

Tech-Spec Sheet

#RL50

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Product Description:

Designed to be used as a connecting device in a personal fall arrest system, the RL50 series self-retracting lifeline connects the user's harness to the anchorage point.

The self-retracting lifeline provides freedom of movement to workers performing their job at various heights. As the worker moves toward or away from the device, the spring tensioned wire rope will retract back into the unit or will draw out of it. The device automatically takes up the slack in the wire rope keeping it out of the way while minimizing free fall distance should a fall occur.

In the event of a fall, the locking mechanism will activate to arrest the fall within less than 24 inches.

The RL50 is available with galvanized wire rope, stainless wire rope, or Technora synthetic rope. The standard unit is supplied with a locking, load indicator swivel snap at the end of the wire rope, and carabiner on the handle for attaching to the anchor.

Material Specifications:

Housing: Aluminum
 Rope drum: Aluminum
 Brake Pawls: Bronze
 Main Spring: Steel
 Fasteners: Stainless Steel
 Carabiner: Forged, plated steel
 Snap hook: Forged, plated steel
 Wire rope: 3/16" 7 x 19 galvanized or stainless steel
 Synthetic: 3/16" 12-strand braided Technora

Performance Specifications:

Maximum fall arrest force: 900 pounds
 Maximum fall distance: 54 inches
 Combined tool and body weight capacity: 350 pounds
 Meets or exceeds OSHA 1910.66, OSHA Subpart M, ANSI A10.14, ANSI Z359.1.

Warning: Always work directly under anchorage point as a pendulum fall could result in serious injury or death.

| Model | Description |
|--------|----------------------------------|
| RL50G | 50' SRL, Galvanized wire rope |
| RL50SS | 50' SRL, Stainless wire rope |
| RL50T | 50' SRL, Technora synthetic rope |
| RL30G | 30' SRL, Galvanized wire rope |
| RL30SS | 30' SRL, Stainless wire rope |
| RL30T | 30' SRL, Technora synthetic rope |