

Rope/Cord Inspection and Maintenance

IMPORTANT NOTES

Check your rope/cord 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. Stitching should be checked for broken threads. If any of the above are noted, the rope should be retired from service. If the rope has been subjected to shock loads, fall loads or any type of abuse, the rope should be retired from service. Each rope should be inspected before being used even if the rope has never been previously used. Keep ropes away from acids, alkalis, exhaust emissions, rust or other strong chemicals. Do not allow the rope to be shock loaded or used over sharp bends.

If the rope 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 or cord. If you have any doubts about the integrity of a rope or cord, 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 Rescue 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

IMPORTANT INFORMATION - PLEASE READ AND SAVE



Rope / Cord Specifications

Part #: _____
Description: _____
Diameter: _____ Length: _____
Cut Date: _____ Cut By: _____

Description (Fiber Type), Diameter, Breaking Strength:

CMC Rescue 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 16 kN (3,597 lbf) MBS
 9 mm 16 kN (3,597 lbf) MBS

CMC Rescue Sewn Loop Prusik Cord (Nylon) 8 mm, 20 kN (4,496 lbf) MBS

CMC Rescue Bound Loop Prusik Cord (Nylon) 8 mm, 20 kN (4,496 lbf) MBS

AZTEK ProSeries® Cord (Nylon)

8 mm 15 kN (3,372 lbf) MBS

CMC Reflective RIT Line (Technora, Polyester) 5.8 mm, 8 kN (1,798 lbf) MBS

CMC Rescue Ladderline (Polyester)

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

CMC Rescue Redi-Line™ (Polypropylene) 7/16 in, 10 kN (2,248 lbf) MBS

CMC Rescue SRT Throwline (Polypropylene, Nylon) 3/8 in, 13 kN (2,922 lbf) MBS

New England River Rescue Rope (Polyolefin, Nylon) 7/16 in, 25 kN (5,620 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.

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