

# Rope/Cord/Web Inspection and Maintenance

## IMPORTANT NOTES

Check your rope/cord/web carefully after each use to make sure there are no cuts, chafed areas, broken fibers, soft or hard spots, glazed surfaces, discoloration or variations in diameter/width. Stitching should be checked for broken threads. If any of the above are noted, the rope/cord/web should be retired from service. If the rope/cord/web has been subjected to shock loads, fall loads or any type of abuse, it should be retired from service. Each rope/cord/web should be inspected before being used even if it has never been previously used. Keep rope/cord/web away from acids, alkalis, exhaust emissions, rust or other strong chemicals. Do not allow the rope/cord/web to be shock loaded or used over sharp bends.

If the rope/cord/web becomes soiled, it can be washed in cold water and a mild detergent. Air dry in a hose tower or other location out of direct sunlight. Do not dry in an automatic dryer.

***It is impossible to state when to retire a rope, cord, or web. If you have any doubts about the integrity of a rope, cord, or web retire it.***

For more information on rope inspection, see ASTM F 1740-96 *Guide for Inspection of Nylon, Polyester, or Nylon/Polyester Blend or Both Kernmantle Rope*. CMC has numerous rope manuals and guides for additional information regarding rope inspection and maintenance.

## SAMPLE INSPECTION AND MAINTENANCE LOG

The sample log suggests records that should be maintained by the purchaser or user of a life safety rope or cord.

Equipment Inspection and Maintenance Log			
Item _____ # _____		Date in Service _____	
Brand/Model _____		Strength _____	
Date	How Used or Maintained	Comments	Name

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**IMPORTANT INFORMATION - PLEASE READ AND SAVE**



# Rope / Cord / Web Specifications

## Description (Fiber Type), Diameter / Width, Breaking Strength:

### CMC Prusik Cord and Load Release Hitch Cord (Nylon)

- 5 mm 7 kN (1,574 lbf) MBS
- 6 mm 8 kN (1,798 lbf) MBS
- 7 mm 8 kN (1,798 lbf) MBS
- 8 mm 14 kN (3,147 lbf) MBS
- 9 mm 15 kN (3,372 lbf) MBS

### CMC Sewn / Bound Loop Prusik (Nylon)

- 8 mm 20 kN (4,496 lbf) MBS

### AZTEK Bound Loop Prusik / Purcell (Nylon)

- 6 mm 13 kN (2,922 lbf) MBS

### AZTEK ProSeries® Cord (Nylon)

- 8 mm 15 kN (3,372 lbf) MBS

### CMC Reflective RIT Line (Technora, Polyester)

- 5.8 mm 9 kN (2,023 lbf) MBS

### CMC Ladderline (Polyester)

- 3/8 in 13.8 kN (3,102 lbf) MBS
- 1/2 in 25.6 kN (5,755 lbf) MBS

### CMC Redi-Line™ (Polypropylene)

- 7/16 in 13 kN (2,922 lbf) MBS

### CMC SRT Throwline (Polypropylene, Nylon)

- 3/8 in 13 kN (2,922 lbf) MBS

### River Rescue Rope (Polyolefin, Nylon)

- 7/16 in 16.45 kN (3,700 lbf) MBS

### Tubular Webbing (Nylon)

- 1 in 17.8 kN (4,000 lbf) MBS
- 2 in 35.6 kN (8,000 lbf) MBS

### Flat Webbing (Nylon)

- 1 in 26.7 kN (6,000 lbf) MBS

**MBS — Minimum Breaking Strength**

## ⚠ WARNING

It is the responsibility of the purchaser and the user to determine if this product is suitable for the intended use and that it meets all applicable regulations and standards for your area.

Removal of protective shrink tubing is not advised. This feature protects the stitching and label from premature wear. Removal could jeopardize user safety and product conformance to applicable standards.