

# Synthetic Web And Round Slings



# Nylon and Polyester Web Slings



type  
**1**  
triangle choker

type  
**2**  
triangle triangle

## HEAVY DUTY

TYPE 1 (TC)	TYPE 2* (TT)	RATED CAPACITIES 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 (TC)	TYPE 2* (TT)	RATED CAPACITIES 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) & 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) & TYPE 4 (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 (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 (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.

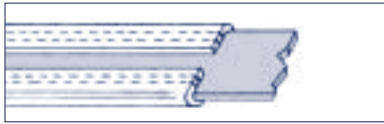
Braided Round Slings length tolerance is  $\pm 5\%$  of the ordered length (sling at rest). At its rated capacity, braided Round Slings will stretch approximately 9%.

**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**



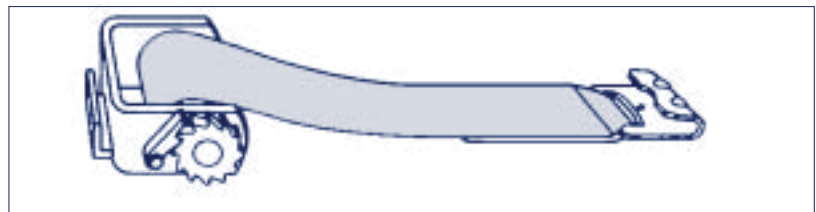
**WRAP**



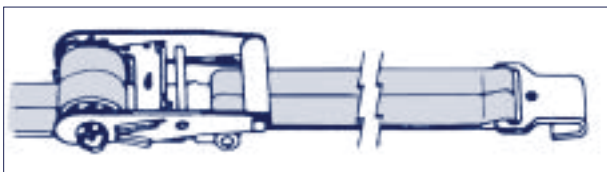
# Truck Tiedowns

## 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)

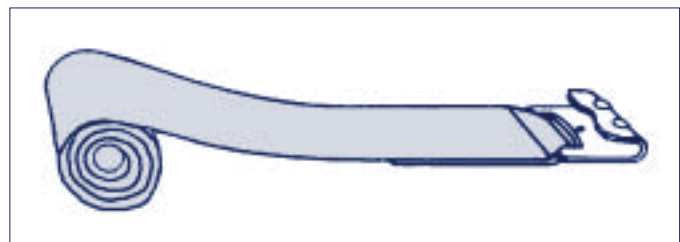


Size	W.L.L.
1" X 10' W/Ratchet	1500
1" X 12' W/Ratchet	1500
2" X 27' W/Ratchet	3300
3" X 27' W/Ratchet	5000
4" X 27' W/Ratchet	5000

## Replacement Strap for Standard Truck Tiedowns

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

Length to your requirements







**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.



**SOUTHWEST  
WIRE ROPE LP**



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> (Lbs/100ft)	Minimum Tensile Strength <sup>2</sup> (Lbs.)	Max. Working <sup>3</sup> Load (Lbs.)	Linear Density <sup>1</sup> (Lbs/100ft)	Minimum Tensile Strength <sup>2</sup> (Lbs.)	Max. Working <sup>3</sup> Load (Lbs.)	Linear Density <sup>1</sup> (Lbs/100ft)	Minimum Tensile Strength <sup>2</sup> (Lbs.)	Max. Working <sup>3</sup> Load (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.