

3M™ Protecta® Confined Space Rebel™ Retrieval Self Retracting Lifeline

Technical Data Sheet



Description

The 3M™ Rebel™ self retracting lifeline (SRL) Rebel™ features a built-in emergency retrieval winch, 140kg user capacity and a robust design ensuring longevity. This SRL features a rugged aluminium housing and is also equipped with an ergonomic carrying handle that makes transportation to and from the job site easy. Rebel™ is designed with the worker in mind, featuring a stackable space-maximising design and an impact indicator to provide easy verification of whether the equipment has been involved in a fall. An SRL's lifeline will extend as the user moves away, and retract automatically enabling the user to move about within a recommended working area at normal speeds. Should a fall occur, a speed sensing brake system will activate stopping the fall and reducing the forces imposed on the user to safe levels.

Features

- **3-way emergency retrieval system**
The built-in winch is ideal for use in confined spaces and allows the load to be raised or lowered during emergencies.
- **Stowable retrieval handle**
The integrated winch handle folds up to stay out of the workers way when not in use for added safety.
- **Rugged aluminum housing**
Will withstand rough use, and its compact design incorporates a smooth case with rounded corners for added comfort and ease-of-use increasing worker productivity.
- **Built-in carrying handle**
Integrated handle makes transport, set-up, use and storage quick and easy.
- **15m of 5mm galvanised steel cable lifeline**
Abrasion resistant and extremely durable lifeline provides added field longevity, the retractable design provides freedom of movement, keeps the lifeline out of the worker's way and reduces dragging, snagging and trip falls.
- **Swiveling self-locking snap hook with impact indicator**
Automatically locks and closes for added safety, swivels to limit lifeline twisting for ease of use and provides visual indication of fall arrest.
- **Speed sensing all metal brake system**
Stops a falling worker within centimetres, and provides smooth consistent operation allowing the user to maintain normal work pace and not be interrupted with constant lock ups.



- **Internal energy absorption system**
Specialised internal absorption system maintains safe fall arrest forces for users and tools up to 140kg.
- **Reserve lifeline system**
Maintains a reserve for shock absorption when the entire lifeline is extended for added safety.
- **Side lifeline exit with ergonomic handle**
Enables smooth operation and reduced cable wear, and the handle provides added comfort and ease of use when making connections.
- **High strength, corrosion resistant components**
Stainless steel and zinc plated steel hardware provides added corrosion resistance and extends the life of the device.
- **Swiveling anchorage point**
Stays in line with load for added security and allows use of a variety of standard karabiners.
- **Self-locking anchorage karabiner**
Self closing and self locking karabiner keeps the SRL securely attached to the anchorage device.

Standards

3rd Party Certified with EN 360:2002 and EN 1496:2006 class B., OSHA, ANSI Z359.14, & AS/NZS 1891.3.

Specifications

70007466314	
Brand	Protecta®
Sub Brand	Rebel™
Size	15 m
Lifeline Length	15 m
Lifeline Hook	Zinc Plated Steel
Anchorage Hook	Zinc Plated Steel
Lifeline	5mm dia. 7×19 Galvanised Aircraft Wire Rope
Housing	Aluminium
Model	3591002
Physical Dimensions	60.00×28.00×17.00 (cm)
Physical Weight	11.90 kg (26.2lbs)
Product Styles	Single Lifeline
Product Types	3-Way Emergency Retrieval
Housing Type	Metal
Lifeline Type	Galvanised Cable
Mounting Type	Overhead Anchor Point
Weight Group	Over 4.5 kg

Disposal

Any piece of equipment including both personal and permanently installed items, which has been used to arrest a fall or which shows any defect during operator or periodic inspection shall be withdrawn from service immediately and a replacement obtained if necessary.

A label indicating the condition or defect must be attached to the equipment, and it must be examined by a competent person who will decide whether the equipment is to be destroyed or repaired/recertified if necessary and returned to service.

Inspection

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.

Ordering Information

3M Code	Model #	Description
70007466314	3591002	Galvanised cable, 15 m*

Accessories		
3M Code	Model #	Description
70007932364	AM100	Tripod, 1.4 - 2.4 m
70007932380	AK0100	Tripod bag
70007780078	AT052/1	Pulley with karabiner for use on tripod
70007464897	3590498	Fixing bracket for 3591002 retrieval SRL

* When ordering the Rebel™ Retrieval Fall Arrest SRL for use with the Tripod, order the AT052/1 pulley and the 3590498 fixing bracket.

Important Notice

To the extent permitted by law, 3M shall not be liable for any loss or damage including any loss of business, loss of profits, or for any indirect, special, incidental or consequential loss or damage arising from reliance upon any information herein provided by 3M. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence.

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.

Compliance to the information and specification relative to the product contained within this document does not exempt the user from compliance with additional guidelines (safety rules, procedures). Compliance to operational requirements especially in respect to the environment and usage of tools with this product must be observed. 3M (who cannot verify or control these elements) would not be held responsible for the consequences of any violation of these rules which remain external to its decision and control.

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



3M Australia Pty Ltd
Personal Safety Division
Bldg A, 1 Rivett Road
North Ryde NSW 2113
TechAssist Helpline: 1800 024 464
Customer Service: 1300 363 565
Email: techassist@mmm.com
Web: www.3M.com/au/ppesafety

3M New Zealand Ltd
Personal Safety Division
94 Apollo Drive, Rosedale
Auckland 0632
TechAssist Helpline: 0800 364 357
Customer Service: 0800 252 627
Email: techassist@mmm.com
Web: www.3M.com/nz/ppesafety

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