



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 jobsites.

# Protecta® Rebel™ Leading Edge Self-Retracting Lifelines

## Lightweight, Durable and Affordable

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

Part #	3590540	3590543	3590546	3590548
Cable Length	20 ft.	33 ft.	50 ft.	66 ft.
L x W x H	42" x 10" x 4.5"	42" x 11" x 4.5"	46" x 13" x 5.5"	46" x 13" x 5.5"
Weight	17 lbs	19 lbs	25 lbs	26 lbs
*Cover Part #	3590010	3590011	3590012	3590012



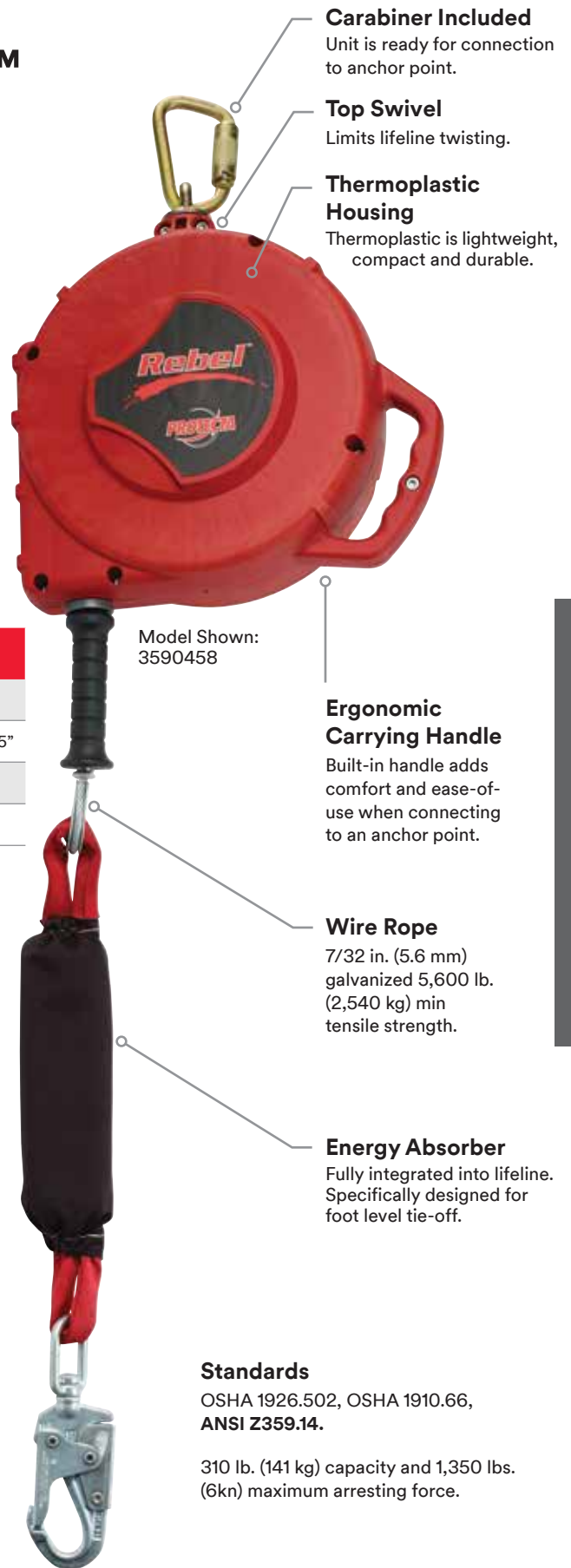
Model  
3590540



Model  
3590543



Model  
3590546



**Carabiner Included**  
Unit is ready for connection to anchor point.

**Top Swivel**  
Limits lifeline twisting.

**Thermoplastic Housing**  
Thermoplastic is lightweight, compact and durable.

Model Shown:  
3590458

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

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

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

### Standards

OSHA 1926.502, OSHA 1910.66, ANSI Z359.14.

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

All solutions adhere to ANSI Z359.14 leading and sharp edge requirements.

# 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.

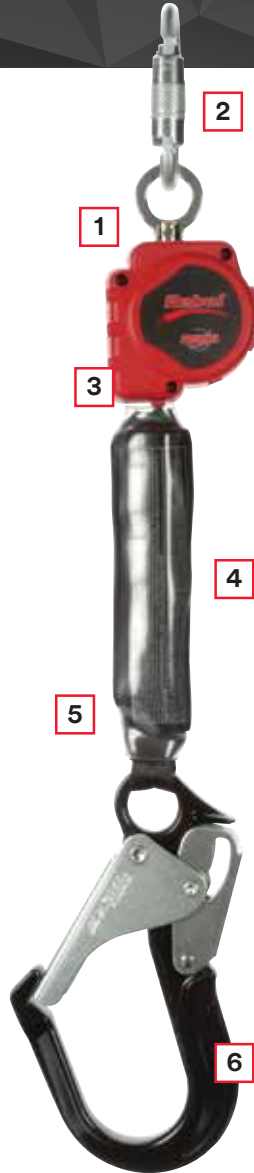
## 5 High strength webbing

Designed to accommodate users up to 310 lbs.

## 6 Fully compliant

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

Model shown  
3100477



## Product selection guide

### Single-leg



#### 3100403

6 ft. (1.8 m) of 1 in. (2.5 cm) polyester web with steel snap hook, swiveling anchorage and carabiner.

#### 3100404

6 ft. (1.8 m) of 1 in. (2.5 cm) polyester web with steel swiveling snap hook, swiveling anchorage and carabiner.

#### 3100405

6 ft. (1.8 m) of 1 in. (2.5 cm) polyester web with steel rebar hook, swiveling anchorage and carabiner.

#### 3100477

6 ft. (1.8 m) of 1 in. (2.5 cm) polyester web with aluminum rebar hook, swiveling anchorage and carabiner.

### Twin-leg



#### 3100412

6 ft. (1.8 m) twin-leg with 1 in. (2.5 cm) polyester web and steel snap hooks, quick connector for harness mounting.

#### 3100413

6 ft. (1.8 m) twin-leg with 1 in. (2.5 cm) polyester web and steel swiveling snap hooks, quick connector for harness mounting.

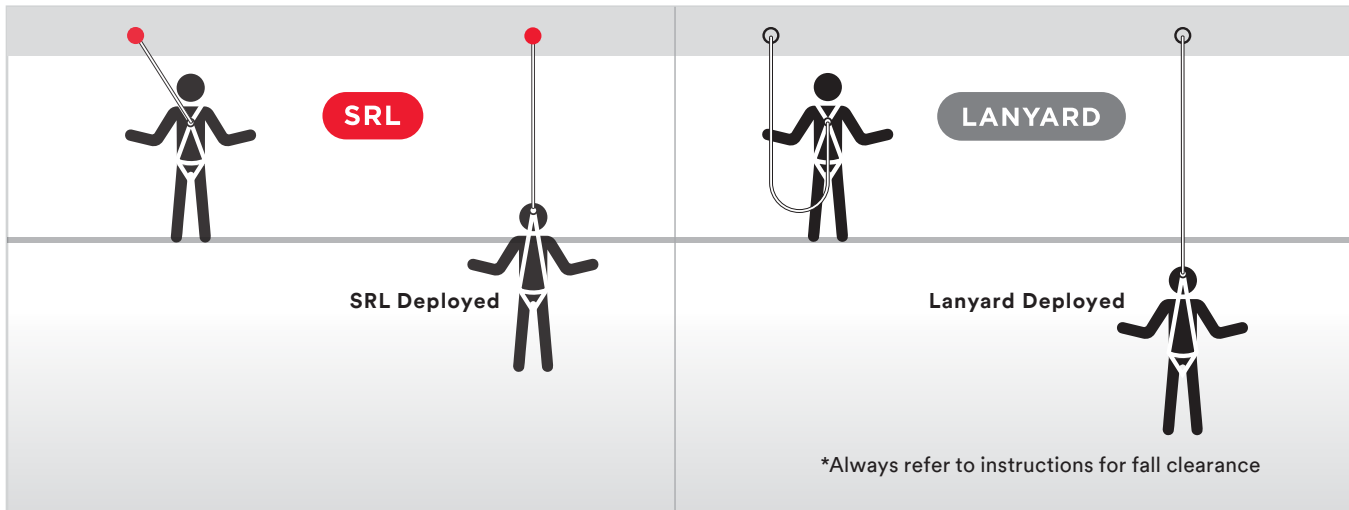
#### 3100414

6 ft. (1.8 m) twin-leg with 1 in. (2.5 cm) polyester web and steel rebar hooks, quick connector for harness mounting.

#### 3100476

6 ft. (1.8 m) twin-leg with 1 in. (2.5 cm) polyester web with aluminum rebar hooks, quick connector for harness mounting.

Example fall clearance requirements of our 6 ft. SRL vs. lanyard of similar length



# 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 (foot level, sharp edge use)	Twin-Leg	310 lb. (140 kg) Weight Capacity	420 lb. (190 kg) Weight Capacity											
													6 ft. (1.8 m)	11 ft. (3.3 m)	15 ft. (4.5 m)	20 ft. (6 m)	33 ft. (10 m)	50 ft. (15 m)	66 ft. (20 m)	85 ft. (26 m)	100 ft. (30 m)		
Galvanized cable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3590015	3590016	3590019								
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SS cable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				3590504	3590501	3590551	3590591	3590631	3590671		
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Web	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3100403	3100425		3100431							
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Weight													Varies	Varies	Varies	Varies	13.5 lb. (6.1 kg)	17.3 lb. (7.8 kg)	22 lb. (10 kg)	28.6 lb. (13 kg)	29.5 lb. (13.4 kg)		
Approximate depth													2 in. (5 cm)	3 in. (8 cm)	3 in. (8 cm)	4.6 in. (12 cm)	4.6 in. (12 cm)	4.6 in. (12 cm)	5.5 in. (14 cm)	5.5 in. (14 cm)	5.5 in. (14 cm)		
Approximate width													3.5 in. (8.9 cm)	6 in. (15 cm)	6 in. (15 cm)	9.8 in. (14 cm)	9.8 in. (24.9 cm)	11 in. (28 cm)	12.8 in. (33 cm)	12.8 in. (33 cm)	12.8 in. (33 cm)		
Approximate height*													19 in. (48 cm)	19 in. (48 cm)	29 in. (74 cm)	22.5 in. (57.1 cm)	22.5 in. (57.1 cm)	23.8 in. (61 cm)	25.7 in. (65 cm)	25.7 in. (65 cm)	25.7 in. (65 cm)		

Self-Retracting Lifelines

\*Anchor point to anchor point

Standards: Meets OSHA 1926.502, OSHA 1910.140, ANSI Z359.14, ANSI 2359.12, ANSI A10.32, CSA Z259.2.2 Type II

## 3M™ Protecta®

### Self-Retracting Lifelines

#### 33 ft. (10 m) SRL

**3590500**

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



#### 11 ft. (3.3 m) SRL

**3100427**

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



#### 20 ft. (6.1 m) SRL

**3100432**

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



#### 15 ft. (4.5 m) SRL

**3590019**

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



#### 11 ft. (3.3 m) SRL

**3100425**

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



#### 11 ft. (3.3 m) SRL

**3100426**

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



## 3M™ Protecta®

### Self-Retracting Lifeline Covers

#### Self-Retracting Lifeline Cover (20-33 ft.)

**3590010**

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

#### Self-Retracting Lifeline Cover (50 ft.)

**3590011**

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

#### Self-Retracting Lifeline Cover (66-100 ft.)

**3590012**

Vinyl cover with hook and loop closure, for use with 66-100 ft. standard cable and 50-66 ft. leading edge models.



# OSHA Final Rule on Walking-Working Surfaces

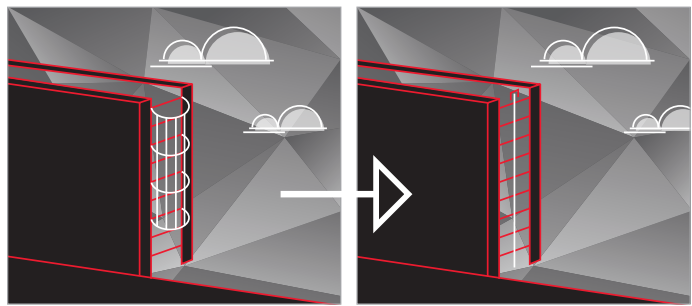
This new rule applies to all general industry workplaces, covering surfaces like floors, stairs, ladders, scaffolds and elevated walkways. The goal is to reduce slips, trips and falls across several industries. This rule increases consistency between the general industry and construction standards. Compliance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

OSHA 29 CFR 1910.140

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

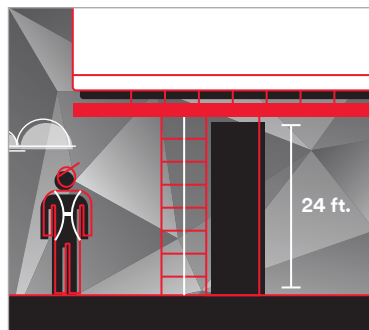


## KEY CHANGE:



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

## KEY CHANGE:



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

## KEY CHANGE:



Fall protection D-rings, carabiners and snap hooks must be proof tested for tensile loads of 3,600 lbs, and gate strengths must also be designed to withstand at 3,600 lbs.

Learn more about this and other safety standard updates at [EngineeredFallProtection.com](http://EngineeredFallProtection.com).