

# Tech-Spec Sheet

## Product No.

### RL25AG, RL25AS, RL25AT

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#### Product Description:

Designed to be used as a connecting device in a personal fall arrest system, the RL25 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 standard unit is supplied with a locking snap hook, exterior energy absorber/impact indicator, swivel and carabiner for anchoring.

The RL25 is available with galvanized wire rope, stainless wire rope, or Technora synthetic rope.

**RL25AG**- 25' galvanized wire rope

**RL25AS** - 25' stainless steel wire rope

**RL25AT** - 25' Technora® synthetic rope

#### Material Specifications:

Housing: Aluminum

Rope Drum: Aluminum

Brake Pawls: Bronze

Main Spring: Stainless Steel

Fasteners: Stainless Steel

Energy Absorber: Polyester

Carabiner: Plated Steel, minimum tensile 5000 lbs.

Snap Hook: Cold formed plated steel, minimum tensile 5000 lbs.

Wire Rope: 3/16" galvanized steel, tensile 4200 lbs.

3/16" Stainless steel, tensile 3600 lbs.

3/16" braided Technora rope, tensile 5600 lbs.

#### Performance Specifications:

Maximum fall arrest forces: 900 lbs.

Maximum fall distance: 54 inches

Combined tool and body weight: 350 lbs.

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

#### Applicable Standards:

OSHA Subpart M 1926.502, 1910.66

ANSI A10-14, Z359.1-2007