

# Synthetic Web And Round Slings



# Nylon and Polyester Web Slings



type  
**1**  
triangle choker

type  
**2**  
triangle triangle

## HEAVY DUTY

| TYPE 1<br>(TC) | TYPE 2*<br>(TT) | RATED CAPACITIES<br>IN LBS. |        |        |
|----------------|-----------------|-----------------------------|--------|--------|
|                |                 | VERTICAL                    | CHOKER | BASKET |
| <b>ONE PLY</b> |                 |                             |        |        |
| TC1-902        | TT1-902         | 3,200                       | 2,500  | 6,400  |
| TC1-903        | TT1-903         | 4,800                       | 3,800  | 9,600  |
| TC1-904        | TT1-904         | 6,400                       | 5,000  | 12,800 |
| TC1-906        | TT1-906         | 9,600                       | 7,700  | 19,200 |
| TC1-908        | TT1-908         | 12,800                      | 10,200 | 25,600 |
| TC1-910        | TT1-910         | 16,000                      | 12,800 | 32,000 |
| TC1-912        | TT1-912         | 19,200                      | 15,400 | 38,400 |
| <b>TWO PLY</b> |                 |                             |        |        |
| TC2-902        | TT2-902         | 6,400                       | 5,000  | 12,800 |
| TC2-903        | TT2-903         | 8,600                       | 6,900  | 17,200 |
| TC2-904        | TT2-904         | 11,500                      | 9,200  | 23,000 |
| TC2-906        | TT2-906         | 16,300                      | 13,000 | 32,600 |
| TC2-908        | TT2-908         | 19,200                      | 15,000 | 38,400 |
| TC2-910        | TT2-910         | 22,400                      | 17,400 | 44,800 |
| TC2-912        | TT2-912         | 26,900                      | 21,500 | 53,800 |

Three and four ply hardware slings are available upon request.  
\* Type 2 can not be used in a choker hitch.

## LIGHT DUTY

| TYPE 1<br>(TC) | TYPE 2*<br>(TT) | RATED CAPACITIES<br>IN LBS. |        |        |
|----------------|-----------------|-----------------------------|--------|--------|
|                |                 | VERTICAL                    | CHOKER | BASKET |
| <b>ONE PLY</b> |                 |                             |        |        |
| TC1-702        | TT1-702         | 2,400                       | 1,900  | 4,800  |
| TC1-703        | TT1-703         | 3,600                       | 2,900  | 7,200  |
| TC1-704        | TT1-704         | 4,800                       | 3,800  | 9,600  |
| TC1-706        | TT1-706         | 7,200                       | 5,800  | 14,400 |
| <b>TWO PLY</b> |                 |                             |        |        |
| TC2-702        | TT2-702         | 4,800                       | 3,800  | 9,600  |
| TC2-703        | TT2-703         | 6,500                       | 5,200  | 13,000 |
| TC2-704        | TT2-704         | 8,600                       | 6,900  | 17,200 |
| TC2-706        | TT2-706         | 12,600                      | 10,100 | 25,200 |

\* Type 2 can not be used in a choker hitch.

### Note:

Hardware – Aluminum hardware is available on single ply types 1 and 2 slings in 2", 3", 4" and 6" widths.



## Nylon and Polyester Web Slings



type  
**3**  
eye & eye  
flat



type  
**4**  
eye & eye  
twist

### HEAVY DUTY

| TYPE 3 (FLAT EYE) &<br>TYPE 4 (TWISTED EYE) | RATED CAPACITIES IN POUNDS |        |         |
|---|----------------------------|--------|---------|
|   | VERTICAL                   | CHOKER | BASKET  |
| <b>ONE PLY</b>                              |                            |        |         |
| EE1-901                                     | 1,600                      | 1,250  | 3,200   |
| EE1-902                                     | 3,200                      | 2,500  | 6,400   |
| EE1-903                                     | 4,800                      | 3,800  | 9,600   |
| EE1-904                                     | 6,400                      | 5,000  | 12,800  |
| EE1-906                                     | 9,600                      | 7,700  | 19,200  |
| EE1-908                                     | 12,800                     | 10,200 | 25,600  |
| EE1-910                                     | 16,000                     | 12,800 | 32,000  |
| EE1-912                                     | 19,200                     | 15,400 | 38,400  |
| <b>TWO PLY</b>                              |                            |        |         |
| EE2-901                                     | 3,200                      | 2,500  | 6,400   |
| EE2-902                                     | 6,400                      | 5,000  | 12,800  |
| EE2-903                                     | 8,600                      | 6,900  | 17,200  |
| EE2-904                                     | 11,500                     | 9,200  | 23,000  |
| EE2-906                                     | 16,300                     | 13,000 | 32,600  |
| EE2-908                                     | 19,200                     | 15,400 | 38,400  |
| EE2-910                                     | 22,400                     | 17,900 | 44,800  |
| EE2-912                                     | 26,900                     | 21,500 | 53,800  |
| <b>THREE PLY</b>                            |                            |        |         |
| EE3-901                                     | 4,100                      | 3,300  | 8,200   |
| EE3-902                                     | 8,300                      | 6,600  | 16,600  |
| EE3-903                                     | 12,500                     | 10,000 | 25,000  |
| EE3-904                                     | 16,000                     | 12,800 | 32,000  |
| EE3-906                                     | 23,000                     | 18,400 | 46,000  |
| EE3-908                                     | 30,700                     | 24,500 | 61,400  |
| EE3-910                                     | 36,800                     | 29,400 | 73,600  |
| EE3-912                                     | 44,000                     | 35,200 | 88,000  |
| <b>FOUR PLY</b>                             |                            |        |         |
| EE4-901                                     | 5,000                      | 4,000  | 10,000  |
| EE4-902                                     | 10,000                     | 8,000  | 20,000  |
| EE4-903                                     | 14,900                     | 11,900 | 29,800  |
| EE4-904                                     | 19,800                     | 15,800 | 39,600  |
| EE4-906                                     | 29,800                     | 23,800 | 59,600  |
| EE4-908                                     | 39,700                     | 31,700 | 79,400  |
| EE4-910                                     | 49,600                     | 39,600 | 99,200  |
| EE4-912                                     | 59,500                     | 47,600 | 119,000 |

**Note:**

Tapering – types 3 and 4 are tapered at 3” and wider unless otherwise ordered. These wider slings are tapered at the bearing points to accommodate a crane hook.

## LIGHT DUTY

| TYPE 3 (FLAT EYE)<br>& TYPE 4<br>(TWISTED EYE) | RATED CAPACITIES IN POUNDS |        |        |
|--|----------------------------|--------|--------|
|  | VERTICAL                   | CHOKER | BASKET |
| <b>ONE PLY</b>                                 |                            |        |        |
| EE1-701  | 1,200                      | 950    | 2,400  |
| EE1-702  | 2,400                      | 1,900  | 4,800  |
| EE1-703  | 3,600                      | 2,900  | 7,200  |
| EE1-704  | 4,800                      | 3,800  | 9,600  |
| EE1-706  | 7,200                      | 5,800  | 14,400 |
| <b>TWO PLY</b>                                 |                            |        |        |
| EE2-701  | 2,400                      | 1,900  | 4,800  |
| EE2-702  | 4,800                      | 3,800  | 9,600  |
| EE2-703  | 6,500                      | 5,200  | 13,000 |
| EE2-704  | 8,600                      | 6,900  | 17,200 |
| EE2-706  | 12,200                     | 9,800  | 24,400 |
| <b>THREE PLY</b>                               |                            |        |        |
| EE3-701  | 3,500                      | 2,800  | 7,000  |
| EE3-702  | 7,000                      | 5,600  | 14,000 |
| EE3-703  | 9,400                      | 7,500  | 18,800 |
| EE3-704  | 12,000                     | 9,600  | 24,000 |
| EE3-706  | 18,000                     | 14,400 | 36,000 |
| <b>FOUR PLY</b>                                |                            |        |        |
| EE4-701  | 4,200                      | 3,400  | 8,400  |
| EE4-702  | 8,000                      | 6,400  | 16,000 |
| EE4-703  | 12,000                     | 9,600  | 24,000 |
| EE4-704  | 16,000                     | 12,800 | 32,000 |
| EE4-706  | 23,500                     | 18,800 | 47,000 |

## Eye Length Chart

| Sling Width | Plies of Webbing |     |     |     |
|-------------|------------------|-----|-----|-----|
|             | 1                | 2   | 3   | 4   |
| 1"          | 9"               | 9"  | 12" | 12" |
| 2"          | 9"               | 9"  | 12" | 12" |
| 3"          | 12"              | 12" | 18" | 18" |
| 4"          | 12"              | 12" | 18" | 18" |
| 5"          | 15"              | 15" | 20" | 20" |
| 6"          | 18"              | 18" | 24" | 24" |
| 8"          | 24"              | 24" | 30" | 30" |
| 10"         | 30"              | 30" | 36" | 36" |
| 12"         | 30"              | 30" | 36" | 36" |





# Nylon and Polyester Web Slings



type  
**5**  
endless  
or grommet

## HEAVY DUTY

| TYPE 5<br>(EN)   | RATED CAPACITIES IN LBS. |        |         |
|------------------|--------------------------|--------|---------|
|                  | VERTICAL                 | CHOKER | BASKET  |
| <b>ONE PLY</b>   |                          |        |         |
| EN1-901          | 3,200                    | 2,500  | 6,400   |
| EN1-902          | 6,400                    | 5,000  | 12,800  |
| EN1-903          | 8,600                    | 6,900  | 17,200  |
| EN1-904          | 11,500                   | 9,200  | 23,000  |
| EN1-906          | 16,300                   | 13,000 | 32,600  |
| EN1-908          | 19,200                   | 15,400 | 38,400  |
| EN1-910          | 22,400                   | 17,900 | 44,800  |
| EN1-912          | 26,900                   | 21,500 | 53,800  |
| <b>TWO PLY</b>   |                          |        |         |
| EN2-901          | 6,200                    | 4,900  | 12,400  |
| EN2-902          | 12,200                   | 9,800  | 24,400  |
| EN2-903          | 16,300                   | 13,000 | 32,600  |
| EN2-904          | 20,700                   | 16,500 | 41,400  |
| EN2-906          | 28,600                   | 23,000 | 57,200  |
| EN2-908          | 30,700                   | 24,500 | 61,400  |
| EN2-910          | 33,600                   | 26,800 | 67,200  |
| EN2-912          | 37,600                   | 30,000 | 75,200  |
| <b>THREE PLY</b> |                          |        |         |
| EN3-901          | 8,000                    | 6,400  | 16,000  |
| EN3-902          | 16,000                   | 12,800 | 32,000  |
| EN3-903          | 21,500                   | 17,200 | 43,000  |
| EN3-904          | 28,700                   | 23,000 | 57,400  |
| EN3-906          | 40,700                   | 32,500 | 81,400  |
| EN3-908          | 46,000                   | 36,800 | 92,000  |
| EN3-910          | 51,500                   | 41,200 | 103,000 |
| EN3-912          | 59,200                   | 47,300 | 118,400 |
| <b>FOUR PLY</b>  |                          |        |         |
| EN4-901          | 10,000                   | 8,000  | 20,000  |
| EN4-902          | 19,800                   | 15,800 | 39,600  |
| EN4-903          | 26,700                   | 21,300 | 53,400  |
| EN4-904          | 35,600                   | 28,400 | 71,200  |
| EN4-906          | 50,500                   | 40,400 | 101,000 |
| EN4-908          | 57,600                   | 46,000 | 115,200 |
| EN4-910          | 67,200                   | 53,700 | 134,400 |
| EN4-912          | 80,700                   | 64,500 | 161,400 |

## LIGHT DUTY

| TYPE 5<br>(EN)   | RATED CAPACITIES IN LBS. |        |        |
|------------------|--------------------------|--------|--------|
|                  | VERTICAL                 | CHOKER | BASKET |
| <b>ONE PLY</b>   |                          |        |        |
| EN1-701          | 2,400                    | 1,900  | 4,800  |
| EN1-702          | 4,800                    | 3,800  | 9,600  |
| EN1-703          | 6,500                    | 5,200  | 13,000 |
| EN1-704          | 8,600                    | 6,900  | 17,200 |
| EN1-706          | 12,200                   | 9,800  | 24,400 |
| <b>TWO PLY</b>   |                          |        |        |
| EN2-701          | 4,800                    | 3,800  | 9,600  |
| EN2-702          | 9,600                    | 7,700  | 19,200 |
| EN2-703          | 11,700                   | 9,400  | 23,400 |
| EN2-704          | 15,500                   | 12,400 | 31,000 |
| EN2-706          | 22,500                   | 18,000 | 45,000 |
| <b>THREE PLY</b> |                          |        |        |
| EN3-701          | 6,200                    | 4,900  | 12,400 |
| EN3-702          | 12,500                   | 10,000 | 25,000 |
| EN3-703          | 16,300                   | 13,000 | 32,600 |
| EN3-704          | 20,600                   | 16,400 | 41,200 |
| EN3-706          | 29,300                   | 23,400 | 58,600 |
| <b>FOUR PLY</b>  |                          |        |        |
| EN4-701          | 7,700                    | 6,200  | 15,400 |
| EN4-702          | 15,500                   | 12,400 | 31,000 |
| EN4-703          | 20,800                   | 16,600 | 41,600 |
| EN4-704          | 26,600                   | 21,200 | 53,200 |
| EN4-706          | 37,800                   | 30,200 | 75,600 |

## Cordura Lined Reversed Eye Slings



type  
**6**

reversed eye

### HEAVY DUTY

| TYPE 6 (RE)      | VERTICAL | CHOKER | BASKET | SLING WIDTH | EYE LENGTH |
|------------------|----------|--------|--------|-------------|------------|
| <b>ONE PLY</b>   |          |        |        |             |            |
| RE1-902          | 4,500    | 3,600  | 9,000  | 2           | 9          |
| RE1-904          | 7,700    | 6,200  | 15,400 | 4           | 15         |
| RE1-906          | 11,000   | 8,800  | 22,000 | 6           | 15         |
| <b>TWO PLY</b>   |          |        |        |             |            |
| RE2-902          | 6,500    | 5,200  | 13,000 | 2           | 9          |
| RE2-904          | 13,000   | 10,400 | 26,000 | 4           | 15         |
| RE2-906          | 20,000   | 16,000 | 40,000 | 6           | 15         |
| <b>THREE PLY</b> |          |        |        |             |            |
| RE3-904          | 16,400   | 13,100 | 32,800 | 4           | 15         |
| RE3-906          | 25,500   | 20,400 | 51,000 | 6           | 15         |
| <b>FOUR PLY</b>  |          |        |        |             |            |
| RE4-906          | 34,000   | 27,200 | 68,000 | 6           | 15         |



type  
**7**

flat eye

### LIGHT DUTY

| TYPE 6 (RE)      | VERTICAL | CHOKER | BASKET | SLING WIDTH | EYE LENGTH |
|------------------|----------|--------|--------|-------------|------------|
| <b>ONE PLY</b>   |          |        |        |             |            |
| RE1-702          | 3,600    | 2,900  | 7,200  | 2           | 9          |
| RE1-704          | 6,800    | 5,400  | 13,600 | 4           | 15         |
| RE1-706          | 8,000    | 6,400  | 16,000 | 6           | 15         |
| <b>TWO PLY</b>   |          |        |        |             |            |
| RE2-702          | 5,200    | 4,200  | 10,400 | 2           | 9          |
| RE2-704          | 10,500   | 8,400  | 21,000 | 4           | 15         |
| RE2-706          | 14,400   | 11,500 | 28,000 | 6           | 15         |
| <b>THREE PLY</b> |          |        |        |             |            |
| RE3-704          | 14,000   | 11,200 | 28,000 | 4           | 15         |
| RE3-706          | 20,000   | 16,000 | 40,000 | 6           | 15         |



### Wide Body Basket

When surface area is more critical than weight capacity, a wide body basket is the preferred alternative. A wide body basket is also an economical approach to load balancing. Contact a SWWR specialist for more information on Wide Body and Load Balancing Baskets.

type  
**8**

wide body basket



type  
**9**

load balancer basket

### Multi-leg Bridle

A multi-leg bridle can be manufactured from either flat web or polyester round slings. SWWR application specialists are available to assist in determining the best configuration for your lifting requirements.



type  
**10**

multi-leg bridle



## Round Slings Tubular Polyester Round Slings

Lift Capacities according to polyester round sling type (color) and hitch used.

| CODE    | COLOR  | CAPACITIES IN LBS. |        |         | MINIMUM LENGTH |
|---------|--------|--------------------|--------|---------|----------------|
|         |        | VERTICAL           | CHOKER | BASKET  |                |
| SWG30   | PURPLE | 2,650              | 2,120  | 5,300   | 3 ft.          |
| SWG60   | GREEN  | 5,300              | 4,240  | 10,600  | 3 ft.          |
| SWG90   | YELLOW | 8,400              | 6,720  | 16,800  | 3 ft.          |
| SWG120  | TAN    | 10,600             | 8,500  | 21,200  | 3 ft.          |
| SWG150  | RED    | 13,200             | 10,560 | 26,400  | 3 ft.          |
| SWG180  | ORANGE | 16,800             | 13,440 | 33,600  | 3 ft.          |
| SWG240  | BLUE   | 21,200             | 17,000 | 42,400  | 3 ft.          |
| SWG300  | ORANGE | 25,000             | 20,000 | 50,000  | 3 ft.          |
| SWG360  | GREY   | 31,700             | 25,300 | 63,400  | 3 ft.          |
| SWG500  | ORANGE | 40,000             | 32,000 | 80,000  | 3 ft.          |
| SWG600  | BROWN  | 52,900             | 42,300 | 105,800 | 6 ft.          |
| SWG800  | OLIVE  | 66,100             | 52,880 | 132,200 | 6 ft.          |
| SWG1000 | BLACK  | 90,000             | 72,000 | 180,000 | 6 ft.          |

### Removal from Service

A polyester round sling shall be removed from service if any of the following is visible:

- If polyester round slings identification tag is missing or unreadable.
- Melting, charring or weld spatter of any part of the polyester round sling.
- Holes, tears cuts, embedded particles, abrasive wear, or snags that expose the core fibers of the polyester round sling.
- Broken or worn stitching in the cover which exposes the core fibers.
- Fittings when damaged, stretched or distorted in any way.
- Polyester round slings that are knotted.
- Acid or alkalis burns of the polyester round sling.
- Any conditions which cause doubt as to the strength of the polyester round sling.

## 8 Part Braided Round Slings

| CODE    | COLOR  | RATED CAPACITIES IN LBS. |         |         | APPROXIMATE MEASUREMENTS |                   |                         |                         |                         |                |
|---------|--------|--------------------------|---------|---------|--------------------------|-------------------|-------------------------|-------------------------|-------------------------|----------------|
|         |        | VERTICAL                 | CHOKER  | BASKET  | MINIMUM LENGTH (FT.)     | WEIGHT (LBS./FT.) | STANDARD EYE (EL) (IN.) | WIDTH AT LOAD (W) (IN.) | THICKNESS AT LOAD (IN.) | EYE DIA. (IN.) |
| SWG30   | PURPLE | 8,800                    | 7,100   | 17,600  | 4 1/2                    | 1.1               | 15                      | 3 1/2                   | 1                       | 1 3/4          |
| SWG60   | GREEN  | 18,000                   | 14,400  | 36,000  | 5                        | 1.5               | 15                      | 4                       | 1 9/8                   | 2              |
| SWG90   | YELLOW | 28,500                   | 22,800  | 57,000  | 5 1/2                    | 2.2               | 15                      | 4 3/4                   | 1 5/8                   | 2 1/2          |
| SWG120  | TAN    | 36,000                   | 28,800  | 72,000  | 5 1/2                    | 2.6               | 15                      | 5                       | 1 3/4                   | 2 1/2          |
| SWG150  | RED    | 44,900                   | 35,900  | 89,800  | 6 1/2                    | 3.6               | 20                      | 6                       | 2 1/6                   | 2 3/4          |
| SWG180  | ORANGE | 57,100                   | 45,600  | 114,200 | 7                        | 4.1               | 20                      | 6 1/4                   | 2 1/2                   | 3 1/4          |
| SWG240  | BLUE   | 72,000                   | 57,600  | 144,000 | 9                        | 5.6               | 20                      | 7 1/2                   | 2 3/4                   | 3 3/4          |
| SWG360  | GREY   | 105,400                  | 84,300  | 210,800 | 9 1/2                    | 8.3               | 30                      | 9 1/2                   | 3 1/4                   | 4 1/2          |
| SWG600  | BROWN  | 180,200                  | 144,100 | 360,400 | 10 1/2                   | 12.0              | 30                      | 13                      | 3 3/4                   | 5 1/2          |
| SWG800  | OLIVE  | 224,400                  | 179,500 | 448,800 | 13                       | 16.0              | 30                      | 13 1/2                  | 4 1/2                   | 6              |
| SWG1000 | BLACK  | 306,000                  | 244,000 | 612,000 | 14 1/2                   | 20.0              | 31                      | 15 3/4                  | 5 1/4                   | 6 1/2          |

Endless and Eye & Eye styles of Round Slings are made to a tolerance of  $\pm 1\%$  of the specified length ( $\pm 1"$  minimum tolerance) and can stretch 3% at rated capacity.

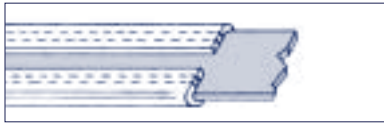
Braided Round Slings length tolerance is  $\pm 5\%$  of the ordered length (sling at rest). At its rated capacity, braided Round Slings will stretch approximately 9%.

**Note: Matched lengths of slings must be specified at time of order.  
Higher capacity round slings available upon request.**

## Wear Pads

SCUFF EDGE™

EDGE GUARD



SLEEVE



REGULAR



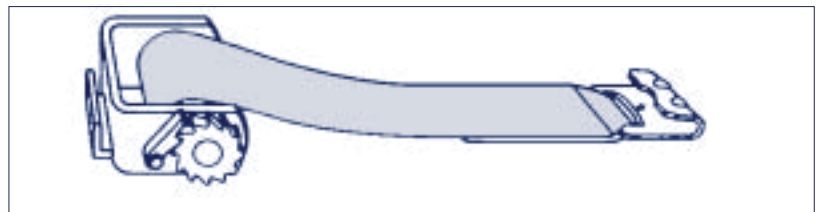
WRAP



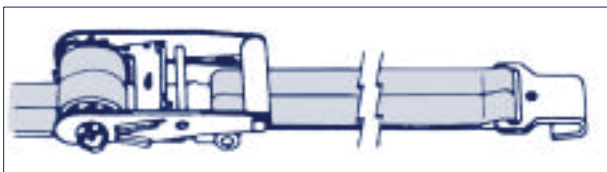
## Truck Tiedowns

### Polyester Webbing

- 27' and 30' Standard Lengths
- Fits Standard 3" & 4" Winches
- Manufactured to Customer Order
- Corner Protectors, Sliding Sleeves Available
- Meets or Exceeds California and Federal Regulations



### Ratchet Snugger (Truck Tiedown)



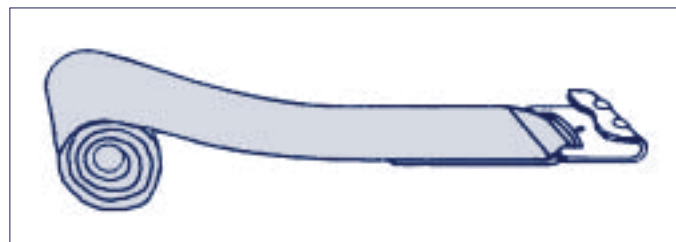
| Size               | W.L.L. |
|--------------------|--------|
| 1" X 10' W/Ratchet | 1500   |
| 1" X 12' W/Ratchet | 1500   |
| 2" X 27' W/Ratchet | 3300   |
| 3" X 27' W/Ratchet | 5000   |
| 4" X 27' W/Ratchet | 5000   |

5

### Replacement Strap for Standard Truck Tiedowns

| Size | W.L.L. |
|------|--------|
| 3"   | 5000   |
| 4"   | 5000   |

Length to your requirements





**SOUTHWEST  
WIRE ROPE LP**



**SOUTHWEST  
WIRE ROPE LP**



Full Body Harness, D-rings center back only.  
Note: The fall-protection attachment point must always be the center back D-ring.



THE ULTIMATE  
IN FALL PROTECTION

Custom Harnesses  
Available for Your  
Application



Cable Retractable Lanyards



100% tie-off, shock-absorbing  
Y-lanyard.

5

## Cordage

### Comparative Weight Strength and Working Load Chart

| NOMINAL SIZE |               | MANILA                                     |   |   | NYLON                                      |   |   | POLYPROPYLENE                              |   |   |
|--------------|---------------|--|---|---|--|---|---|--|---|---|
|              |               | Linear Density <sup>1</sup><br>(Lbs/100ft) | Minimum Tensile Strength <sup>2</sup><br>(Lbs.) | Max. Working <sup>3</sup><br>Load<br>(Lbs.) | Linear Density <sup>1</sup><br>(Lbs/100ft) | Minimum Tensile Strength <sup>2</sup><br>(Lbs.) | Max. Working <sup>3</sup><br>Load<br>(Lbs.) | Linear Density <sup>1</sup><br>(Lbs/100ft) | Minimum Tensile Strength <sup>2</sup><br>(Lbs.) | Max. Working <sup>3</sup><br>Load<br>(Lbs.) |
| Diameter     | Circumference |  |   |   |  |   |   |  |   |   |
| 3/16         | 5/8           | 1.5  | 406   | 41  | 1.0  | 900   | 75  | 0.7  | 720   | 72  |
| 1/4          | 3/4           | 2.0  | 540   | 54  | 1.5  | 1,490   | 124   | 1.2  | 1,130   | 113   |
| 5/16         | 1             | 2.9  | 900   | 90  | 2.5  | 2,300   | 192   | 1.8  | 1,710   | 171   |
| 3/8          | 1 1/8         | 4.1  | 1,220   | 122   | 3.5  | 3,340   | 278   | 2.8  | 2,440   | 244   |
| 7/16         | 1 1/4         | 5.3  | 1,580   | 176   | 5.0  | 4,500   | 410   | 3.8  | 3,160   | 352   |
| 1/2          | 1 1/2         | 7.5  | 2,380   | 264   | 6.5  | 5,750   | 525   | 4.7  | 3,780   | 420   |
| 9/16         | 1 3/4         | 10.4                                       | 3,100   | 388   | 8.2  | 7,200   | 720   | 6.1  | 4,600   | 575   |
| 5/8          | 2             | 13.3                                       | 3,960   | 496   | 10.5                                       | 9,350   | 935   | 7.5  | 5,600   | 700   |
| 3/4          | 2 1/4         | 16.7                                       | 4,860   | 695   | 14.5                                       | 12,800  | 1,420                                       | 10.7                                       | 7,650   | 1,090                                       |
| 13/16        | 2 1/2         | 19.5                                       | 5,850   | 835   | 17.0                                       | 15,300  | 1,700                                       | 12.7                                       | 8,900   | 1,270                                       |
| 7/8          | 2 3/4         | 22.4                                       | 6,950   | 995   | 20.0                                       | 18,000  | 2,000                                       | 15.0                                       | 10,400  | 1,490                                       |
| 1            | 3             | 27.0                                       | 8,100   | 1,160                                       | 26.4                                       | 22,600  | 2,520                                       | 18.0                                       | 12,600  | 1,800                                       |
| 1 1/16       | 3 1/4         | 31.2                                       | 9,450   | 1,350                                       | 29.0                                       | 26,000  | 2,880                                       | 20.4                                       | 14,400  | 2,060                                       |
| 1 1/8        | 3 1/2         | 36.0                                       | 10,800  | 1,540                                       | 34.0                                       | 29,800  | 3,320                                       | 23.8                                       | 16,500  | 2,360                                       |
| 1 1/4        | 3 3/4         | 41.6                                       | 12,200  | 1,740                                       | 40.0                                       | 33,800  | 3,760                                       | 27.0                                       | 18,900  | 2,700                                       |
| 1 15/16      | 4             | 47.8                                       | 13,500  | 1,930                                       | 45.0                                       | 38,800  | 4,320                                       | 30.4                                       | 21,200  | 3,020                                       |
| 1 1/2        | 4 1/2         | 60.0                                       | 16,700  | 2,380                                       | 55.0                                       | 47,800  | 5,320                                       | 38.4                                       | 26,800  | 3,820                                       |
| 1 5/8        | 5             | 74.5                                       | 20,200  | 2,880                                       | 66.5                                       | 58,500  | 6,500                                       | 47.6                                       | 32,400  | 4,620                                       |
| 1 3/4        | 5 1/2         | 89.5                                       | 23,800  | 3,400                                       | 83.0                                       | 70,000  | 7,800                                       | 59.0                                       | 38,800  | 5,550                                       |
| 2            | 6             | 108.0                                      | 28,000  | 4,000                                       | 95.0                                       | 83,000  | 9,200                                       | 69.0                                       | 46,800  | 6,700                                       |
| 2 1/8        | 6 1/2         | 125.0                                      | 32,400  | 4,620                                       | 109.0                                      | 95,500  | 10,600                                      | 80.0                                       | 55,000  | 7,850                                       |
| 2 1/4        | 7             | 146.0                                      | 37,000  | 5,300                                       | 129.0                                      | 113,000   | 12,600                                      | 92.0                                       | 62,000  | 8,850                                       |
| 2 1/2        | 7 1/2         | 167.0                                      | 41,800  | 5,950                                       | 149.0                                      | 126,000   | 14,000                                      | 107.0                                      | 72,000  | 10,300                                      |
| 2 5/8        | 8             | 191.0                                      | 46,800  | 6,700                                       | 168.0                                      | 146,000   | 16,200                                      | 120.0                                      | 81,000  | 11,600                                      |
| 2 7/8        | 8 1/2         | 215.0                                      | 52,000  | 7,450                                       | 189.0                                      | 162,000   | 18,000                                      | 137.0                                      | 91,000  | 13,000                                      |
| 3            | 9             | 242.0                                      | 57,500  | 8,200                                       | 210.0                                      | 180,000   | 20,000                                      | 153.0                                      | 103,000   | 14,700                                      |
| 3 1/4        | 10            | 298.0                                      | 69,500  | 9,950                                       | 264.0                                      | 226,000   | 25,200                                      | 190.0                                      | 123,000   | 17,600                                      |
| 3 5/8        | 11            | 366.0                                      | 82,000  | 11,700                                      | 312.0                                      | 270,000   | 30,000                                      | 232.0                                      | 146,000   | 20,800                                      |
| 4            | 12            | 434.0                                      | 94,500  | 13,500                                      | 380.0                                      | 324,000   | 36,000                                      | 276.0                                      | 171,000   | 24,000                                      |
| 4 1/4        | 13            | -  | -   | -   | 445.0                                      | 380,000   | 42,200                                      | 325.0                                      | 202,000   | 28,900                                      |
| 4 1/2        | 14            | -  | -   | -   | 520.0                                      | 441,000   | 49,000                                      | 375.0                                      | 234,000   | 33,400                                      |
| 5            | 15            | -  | -   | -   | 590.0                                      | 507,000   | 56,300                                      | 430.0                                      | 268,000   | 38,300                                      |
| 5 1/4        | 16            | -  | -   | -   | 675.0                                      | 572,000   | 63,600                                      | 490.0                                      | 302,000   | 43,100                                      |
| 5 5/8        | 17            | -  | -   | -   | 765.0                                      | 635,000   | 70,600                                      | 555.0                                      | 329,000   | 47,000                                      |
| 6            | 18            | -  | -   | -   | 860.0                                      | 698,000   | 77,600                                      | 625.0                                      | 360,000   | 51,400                                      |

**NOTES:**

1. LINEAR DENSITY: (pounds per 100 feet) shown is "average." Maximum is 5% higher.
2. NEW ROPE TENSILE STRENGTHS: are based on tests of new and unused rope of standard construction in accordance with Cordage Institute Standard Test Methods.
3. MAX. WORKING LOADS: are for rope in good condition with appropriate splices in noncritical applications, and under normal service conditions. Working loads should be reduced where life, limb, or valuable property are involved, or for exceptional service conditions such as shock loads, sustained loads, etc.

These specifications are for 3-strand laid standard ropes. Four-strand ropes weigh approximately 7% more and breaking tests are approximately 5% less than 3 strand ropes.

**CAUTION!**

1. Working loads are recommended guidelines only.
2. Specs are based on test of new and unused ropes of current manufacturers.
3. Once rope is put into service it is continuously deteriorating.
4. Manila and sisal rope will deteriorate in storage even under ideal conditions.