



**STOPCABLE®**

ladder safety systems

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# stopcable®

## ladder safety systems

The stopcable® ladder safety system is a wire rope type permanent fall protection system for climbing fixed ladders or vertical structures.

The system consists of galvanized top and bottom brackets, galvanized or stainless steel cable, an energy absorber, a turnbuckle and a stainless steel fall arrester (sold separately). Brackets are designed for ladder rungs but can be easily adapted to most structures. A  $\frac{5}{16}$  in. (8.4 mm) or  $\frac{3}{8}$  in. (9.5 mm) steel cable is tensioned and contained approximately every 25 ft. (7.5 m) by cable guides which are designed to minimize cable vibration and slack.

A stainless steel fall arrester with internal spring-loaded cam can be attached or removed from the cable at any point. It is secured with a compatible carabiner, supplied with the fall arrester, to the frontal attachment point on any approved ladder climbing harness.

The user is free to climb and descend with full use of the hands. In the event of a fall, the fall arrester will quickly lock on the cable and arrest the fall. Free fall distance is minimized by a close coupled assembly. The top mounting bracket incorporates a shock absorber, further reducing impact and deceleration forces on the worker and the structure. An uninjured worker can quickly recover and climb down the structure to safety with complete protection.

- Integrated shock absorber in upper bracket reducing forces on ladder
- Adjustable on most permanent ladders
- No special tools required for installation
- Includes:
  - Wire rope
  - Wire rope adjuster
  - Upper bracket with integrated shock absorber
  - Lower bracket

### MOUNTING REQUIREMENTS

The stopcable® ladder safety system is designed to meet the performance criteria set in the ANSI A14.3 and CSA standard for fall protection on fixed ladders. The ladder upon which the system is to be mounted must meet with applicable requirements set out by OSHA, ANSI, CSA and applicable federal, regional and local regulations.

### APPLICATIONS

- Telecommunication towers
- Light poles
- Water towers
- Hydro electric towers
- Stacks
- Any other climbable structure



*Note: System does not include ladder.*

<b>AVAILABLE SYSTEM LENGTHS</b>	20 to 600 ft. (6 to 182 m) in multiples of 10 ft. (3 m)
<b>SAFE WORKING LOAD</b>	310 lbs. (140 kg), one person
<b>MAX. ARRESTING FORCE</b>	1,200 lbs. (6 kN)
<b>TEMPERATURE RANGE</b>	-40 to 122 °F (-40 to 50 °C)

### AVAILABLE ACCESSORIES

- **LT516** Detachable traveler for  $\frac{5}{16}$  in. (8.4 mm) wire rope with autolocking carabiner
- **LT38** Detachable traveler for  $\frac{3}{8}$  in. (9.5 mm) wire rope with autolocking carabiner