

3M™ Protecta® Rebel™ Self Retracting Lifelines

Technical Data Sheet

Description

The Rebel™ self retracting lifeline (SRL) line is built to last providing an economical fall protection solution without compromising performance or safety. Rebel™ SRL's feature a 140kg user capacity, a robust design to ensure longevity and are available in lengths from 6m to 30m.

Features

- **Thermoplastic Housing**
Lightweight, compact and durable
- **Stackable**
Housing design allows for stacking on work surfaces
- **Side Cable Exit**
Enables smooth operation and reduces cable wear
- **Galvanised and SS Cable**
Stainless steel option for added corrosion resistance
- **Self Locking Snap Hook**
Automatically closes and locks for added safety. Models with triple action karabiners also available.
- **Ergonomic Carrying Handle**
Built-in design makes transport, setup and storage easy
- **Ergonomic Cable Handle**
Provides added comfort and ease-of-use when making connections
- **Impact Indicator**
Provides visual indication of fall arrest
- **Swivel Hook**
Limits lifeline twisting
- **16 kN Gate Capacity**
Reduces chance of accidental disengagement ("roll-out").

Specifications

3M™ Protecta® Rebel™ Self Retracting Lifelines

Capacity	140kg
Brand	PROTECTA®
Sub Brand	Rebel™
Size	6-30 m
Velocity Ship	Yes
Product Styles	Single Lifeline
Product Types	Standard/Traditional
Housing Type	Thermoplastic
Lifeline Type	Galvanised Cable & Webbing
Mounting Type	Overhead Anchor Point

Standards

Certified to EN 360:2002 and acceptable for use in Australia and New Zealand under section 1.6 of AS/NZS 1891.3:1997

Maintenance/Cleaning

Cleaning procedures for the SRL are as follows:

- Periodically clean the exterior of the SRL using water and a mild soap solution. Position the SRL so excess water can drain out. Clean labels as required.
- Clean the lifeline with water and mild soap solution. Rinse thoroughly air dry. Do not force dry with heat. The lifeline should be dry before allowing it to retract into the housing.

An excessive buildup of dirt, paint, etc., may prevent the lifeline from fully retracting back into the housing causing a potential free fall hazard.

Inspection Frequency

Inspection frequency requirements must be followed according to AS/NZS 1891.4 or 3M's user instructions. 3M may recommend more frequent inspection and recertification if the product is exposed to a harsh environment or rugged use. All inspection and maintenance data must be recorded in an inspection and maintenance log maintained by the company.



Disposal

Dispose of the SRL if it has been subject to fall arrest forces or inspection reveals an unsafe or defective condition. Before disposing of the SRL, cut the lifeline in half or otherwise disable the SRL to eliminate the possibility of inadvertent reuse.

Storage

Store the transport SRLs in a cool, dry, clean environment out of direct sunlight. Avoid areas where chemical vapors may exist. Thoroughly inspect the SRD after any period of extended storage.

Warning

To reduce the risks associated with working with an SRL which, if not avoided, could result in serious injury or death:

- Before each use, inspect the SRL and check for proper locking and retraction.
- If inspection reveals an unsafe or defective condition, remove the device from service and repair or replace according to the User Instructions.
- If the SRL has been subjected to fall arrest or impact force, immediately remove the SRL from service and label the device 'UNUSABLE'.
- Ensure the lifeline is kept free from any and all obstructions including, but not limited to; entanglement with moving machinery or equipment (e.g., the top drive of oil rigs), other workers, yourself, surrounding objects, or impact from overhead objects that could fall onto the lifeline or the worker.
- Never allow slack in the lifeline. Do not tie or knot the lifeline.
- Attach the unused leg(s) of the Harness Mounted SRD to the parking attachment(s) of the harness if equipped.
- Do not use in applications that have an obstructed fall path. Working on slowly shifting material, such as sand or grain, or within confined or cramped spaces, may not allow the worker to reach sufficient speed to cause the SRL to lock. A clear path is required to assure positive locking of the SRL.
- Avoid sudden or quick movements during normal work operation. This may cause the device to lock up.
- Ensure that fall protection systems/subsystems assembled from components made by different manufacturers are compatible and meet
- The requirements of applicable standards, including the ANSI Z359 or other applicable fall protection codes, standards, or requirements. Always consult a Competent and/or Qualified Person before using these systems.

Ordering Information

3M Code	Model #	Description
70007443099	3100445	Self Retracting Lifelines (SRLs) - Rebel™ Personal SRLs, 1.8m, Webbing
70007454393	3100447	Self Retracting Lifelines (SRLs) - Rebel™ Personal SRLs 3.3m, Webbing
70007454401	3100448	Self Retracting Lifelines (SRLs) - Rebel™ Personal SRLs, 6.0m, Webbing
70007464855	3590025	Self Retracting Lifelines (SRLs) - Rebel™ Personal SRLs, 4.5m, Cable
70007458675	3590520	Self Retracting Lifelines (SRLs) - Rebel™ SRLs, 6m, Galvanised Cable Lifeline
70007464996	3590521	Self Retracting Lifelines (SRLs) - Rebel™ SRLs, 10m, Galvanised Cable Lifeline
70007458618	3590506	Self Retracting Lifelines (SRLs) - Rebel™ SRLs, 10m, Galvanised Cable Lifeline
70007460440	3590570	Self Retracting Lifelines (SRLs) - Rebel™ SRLs, 15m, Galvanised Cable Lifeline
70007460549	3590610	Self Retracting Lifelines (SRLs) - Rebel™ SRLs, 20m, Galvanised Cable Lifeline
70007460507	3590595	Self Retracting Lifelines (SRLs) - Rebel™ SRLs, 20m, Galvanised Cable Lifeline
70007460622	3590690	Self Retracting Lifelines (SRLs) - Rebel™ SRLs, 30m, Galvanised Cable Lifeline
70007460614	3590675	Self Retracting Lifelines (SRLs) - Rebel™ SRLs, 30m, Galvanised Cable Lifeline

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The mounting and use of the product described within this document assumes that the user has previous experience of this type of product and that it will be assembled by a competent professional according to product documentation. Before any use of this product it is recommended to complete some trials to validate the performance of the product within its expected application.

All information and specification details contained within this document are inherent to this specific 3M product and would not be applied to other products or environment. Any action or usage of this product made in violation of this document is at the risk of the user.

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Warranty conditions for products are determined with the sales contract documents and with the mandatory and applicable law, excluding any other warranty or compensation.



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