

www.denverrope.com

For customer service and inquiries please call John 303-809-7274 or email john@denverrope.com.

Please email the completed worksheet back to John of Denver Rope or can fax to 305-635-0530 attention Cari Valdes – Denver Rope.

## Denver Rope - Recovery / Tow Line Worksheet

- Working Load: For Commercial Recovery / Towing Applications the W.L. is chosen to be equal to the fully loaded weight of the towed vehicle as a minimum. For light duty applications the W.L. is often chosen to be 1/3 – 1/2 the fully loaded weight of the towed vehicle.
- Denver Rope is always concerned as not to exceed a customer's budget. However, the Owner is legally responsible for the safety of his passengers and equipment; therefore, it is always better to error on the conservative side when specifying a Recovery / Tow Line.
- Please fill out this worksheet the best you can and return to Denver Rope. Thank you.

Please describe below your towing vehicle and the towed vehicle. Include weight, location, etc.

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Please describe below what you are specifying on this worksheet; Recovery Line / Tow Line, other.

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## A. Specify Rope Material

1. Choose from below \_\_\_\_\_ (customer specified from list below)
  - a. Double Braid Nylon \_\_\_\_\_ (y/n – standard)
  - b. 3-Strand Twisted Nylon \_\_\_\_\_ (y/n – standard)
  - c. 12-Strand Dyneema \_\_\_\_\_ (y/n – inquire)
  - d. other material \_\_\_\_\_ (y/n – specify below and inquire)

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2. Specify Length \_\_\_\_\_ (50ft is typical – customer specified)
  3. Specify Diameter \_\_\_\_\_ (\*Denver Rope Strength Guide\*)
  4. Specify Color \_\_\_\_\_ (white is standard, for other colors inquire)

\*DR will assist the customer in selecting the diameter of rope and hardware that matches the W.L. of the line.

## B1. Bitter End

(Specify a Bitter End)

1. Bitter End \_\_\_\_\_ (y/n – standard)
2. Finishing Options \_\_\_\_\_ (y/n – customer specified below)
  - a. Taped & Cut \_\_\_\_\_ (y/n – standard)
  - b. Melted / Sealed \_\_\_\_\_ (y/n – end cut fibers are melted and sealed)
  - c. Heat Shrink \_\_\_\_\_ (y/n – black heat shrink covers the end cut)
  - d. Whipping \_\_\_\_\_ (y/n – bitter end is whipped and sewn)

## B2. Working End Connection

(choose between 1 or 2 below)

1. Heavy Duty Stainless Hard Eye \_\_\_\_\_ (y/n - standard)
  - a. Wire Rope Thimble \_\_\_\_\_ (y/n – customer specified)
  - b. Tube Thimble \_\_\_\_\_ (y/n – customer specified)
2. Soft Eye / Loop \_\_\_\_\_ (y/n – customer specified below)
  - a. Eye Splice Size \_\_\_\_\_ (6", 8", 10", 12", 18", 24" are typical)
  - b. Chafe Guard \_\_\_\_\_ (y/n - covered eyes are recommended)
3. Hook \_\_\_\_\_ (y/n - customer specified below)
  - a. Spliced Permanent \_\_\_\_\_ (y/n – customer specified)
  - b. Shipped Loose \_\_\_\_\_ (y/n – customer specified)
  - c. Hook Options \_\_\_\_\_ (y/n – choose from list below)
    1. One \_\_\_\_\_ (y/n – customer specified)
    2. Two \_\_\_\_\_ (y/n – customer specified)
    3. Three \_\_\_\_\_ (y/n – customer specified)
    4. Four \_\_\_\_\_ (y/n – customer specified)
4. Shackle (shipped loose) \_\_\_\_\_ (y/n – customer specified below)
  - a. Galvanized \_\_\_\_\_ (y/n – customer specified)
  - b. Stainless \_\_\_\_\_ (y/n – customer specified)

## C1. Bitter End

(Specify a Bitter End)

1. Bitter End \_\_\_\_\_ (y/n – standard)
2. Finishing Options \_\_\_\_\_ (y/n – customer specified below)
  - a. Taped & Cut \_\_\_\_\_ (y/n – standard)
  - b. Melted / Sealed \_\_\_\_\_ (y/n – end cut fibers are melted and sealed)
  - c. Heat Shrink \_\_\_\_\_ (y/n – black heat shrink covers the end cut)

d. Whipping \_\_\_\_\_ (y/n – bitter end is whipped and sewn)

**C2. Working End Connection**

(choose between 1 or 2 below)

- 1. Heavy Duty Stainless Hard Eye \_\_\_\_\_ (y/n - standard)
  - a. Wire Rope Thimble \_\_\_\_\_ (y/n – customer specified)
  - b. Tube Thimble \_\_\_\_\_ (y/n – customer specified)
  
- 2. Soft Eye / Loop \_\_\_\_\_ (y/n – customer specified below)
  - a. Eye Splice Size \_\_\_\_\_ (6”, 8”, 10”, 12”, 18”, 24” are typical)
  - b. Chafe Guard \_\_\_\_\_ (y/n - covered eyes are recommended)
- 3. Hook \_\_\_\_\_ (y/n - customer specified below)
  - a. Spliced Permanent \_\_\_\_\_ (y/n – customer specified)
  - b. Shipped Loose \_\_\_\_\_ (y/n – customer specified)
  - c. Hook Options \_\_\_\_\_ (y/n – choose from list below)
    - 1. One \_\_\_\_\_ (y/n – customer specified)
    - 2. Two \_\_\_\_\_ (y/n – customer specified)
    - 3. Three \_\_\_\_\_ (y/n – customer specified)
    - 4. Four \_\_\_\_\_ (y/n – customer specified)
  
- 4. Shackle (shipped loose) \_\_\_\_\_ (y/n – customer specified below)
  - a. Galvanized \_\_\_\_\_ (y/n – customer specified)
  - b. Stainless \_\_\_\_\_ (y/n – customer specified)

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