of the way. The 16 kN (3,600 lb) gated hooks and an energy absorber design limit fall arresting forces.

Shock-Absorbing Lanyards

Elastic Shock-Absorbing Lanyard 1341101

Single-leg with snap hooks at each end x 1.8 m (6 ft)

1341102 1.2 m (4 ft) length



Twin-Leg Elastic Shock-Absorbing Lanyard 1342125C

Double-leg for 100% tie-off with snap hook and flat steel rebar hooks at leg ends x 1.8 m (6 ft)



Twin-Leg Elastic Shock-Absorbing Lanyard 1342101

Double-leg for 100% tie-off with snap hooks at each end x 1.8 m (6 ft)



Shock-Absorbing Lanyards

Positioning Lanyards

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

Web Rebar Assembly 1351050C

With snap hooks and flat steel rebar hook at center x 56 cm (22 in)



Adjustable Web Positioning Lanyard 1385301C

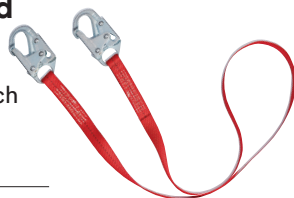
Single-leg, adjustable length from 4.5-6 ft with snap hooks at each end x 1.8 m (6 ft)



Web Positioning Lanyard 1385101C

Single-leg with snap hooks at each end x 1.8 m (6 ft)

1385102 0.9 m (3 ft) length



Rope Positioning Lanyard 1385501C

Single-leg with snap hooks at each end x 1.8 m (6 ft)



Lanyard Accessories

Shock Absorber 1340260C

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



D-Ring Extension 1385000C

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





Shock-Absorbing Lanyards



Self-Retracting Lifelines



The connection between convenience and confidence.

Enhance convenience. Maintain confidence. 3M™ Protecta® Self-Retracting Lifelines (SRL) are an economical fall protection solution that allow you to do both. From six feet, all the way up to 100 feet long, Protecta® SRLs help maximize the productivity of your crew on a variety of job sites. Meets CSA standard Z59.2.2.

3M™ Protecta® Personal Self-Retracting Lifelines

- 1

Swiveling top anchor

Helps prevent lifeline twisting and reduces wear on web lifeline.
- 2

Triple action carabiner

Simplifies connection to anchor point or harness.
- 3

Impact resistant

Thermoplastic housing is lightweight, compact and durable.
- 4

Heat-shrunk

Clear PVC coating over EVA foam label on shock pack improves durability.
- 5

High strength webbing



Designed to accommodate users up to 140 kg (310 lb)
- 6

Fully compliant

Self-locking snap hook meets CSA and ANSI Standards with a 16 kN (3,600 lb) rated gate.



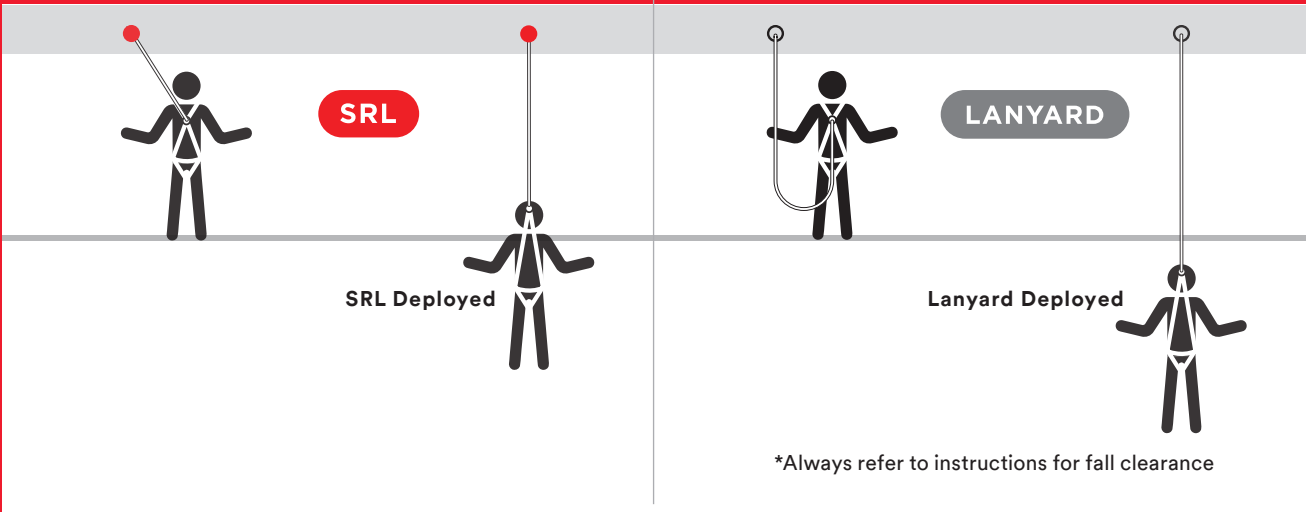
Product selection guide

Single-leg	Twin-leg
	
3100409 1.8 m (6 ft) of 2.5 cm (1 in) polyester web with steel snap hook, swiveling anchorage and carabiner.	3100415 1.8 m (6 ft) twin-leg with 2.5 cm (1 in) polyester web and steel snap hooks, quick connector for harness mounting.
3100410 1.8 m (6 ft) of 2.5 cm (1 in) polyester web with steel swiveling snap hook, swiveling anchorage and carabiner.	3100416 1.8 m (6 ft) twin-leg with 2.5 cm (1 in) polyester web and steel swiveling snap hooks, quick connector for harness mounting.
3100411 1.8 m (6 ft) of 2.5 cm (1 in) polyester web with steel rebar hook, swiveling anchorage and carabiner.	3100417 1.8 m (6 ft) twin-leg with 2.5 cm (1 in) polyester web and steel rebar hooks, quick connector for harness mounting.

Model shown
3100409

Self-Retracting Lifelines

Example fall clearance requirements of our 6 ft SRL vs. lanyard of similar length when tied off over head



Self-Retracting Lifelines

How to choose the right SRL

1. Anchor location

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

2. Lifeline material

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


3. Length

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

4. Hook options

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

Product selection guide

Lifeline Material																					
	Thermoplastic Housing	Aluminum Housing	Stackable	Impact Indicator	Swiveling Anchorage	Self-Locking Snap Hook	Rebar Hook	Swiveling Hook	Leading Edge	Twin-Leg	140 kg (310 lb) Weight Capacity	190 kg (420 lb) Weight Capacity	1.8 m (6 ft)	3 m (10 ft)	4.5 m (15 ft)	6 m (20 ft)	10 m (33 ft)	15 m (50 ft)	20 m (66 ft)	26 m (85 ft)	30 m (100 ft)
Galvanized cable	■				■	■		■			■			3590017	3590022						
	■				■	■					■				3590021						
	■		■	■	■	■		■				■				3590518	3590502	3590552	3590592	3590632	3590672
		■	■	■	■	■		■			■					3590524	3590512	3590562	3590602	3590642	3590682
	■		■	■	■	■		■	■		■					3590541					
	■				■	■	■				■				3590023						
SS cable	■		■	■	■	■		■				■				3590519	3590503	3590553	3590593	3590633	3590673
		■	■	■	■	■		■				■				3590529	3590513	3590563	3590603	3590643	3590683
Web	■				■	■					■		3100409	3100428		3100434					
	■				■	■		■			■		3100410	3100429		3100435					
	■				■	■	■				■		3100411	3100430		3100436					
	■				■	■				■	■		3100415								
	■				■	■		■		■	■		3100416								
	■				■	■	■			■	■		3100417								



See Pages 38-39 Confined Space & Rescue Section for Rebel™ 3-Way SRLs with Built-In Emergency Retrieval

Self-Retracting Lifelines

6.1 m (20 ft) SRL

3100435

2.5 cm (1 in) polyester web with steel swiveling snap hook, swiveling anchorage and carabiner.



4.5 m (15 ft) SRL

3590022

5 mm (3/16 in) galvanized steel wire rope with steel swiveling snap hook, swiveling anchorage and carabiner.



3 m (10 ft) SRL

3100428

2.5 cm (1 in) polyester web with steel snap hook, swiveling anchorage and carabiner.



3 m (10 ft) SRL

3100429

2.5 cm (1 in) polyester web with steel swiveling snap hook, swiveling anchorage and carabiner.



3 m (10 ft) SRL

3100430

2.5 cm (1 in) polyester web with steel rebar hook, swiveling anchorage and carabiner.



Self-Retracting Lifelines

3M™ Protecta® Rebel™ Leading Edge Self-Retracting Lifelines

Now tie off at foot level with the 6.1 m, 10 m, 15.2 m and 20.1 m (20 ft, 33 ft, 50 ft, and 66 ft) Rebel™ Leading Edge Self-Retracting Lifelines. We've expanded our product line to better meet your job site needs. These CSA compliant products are put through extensive sharp-edge testing to ensure protection against sharp, abrasive and leading edges found at construction sites.

1 Swiveling top anchor

Helps prevent lifeline twisting and reduces wear on web lifeline.

2 Triple action carabiner

Simplifies connection to anchor point or harness.

3 Impact resistant

Thermoplastic housing is lightweight, compact and durable.

4 Ergonomic Carrying Handle

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

5 Wire Rope

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

6 Energy Absorber

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



Model shown
3590544

*Before use ensure adequate clearance to the first obstruction is available. Read instruction manual for details.

Leading Edge Self-Retracting Lifelines

Rebel™ Self Retracting Lifeline – Leading Edge 3590541

6.1 m (20 ft) of 5.5 mm (7/32 in) galvanized steel wire rope with swivel snap hook and in-line energy absorber for leading edges.



Rebel™ Self Retracting Lifeline – Leading Edge 3590544

10 m (33 ft) of 5.5 mm (7/32 in) galvanized steel wire rope with swivel snap hook and in-line energy absorber for leading edges.



Rebel™ Self Retracting Lifeline – Leading Edge 3590547

15.2 m (50 ft) of 5.5 mm (7/32 in) galvanized steel wire rope with swivel snap hook and in-line energy absorber for leading edges.



Rebel™ Self Retracting Lifeline – Leading Edge 3590549

20.1 m (66 ft) of 5.5 mm (7/32 in) galvanized steel wire rope with swivel snap hook and in-line energy absorber for leading edges.



Self-Retracting Lifelines

Self-Retracting Lifeline Covers

Self-Retracting Lifeline Cover 3590010

Vinyl cover with hook and loop closure, for use with 6.1-10 m (20-33 ft) standard cable and 6.1 m (20 ft) leading-edge models.

Self-Retracting Lifeline Cover 3590011

Vinyl cover with hook and loop closure, for use with 15.2 m (50 ft) standard cable and 10 m (33 ft) leading-edge models.

Self-Retracting Lifeline Cover 3590012

Vinyl cover with hook and loop closure, for use with 20.1-30.4 m (66-100 ft) standard cable and 15.2-20.1 m (50-66 ft) leading-edge models.





Vertical & Horizontal Systems

Reliable safety and freedom to work.



Safety. Productivity. 3M™ Protecta® Vertical and Horizontal Lifeline Systems are built to deliver both. Workers across a wide variety of industries trust our systems to keep them safe and complement their work. Meets applicable CSA standards.

Synthetic Horizontal Lifeline (HLL) System

1200101

Lightweight, easy-to-install, disassemble and transport.

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

1200105 Synthetic HLL System with carrying bag (no tie-off adaptors) x 18 m (60 ft)



Vertical and Horizontal Systems

Rope Grabs

Meet CSA Z259.5-12 requirements

Rope Grab (Auto)

AC202C

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



Rope Grab (Auto)

AC202C-SA2

- Mobile design automatically follows user for hands-free operation
- Parking feature allows user to fix unit in place for positioning or restraint
- Detachable design allows for attachment or removal anywhere along lifeline
- For use on 16 mm (5/8 in) rope lifeline
- Includes 0.6 m (2 ft) shock absorbing lanyard



AC202C-SA3 As above. Complete with a 0.75 m (2-1/2 ft) shock absorbing lanyard.

Rope Grab (Auto)

5000003C

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



Rope Grab (Auto)

5000009

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

*Getting set to meet CSA Z259.2.5-17
Contact us to learn more about what
will change and which products will
be available.*

Lifelines

How to choose the right lifeline

1. **Polyester kernmantle rope** provides UV resistance, long-term wear, and minimal stretch making it a good choice in abrasive environments.
2. **Copolymer rope** is a polyester/polypropylene blended rope that is lightweight, chemical resistant and economical for locations where risk of loss is a factor.

Lifeline – Kernmantle

ALL422-50

15 m (50 ft), 16 mm (5/8 in) polyester kernmantle rope with snap hook.

ALL422-25 7.6 m (25 ft), 16 mm (5/8 in) polyester kernmantle rope with snap hook.

ALL422-100 30 m (100 ft), 16 mm (5/8 in) polyester kernmantle rope with snap hook.



Lifeline – Polyester/Polypropylene

SSR100-50

15 m (50 ft), 16 mm (5/8 in) copolymer rope with snap hook.

SSR100-25 7.6 m (25 ft), 16 mm (5/8 in) copolymer rope with snap hook.

SSR100-100 30 m (100 ft), 16 mm (5/8 in) copolymer rope with snap hook.





Anchorage Connectors

Secure connections in all kinds of environments.

Specific job sites call for unique anchorage connectors. That's why we developed a complete line, all rigorously tested to meet OSHA and ANSI standards, as well as the new CSA standard due in 2018. These connectors support loads of 22 kN (5,000 lb) per worker, helping to anchor your personal fall arrest system to the main structure—whether it's concrete, wood, steel or something else.

Multi-Purpose Anchorage Connectors

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

Web Tie-Off Adaptor 5900578

Pass-through design makes attaching to anchorage quick and easy. 4.4 cm (1-3/4 in) polyester strength member with 7.6 cm (3 in). wide polyester wear pad x 1.8 m (6 ft).

5900578 Web tie-off adaptor x 1.8 m (6 ft)

5900577 Web tie-off adaptor x 0.9 m (3 ft) with web loop and D-ring pass-thru



Cable Anchorage Extension AJ408CG-6

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

AJ47406-6 Cable tie off adaptor with two O-rings

Cable Dual Ring Tie-Off Adaptor 2190102C

6.4 mm galvanized cable dual-ring tie-off adaptor, carabiner at one end, two D-rings at the other x 1.8 m (6 ft).

2190100C 0.9 m (3 ft) Adaptor

2190101C 1.2 m (4 ft) Adaptor

2190110C 0.9 m (3 ft) Adaptor with Flemish eye termination

2190111C 1.2 m (4 ft) Adaptor Flemish eye termination

2190112C 1.8 m (6 ft) Adaptor Flemish eye termination



Carabiner 2000112

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

2000117 With roll pin, 1.75 cm (11/16 in) opening

2000114 With 5.56 cm (2-3/16 in) opening



Anchorage Connectors

Steel Anchorage Connectors

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

Sliding Beam Anchor 2104703

Provides a high-strength anchorage point that follows you while you work. Once secured to the beam using the integrated adjustment buttons, simply connect the Self-Retracting Lifeline (SRL) or lanyard to the rotating D-ring.



Sliding Rail Anchor 2199938

Provides mobile anchor point on 7 cm-8.25 cm (2-3/4 in-3-1/4 in) wide rails. Incorporates stainless steel construction and special 22 kN (5,000 lb) gate rated carabiner.

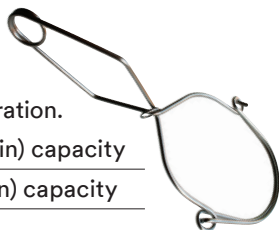


Hand Grip AJ301A

5 cm (2 in) capacity. One hand operation.

AJ302A Hand grip with 7.6 cm (3 in) capacity

AJ303A Hand grip with 10 cm (4 in) capacity



Eyebolt Anchor – Unthreaded 9504674

Forged steel construction with zinc plating for 1.6 cm (5/8 in) diameter holes. Fasteners not included.

AN3732A-34 Eyebolt anchor with 1.9 cm (3/4 in) hole



Eyebolt Anchor – Threaded AN112C

Forged steel construction with zinc plating, 1.3 × 3.5 cm (1/2 in x 1-3/8 in) mounting bolt, 7 cm (2-3/4 in) ID horizontal anchor area and 3.5 cm (1-3/8 in) ID vertical anchor area.



Concrete Anchorage Connectors

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

Concrete Anchor Strap 2190057

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

2190058 With D-Ring x 1.2 m (4 ft) – Pack of 25

2190063 Without D-Ring x 1 m (3-1/2 ft) – Pack of 25



Concrete D-Ring Anchor 2190055

Simple, versatile concrete anchor for temporary or permanent applications. Extremely rugged design for extended life and job site flexibility.

2190060 With 6 bolts



Reusable Wedge Anchor 2190053

A portable, easy-to-use concrete anchor for vertical walls or overhead ceilings.



Continuous Concrete Insert Anchor AN220A

Creates a mobile anchor in standard strut material. Stainless steel plates with steel carabiner. Accommodates 4.1 cm (1-5/8 in) wide strut material.



Concrete Anchor Plate AJ720A

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



Roof Anchors

Create a secure anchor point on a variety of roof designs without damaging the structure. Our complete array of anchorage devices for sloped wood and flat commercial steel roofs can help you create the fall protection solution that's right for your application.

Portable Reusable Roof Anchor 2104000

For use on flat or sloped wood roofs. Installs with 20 ea. 16d nails. Simple hinge-style design is extremely easy to transport, install, dismantle and store.



Knock-Down Disposable Roof Anchor Kit 2103680

Simply nail into sheathing and roof member. When job is complete, knock down or shingle over. Kit contains 12 anchors and nails.



Permanent Ridge Roof Anchor 2103678C

Installs with nails at the roof ridge. Shingle over, leaving only the D-ring exposed. Provides fall protection during initial construction as well as for future homeowner.



Metal/Wood Swiveling Roof Anchor 2199070

Installs to Sloped or Flat Wood and Metal Decking Roofs. Anchor can be installed to a variety of roofing materials to provide a tie-off point. Fast&Easy Installation. Fastener kit included—16 ea. 1/4-14 x 2-1/2 self-tapping screws for steel installation and 8 1/4 x 2-1/2 lag screws for wood. Portable and Reusable. Anchor can be removed and reinstalled. 360-degree Swiveling. Maximizes mobility.



Standing Seam Swiveling Roof Anchor 2190072

Installs to Flat or Sloped Standing Seam Roofs. System clamps to standing seams without special tools, anchorage point for an SRL. Non-Penetrating Design. Four seam clamps allows for quick attachment without damaging the roof. Adjustable Legs fit 12, 24, 30, 32 and 36 in. seam spacing. Simple bolt style adjustable legs allow the system to be used a variety of seam spacing. Portable and Reusable. Anchor can be removed and reinstalled.





Fall Protection Kits

**Fall protection
and compliance,
all in one
convenient kit.**



Anchorage. Body support. Connectors. We've pioneered the easiest way to get the ABCs of fall protection in one container. The success of the original "can" spawned the creation of several variations with different anchorage devices. Each kit offers a complete setup for convenient CSA and OSHA compliance and enhanced safety on the job. See page 4 to learn more about the ABCs of fall protection.

A

Anchorage
Device

2199938



C

Connectors

1340125C 1.8 m (6 ft)
1341006C 1.2 m (4 ft)

B

Body Support



AB17530C



1191201C / 1161571C



1191253C / 1161427C



AC203C-SA2

1341001C 1.8 m (6 ft)
1341004C 1.2 m (4 ft)

SSR100-50



3M™ Protecta® Fall Protection Kits

For residential roofing and similar applications.

CIAC SKU	Harnesses		Connectors	Anchors	Lifeline
	1191532C	AB17550C	6000784C	2104001	6000785C
2199910	■		■	■	■
2199914		■	■	■	■

CIAC SKU	Harnesses			Connectors					Anchors	Lifeline
	1191201C	AB17530C	1191253C	AC203C-SA2	1341001C	1341004C	1340125C	1341006C	2199938	SSR100-50
2199820	■				■					
2199821	■					■				
2199822	■						■			
2199823	■							■		
2199824*		■			■					
2199825	■			■					■	■
1160015**	■				■					
1160016**			■				■			

*In a cardboard box, not a bucket. **Includes a Protecta® carrying bag, not a bucket.



2199910



2199820



2199825

Fall Protection Kits



Confined Space and Rescue

A full-page photograph shows a worker in a blue hard hat, safety glasses, and a high-visibility yellow-green shirt. He is wearing a black safety harness and is operating a red manual winch attached to a silver aluminum tripod. The tripod is set up on a metal platform. In the lower right, another worker in a yellow hard hat and safety harness is visible, looking down. The background is a white industrial structure.

Reliable rescue where you need it.

Portability and ease of use. They are two critical factors for worker safety in confined spaces and rescue situations. That's why 3M™ Protecta® Tripods are built from lightweight aluminum. They're easily transported from one location to another and can be set up by one worker. Attach your fall protection equipment and you're ready to go. Built to meet CSA, OSHA and ANSI standards.

3M™ Protecta® Confined Space and Rescue

Confined Space and Rescue

1 Leg locks

Built into head to ensure legs stay locked in place.

2 Aluminum construction

Lightweight yet durable construction for ease of use and longevity.

3 Built-in anchor points

Four eyebolts offer secondary anchor points for a fall arrest system.

4 Pulley (Optional)

Routes winch/SRL lifeline over opening for smooth operation.

5 Mechanical devices (Optional)

Supports winches or SRLs for enhanced versatility. Not required if using AK205 Winches.

6 Adjustable locking legs

Fast and easy detent pin-style adjustment allows for precise height setting.

7 Foot pads

Skid-resistant treadplate soles on feet.

8 Safety chain

Strengthens support for demanding confined space applications.



Confined Space Rescue

Confined Space Components

Confined Space Tripod

AK105A

- 2.4 m (8 ft) height
- 22 kN (5,000 lb) 1-man rated
- Fast and simple installation
- Anodized epoxy coated aluminum



Bracket Set

3590498

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



Pulley with Carabiner

AK020A1

- Routes winch/SRL lifeline
- Anodized aluminum construction
- Pivoting sheave pulley guide
- Includes carabiner



AK020A Without carabiner

Confined Space Winch

AK205CG

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



AK205CT With 15 m (50 ft) fibre rope lifeline

3-Way Self-Retracting Lifeline

3591008

- 15 m (50 ft) galvanized cable
- 140 kg (310 lb) man rated capacity
- Fast and simple installation
- Fall arrest device with built-in emergency retrieval winch
- Models available with mounting brackets (or separately)



Additional Lifeline Lengths

	SS	Galv
9 m (30 ft)	AK203CS	AK203CG
15 m (50 ft)	AK205CS	AK205CG
18 m (60 ft)	AK206CS	AK206CG
23 m (75 ft)	AK207CS	AK207CG
33.5 m (110 ft)	AK210CS	AK210CG

	15 m (50 ft)	15 m (50 ft) with bracket
SS	3591009	3591011
Galv	3591008	3591010

Confined Space Systems

Kit SKU	Tripod AK105A	3-Way SRL 15 m (50 ft) Galv 3591008	3-Way SRL 15 m (50 ft) SS 3591009	SRL 15 m (50 ft) Galv 3590552	Bracket Set 3590498	Pulley/Carabiner AK020A1	Tripod Bag AK067A	Winch AK205CG	Harness 1191201C
8308009	■	■			■	■	■		
8308010	■		■		■	■	■		
8308051	■			■				■	■
8308052	■			■				■	
8308053	■			■			■	■	■

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3M Fall Protection
Personal Safety Division
260 Export Blvd
Mississauga, ON L5S 1Y9
Canada

Phone 1 800 387-7484
Email 3MFallProtection-CA@mmm.com
Web 3M.ca/FallProtection

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