

# SYNTHETIC SLINGS

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 **STREN-FLEX®**  
STRENGTH & FLEXIBILITY IN LIFTING

## ORDERING TIPS

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### CAUTION

All capacities, dimensions, and other information in this catalog are subject to change without notice. Use for preliminary reference only.

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### Specify when ordering:

- Sling Material (Nylon/Polyester)
- Type of Sling
  - (TC) Type 1 Triangle-Choker
  - (TT) Type 2 Triangle-Triangle
  - (EEF) Type 3 Eye & Eye Flat
  - (EET) Type 4 Eye & Eye Twist
  - (EN) Type 5 Endless
  - (RE) Type 6 Reverse Eye
  - (WB) Type 8 Heavy Duty Basket
  - (LB) Type 9 Light Duty Cargo
  - (BR) Bridle Web Sling
  - (ENR) Endless Roundslings
  - (EER) Eye & Eye Roundslings
  - (BRR) Bridle Roundslings
- Number of Body Plys (1 - 4)
- Grade of Webbing
  - (7) Light Duty 7,000 lb. webbing
  - (9) Heavy Duty 9,800 lb. webbing
- Web Width (1" - 12")
- Sling Length (pull-to-pull)
- Wear Pads (if applicable)

## Sling Material

Synthetic slings are made of nylon and polyester to suit various applications. When choosing a material, STREN-FLEX® recommends considering a material's resistance to specific chemicals, temperature, and stretch factor. STREN-FLEX® recommends nylon web slings for most web sling applications, and polyester roundslings are useful in applications requiring low stretch and acid resistant materials. All standard STREN-FLEX® slings are sewn using nylon webbing unless polyester webbing is specified by the customer.

### Nylon

- Standard sling material
- Resistant to alcohols, ethers and strong alkalies
- Stretch factor of 10%

### Polyester

- Used in some situations where acid is present
- Stretch factor of 3%

	Use	Max. Temperature	Stretch Factor Rated Load	Cost	Chemical Safe Use														
					Most Acids	Alcohol	Aldehydes	Strong Alkalines	Bleaching Agents	Dry Solvents	Ethers	Halogenated Hydrocarbons	Hydrocarbons	Ketones	Oil Crude	Oil Lubricating	Soaps/Detergents	Water, Seawater	Weak Alkalines
Nylon	Most	194°	10%	Same	NO	OK	OK	OK	NO	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Polyester	Least	194°	3%	Same	*	OK	NO	**	OK	OK	NO	OK	OK	OK	OK	OK	OK	OK	OK

\* Disintegrated by concentrated sulphuric acid

\*\* Degraded by strong alkalies at elevated temperatures

## APPLICATION TIPS

### Load Factor Considerations

Rated lifting capacity must be greater than the weight of the load to be lifted because the weight of the load supported by each leg increases as the leg angle decreases. Use the following worksheet to determine the load factor. You will need a sling with a rated capacity equal to or greater than the rated capacity required for the corresponding rigging technique.

Calculating the Load Factor:

Weight of Load (lbs.) \_\_\_\_\_ lbs.  
 Number of Legs Supporting Load ÷ \_\_\_\_\_  
 Total 1: Minimum weight on each leg = \_\_\_\_\_  
 Load Factor (max. leg angle: \_\_\_\_\_) × \_\_\_\_\_ (from chart)  
 Total 2: Maximum weight on each leg = \_\_\_\_\_ lbs.  
 Number of Legs Supporting Load × \_\_\_\_\_  
 Minimum Rated Capacity Required = \_\_\_\_\_ lbs.

### Load Factor Chart

Leg Angle	Load Factor
90°	1.000
85°	1.003
80°	1.015
75°	1.035
70°	1.064
65°	1.103
60°	1.154
55°	1.220
50°	1.305
45°	1.414
40°	1.555
35°	1.743
30°	2.000

Angles less than 30° should not be used.

### Abrasion Resistance

The addition of abrasion resistant materials is an economic method to extend the life of your STREN-FLEX® synthetic sling. STREN-FLEX® with Monster Edge webbing and Gorilla Guard® protective coverings are common additions that provide superior abrasion resistance.

#### STREN-FLEX® with Monster Edge®

- Recommended for all heavy duty slings
- Most economic abrasion resistance option
- Most durable nylon sling material available
- Integrated abrasion resistant fibers on edges
- Resists cutting and abrasion on edges



#### SuperTag

- Stren-Flex® SuperTag is a pre-formed, molded, abrasion resistant tag with raised lettering
- Standard on **all** Stren-Flex® slings
- Guaranteed for the **life** of the sling



#### Gorilla-Guard® Abrasion Control

- Abrasion resistant material recommended for high-abrasion, heavy duty slings
- Provides extra protection for the body, eye, and edges of a sling
- Gorilla Guard® protective coverings match chemical and stretch properties of all STREN-FLEX® synthetic slings



#### Gorilla-Guard® Sleeves

- Recommended for handling sharp edges
- Cost effective sling protection
- Sleeves available in leather, cordura and kevlar
- Available in three styles:
  - Fixed Sleeve – do not slide and cannot be removed
  - Sliding Sleeve – slide freely on the sling but cannot be removed
  - Quick Sleeve – slide freely and removable



# TYPE 1 - TRIANGLE CHOKER

## Type 1 - Triangle Choker Sling (TC)

- Steel or aluminum end fittings
- Connects easily to most hoist hooks
- Basket, choker or vertical configuration
- Gorilla-Guard® and Monster Edge® available



## TRIANGLE CHOKER SPECIFICATIONS

Part #	Web Width (in.)	Ply	Rated Capacity in Pounds					
			Rigging Technique			Basket Leg Angle		
			Vertical	Choker	Basket	60°	45°	30°
TC1-902	2"	1	3,200	2,500	6,400	5,500	4,500	3,200
TC2-902		2	6,400	5,000	12,800	11,100	9,000	6,400
TC3-902		3	8,200	6,600	16,500	14,300	11,600	8,200
TC4-902		4	12,200	9,800	24,400	21,100	17,200	12,200
TC1-903	3"	1	4,800	3,800	9,600	8,300	6,800	4,800
TC2-903		2	8,900	7,200	17,800	15,400	12,600	8,900
TC3-903		3	12,300	9,900	24,600	21,300	17,400	12,300
TC4-903		4	18,000	13,500	36,000	31,100	25,400	18,000
TC1-904	4"	1	6,400	5,000	12,800	11,100	9,000	6,400
TC2-904		2	12,000	9,600	24,000	20,800	17,000	12,000
TC3-904		3	15,300	12,200	30,600	26,500	21,600	15,300
TC4-904		4	24,000	18,000	48,000	41,500	33,900	24,000
TC1-905	5"	1	8,000	6,400	16,000	13,800	11,300	8,000
TC2-905		2	14,250	11,400	28,500	24,600	20,100	14,250
TC3-905		3	22,500	18,000	45,000	38,900	31,800	22,500
TC4-905		4	30,000	22,500	60,000	51,900	42,400	30,000
TC1-906	6"	1	9,600	7,600	19,200	16,600	13,600	9,600
TC2-906		2	18,000	14,400	36,000	31,100	25,400	18,000
TC3-906		3	23,000	18,400	46,000	39,800	32,500	23,000
TC4-906		4	36,000	24,000	72,000	62,300	50,900	36,000
TC1-908	8"	1	12,800	10,000	25,600	22,200	18,100	12,800
TC2-908		2	22,800	18,000	45,600	39,500	32,200	22,800
TC3-908		3	34,000	27,200	68,000	58,900	48,000	34,000
TC4-908		4	45,000	36,000	90,000	77,900	63,600	45,000
TC1-910	10"	1	16,000	12,800	32,000	27,700	22,600	16,000
TC2-910		2	28,000	22,500	56,000	48,500	39,500	28,000
TC3-910		3	36,000	28,500	72,000	62,300	50,900	36,000
TC4-910		4	55,000	44,000	110,000	95,200	77,700	55,000
TC1-912	12"	1	19,200	15,400	38,400	33,200	27,100	19,200
TC2-912		2	33,600	26,750	67,200	58,200	47,500	33,600
TC3-912		3	46,000	36,500	92,000	79,600	65,000	46,000
TC4-912		4	66,000	52,800	132,000	114,300	93,300	66,000

Caution: Do not use aluminum fittings near acids, alkalis, or other corrosive agents. The above capacities are for steel hardware only. Aluminum hardware is for use with single ply slings only.

## TYPE 2 – TRIANGLE TRIANGLE

### Type 2 - Triangle Triangle Sling (TT)

- Steel or aluminum end fittings
- Connects easily to most hoist hooks
- Basket or vertical configuration
- Gorilla-Guard® and Monster Edge® available



### TRIANGLE TRIANGLE SPECIFICATIONS

Part #	Web Width (in.)	Ply	Rated Capacity in Pounds				
			Rigging Technique		Basket Leg Angle		
			Vertical	Basket	60°	45°	30°
TT1-902	2"	1	3,200	6,400	5,500	4,500	3,200
TT2-902		2	6,400	12,800	11,100	9,000	6,400
TT3-902		3	8,200	16,500	14,300	11,600	8,200
TT4-902		4	12,200	24,400	21,100	17,200	12,200
TT1-903	3"	1	4,800	9,600	8,300	6,800	4,800
TT2-903		2	8,900	17,800	15,400	12,600	8,900
TT3-903		3	12,300	24,600	21,300	17,400	12,300
TT4-903		4	18,000	36,000	31,100	25,400	18,000
TT1-904	4"	1	6,400	12,800	11,100	9,000	6,400
TT2-904		2	12,000	24,000	20,800	17,000	12,000
TT3-904		3	15,300	30,600	26,500	21,600	15,300
TT4-904		4	24,000	48,000	41,500	33,900	24,000
TT1-905	5"	1	8,000	16,000	13,800	11,300	8,000
TT2-905		2	14,250	28,500	24,600	20,100	14,250
TT3-905		3	22,500	45,000	38,900	31,800	22,500
TT4-905		4	30,000	60,000	51,900	42,400	30,000
TT1-906	6"	1	9,600	19,200	16,600	13,600	9,600
TT2-906		2	18,000	36,000	31,100	25,400	18,000
TT3-906		3	23,000	46,000	39,800	32,500	23,000
TT4-906		4	36,000	72,000	62,300	50,900	36,000
TT1-908	8"	1	12,800	25,600	22,200	18,100	12,800
TT2-908		2	22,800	45,600	39,500	32,200	22,800
TT3-908		3	34,000	68,000	58,900	48,000	34,000
TT4-908		4	45,000	90,000	77,900	63,600	45,000
TT1-910	10"	1	16,000	32,000	27,700	22,600	16,000
TT2-910		2	28,000	56,000	48,500	39,500	28,000
TT3-910		3	36,000	72,000	62,300	50,900	36,000
TT4-910		4	55,000	110,000	95,200	77,700	55,000
TT1-912	12"	1	19,200	38,400	33,200	27,100	19,200
TT2-912		2	33,600	67,200	58,200	47,500	33,600
TT3-912		3	46,000	92,000	79,600	65,000	46,000
TT4-912		4	66,000	132,000	114,300	93,300	66,000

Caution: Do not use aluminum fittings near acids, alkalis, or other corrosive agents. The above capacities are for steel hardware only. Aluminum hardware is for use with single ply slings only.

## Type 3 - Light Duty Eye & Eye Sling (EEF)

- All-purpose, low-profile light duty sling
- Vertical, choker or basket configuration
- Most common sling type



Type 3 — Eye & Eye Flat

## Type 4 - Light Duty Eye & Eye Twist (EET)

- Same capacities and sizes as Eye & Eye Flat
- Designed specifically for use in a choker hitch
- Vertical, choker or basket configuration
- Replace EEF with EET to order



Type 4 — Eye & Eye Twist

### LIGHT DUTY EYE & EYE FLAT SPECIFICATIONS

Part #	Web Width	Plys	Min. Length (ft.)	Rated Capacity in Pounds			Basket Leg Angle			Eye Length	Eye Width
				Rigging Technique			60°	45°	30°		
				Vertical	Choker	Basket					
EEF-1-701	1"	1	3'	1,200	900	2,400	2,100	1,700	1,200	8"	1"
EEF-2-701		2	3'	2,400	2,000	4,800	4,200	3,400	2,400	8"	1"
EEF-1-702	2"	1	4'	2,400	2,000	4,800	4,200	3,400	2,400	10"	2"
EEF-2-702		2	3'	4,800	3,800	9,600	8,300	6,800	4,800	10"	2"
EEF-1-703	3"	1	4'	3,600	2,900	7,200	6,200	5,100	3,600	12"	1.5"
EEF-2-703		2	4'	6,650	5,300	13,300	11,500	9,400	6,700	12"	1.5"
EEF-1-704	4"	1	4'	4,800	3,800	9,600	8,300	6,800	4,800	12"	2"
EEF-2-704		2	4'	8,600	6,900	17,200	15,000	12,200	8,600	12"	2"

Note: Type 3 slings are tapered at 3" and wider.

## Type 5 - Light Duty Endless Sling (EN)

- Light duty, all-purpose sling
- Readily adjustable to account for wear
- Available from 1 - 4 plys up to 6" web width
- Capacities up to 34,600 lbs.
- Vertical, choker or basket configuration



### LIGHT DUTY ENDLESS SLING SPECIFICATIONS

Part #	Web Width (in.)	Ply	Rated Capacity in Pounds					
			Rigging Technique			Basket Leg Angle		
			Vertical	Choker	Basket	60°	45°	30°
EN1-701	1"	1	2,400	2,000	4,800	4,200	3,400	2,400
EN2-701		2	4,800	3,800	9,600	8,300	6,800	4,800
EN1-702	2"	1	4,800	3,800	9,600	8,300	6,800	4,800
EN2-702		2	9,600	7,700	19,200	16,600	13,600	9,600
EN1-703	3"	1	7,200	5,700	14,400	12,500	10,200	7,200
EN2-703		2	13,300	10,500	26,600	23,100	18,800	13,300
EN1-704	4"	1	9,600	7,700	19,200	16,600	13,600	9,600
EN2-704		2	17,300	13,500	34,600	30,000	24,400	17,300

\* Light duty webbing can offer a small cost advantage in light duty applications; however, light duty webbing is thinner and more susceptible to damage in abusive situations.

\* 1 & 2 ply slings can be tapered upon request.

# TYPE 3 / 4 - HEAVY DUTY EYE & EYE

## Type 3 / 4 - Heavy Duty Eye & Eye Sling (EE)

- All-purpose, low-profile heavy duty sling
- Available up to 12" with 1 - 4 plys
- Vertical, choker or basket configuration
- Gorilla-Guard® and Monster Edge® available
- Type 3 slings tapered at 3" standard



Type 3 — Eye & Eye Flat



Type 4 — Eye & Eye Twist

## HEAVY DUTY EYE & EYE FLAT SPECIFICATIONS

Part #	Web Width	Ply	Rated Capacity in Pounds			Basket Leg Angle			Eye Length	Eye Width
			Rigging Technique			60°	45°	30°		
			Vertical	Choker	Basket					
EEF-1-901	1"	1	1,600	1,200	3,200	2,800	2,300	1,600	8"	1"
EEF-2-901		2	3,200	2,500	6,400	5,500	4,500	3,200	8"	1"
EEF-3-901		3	4,100	3,300	8,200	7,100	5,800	4,100	12"	1"
EEF-4-901		4	6,100	4,900	12,200	10,500	8,600	6,100	12"	1"
EEF-1-902	2"	1	3,200	2,500	6,400	5,500	4,500	3,200	10"	2"
EEF-2-902		2	6,400	5,000	12,800	11,100	9,000	6,400	10"	2"
EEF-3-902		3	8,200	6,600	16,500	14,300	11,600	8,200	12"	2"
EEF-4-902		4	12,200	9,800	24,400	21,100	17,200	12,200	12"	2"
EEF-1-903	3"	1	4,800	3,800	9,600	8,300	6,800	4,800	11"	1.5"
EEF-2-903		2	8,900	7,200	17,800	15,400	12,600	8,900	11"	1.5"
EEF-3-903		3	12,300	9,900	24,600	21,300	17,400	12,300	15"	1.5"
EEF-4-903		4	18,000	13,500	36,000	31,100	25,400	18,000	15"	1.5"
EEF-1-904	4"	1	6,400	5,000	12,800	11,100	9,000	6,400	12"	2"
EEF-2-904		2	12,000	9,600	24,000	20,800	17,000	12,000	12"	2"
EEF-3-904		3	15,300	12,200	30,600	26,500	21,600	15,300	16"	2"
EEF-4-904		4	24,000	18,000	48,000	41,500	33,900	24,000	16"	2"
EEF-1-905	5"	1	8,000	6,400	16,000	13,800	11,300	8,000	14"	1.75"
EEF-2-905		2	14,250	11,400	28,500	24,600	20,100	14,250	14"	1.75"
EEF-3-905		3	22,500	18,000	45,000	38,900	31,800	22,500	18"	2.5"
EEF-4-905		4	30,000	22,500	60,000	51,900	42,400	30,000	18"	2.5"
EEF-1-906	6"	1	9,600	7,600	19,200	16,600	13,600	9,600	16"	2"
EEF-2-906		2	18,000	14,500	36,000	31,100	25,400	18,000	16"	2"
EEF-3-906		3	23,000	18,400	46,000	39,800	32,500	23,000	18"	3"
EEF-4-906		4	36,000	24,000	72,000	62,300	50,900	36,000	18"	3"
EEF-1-908	8"	1	12,800	10,000	25,600	22,200	18,100	12,800	20"	3"
EEF-2-908		2	22,800	18,000	45,600	39,500	32,200	22,800	20"	3"
EEF-3-908		3	34,000	27,200	68,000	58,900	48,000	34,000	24"	4"
EEF-4-908		4	45,000	36,000	90,000	77,900	63,600	45,000	24"	4"
EEF-1-910	10"	1	16,000	12,800	32,000	27,700	22,600	16,000	24"	3.5"
EEF-2-910		2	28,000	22,500	56,000	48,500	39,500	28,000	24"	3.5"
EEF-3-910		3	36,000	28,500	72,000	62,300	50,900	36,000	24"	5"
EEF-4-910		4	55,000	44,000	110,000	95,200	77,700	55,000	24"	5"
EEF-1-912	12"	1	19,200	15,400	38,400	33,200	27,100	19,200	24"	4"
EEF-2-912		2	33,600	26,750	67,200	58,200	47,500	33,600	24"	4"
EEF-3-912		3	46,000	36,500	92,000	79,600	65,000	46,000	26"	6"
EEF-4-912		4	66,000	52,800	132,000	114,300	93,300	66,000	32"	6"

Note: Type 3 slings are tapered at 3" and wider unless otherwise specified.

## Type 5 - Heavy Duty Endless Sling (EN)

- Most versatile heavy duty sling
- Readily adjustable to account for wear
- Available from 1 - 4 plys
- Available up to 12" width
- Capacities up to 107,400 lbs.
- Vertical, choker or basket
- Gorilla-Guard® and Monster Edge® available



## HEAVY DUTY ENDLESS SLING SPECIFICATIONS

Part #	Width	Ply	Rated Capacity in Pounds					
			Rigging Technique			Basket Leg Angle		
			Vertical	Choker	Basket	60°	45°	30°
EN1-901	1"	1	3,200	2,500	6,400	5,500	4,500	3,200
EN2-901		2	6,400	5,000	12,800	11,100	9,000	6,400
EN3-901		3	9,000	7,200	18,000	15,500	12,700	9,000
EN4-901		4	11,000	8,800	22,000	19,000	15,500	11,000
EN1-902	2"	1	6,400	5,000	12,800	11,100	9,000	6,400
EN2-902		2	12,800	10,200	25,600	22,200	18,100	12,800
EN3-902		3	16,500	13,200	33,000	28,500	23,300	16,500
EN4-902		4	22,000	17,600	43,900	38,000	31,000	22,000
EN1-903	3"	1	9,600	7,600	19,200	16,600	13,600	9,600
EN2-903		2	18,000	14,000	36,000	31,100	25,400	18,000
EN3-903		3	24,700	19,800	49,400	42,800	34,900	24,700
EN4-903		4	32,900	26,300	65,800	57,700	46,600	32,900
EN1-904	4"	1	12,800	10,200	25,600	22,200	18,100	12,800
EN2-904		2	24,000	18,000	48,000	41,500	33,900	24,000
EN3-904		3	34,400	27,500	68,800	59,500	48,600	34,400
EN4-904		4	40,800	32,600	81,500	70,600	57,000	40,800
EN1-905	5"	1	16,000	12,000	32,000	27,700	22,600	16,000
EN2-905		2	28,000	22,400	56,000	48,400	39,500	28,000
EN3-905		3	42,000	33,600	84,000	72,700	59,300	42,000
EN4-905		4	56,000	44,800	112,000	97,000	79,100	56,000
EN1-906	6"	1	19,200	15,300	38,400	33,200	27,100	19,200
EN2-906		2	32,600	26,100	65,300	56,500	46,200	32,600
EN3-906		3	45,900	36,700	91,700	79,400	64,900	45,900
EN4-906		4	61,200	48,900	122,300	105,900	86,500	61,200
EN1-908	8"	1	25,600	20,500	51,200	44,300	36,200	25,600
EN2-908		2	41,000	32,800	81,900	70,900	57,900	41,000
EN1-910	10"	1	32,000	25,600	64,000	55,400	45,200	32,000
EN2-910		2	48,000	38,000	96,000	83,100	67,900	48,000
EN1-912	12"	1	38,400	30,700	76,800	66,500	54,300	38,400
EN2-912		2	53,700	43,000	107,400	93,000	76,000	53,700

\* 1 & 2 ply slings can be tapered upon request.



# TYPE 6 / 7 - CORDURA SLINGS

## Type 6 - Reverse Eye Sling (RE)

- Eyes and body covered with Gorilla-Guard®
- Eyes stand open at 90° to the sling body
- Easy to use in basket or choker hitches
- Capacities from 4,500 to 70,000 lbs.



### REVERSE EYE SPECIFICATIONS

Part #	Width	Ply	Rated Capacity in Pounds						Eye Length	Eye Width
			Rigging Technique			Basket Leg Angle				
			Vertical	Choker	Basket	60°	45°	30°		
RE1-902	2"	1	4,500	3,600	9,000	7,800	6,300	4,500	9"	1"
RE2-902		2	7,500	6,000	15,000	13,000	10,600	7,500	12"	1"
RE1-904	4"	1	8,600	6,900	17,200	14,900	12,100	8,600	12"	2"
RE2-904		2	14,500	11,600	29,000	25,100	20,500	14,500	15"	2"
RE3-904		3	20,400	16,300	40,800	35,300	28,800	20,400	18"	2"
RE4-904		4	23,000	18,400	46,000	39,800	32,500	23,000	18"	2"
RE1-906	6"	1	11,000	8,800	22,000	19,000	15,500	11,000	15"	3"
RE2-906		2	20,000	16,000	40,000	34,600	28,300	20,000	18"	3"
RE3-906		3	27,000	21,500	54,000	46,700	38,200	27,000	20"	3"
RE4-906		4	35,000	28,000	70,000	60,600	49,500	35,000	24"	3"

## Type 7 - Flat Eye Sling (FE)

- Eyes and body covered with Gorilla-Guard®
- Eyes lay flat for low profile
- Capacities from 4,500 to 70,000 lbs.

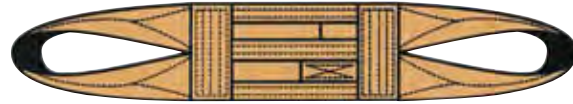


### FLAT EYE SPECIFICATIONS

Part #	Width	Ply	Rated Capacity in Pounds						Eye Length	Eye Width
			Rigging Technique			Basket Leg Angle				
			Vertical	Choker	Basket	60°	45°	30°		
FE1-902	2"	1	4,500	3,600	9,000	7,800	6,300	4,500	9"	1"
FE2-902		2	7,500	6,000	15,000	13,000	10,600	7,500	12"	1"
FE1-904	4"	1	8,600	6,900	17,200	14,900	12,100	8,600	12"	2"
FE2-904		2	14,500	11,600	29,000	25,100	20,500	14,500	15"	2"
FE3-904		3	20,400	16,300	40,800	35,300	28,800	20,400	18"	2"
FE4-904		4	23,000	18,400	46,000	39,800	32,500	23,000	18"	2"
FE1-906	6"	1	11,000	8,800	22,000	19,000	15,500	11,000	15"	3"
FE2-906		2	20,000	16,000	40,000	34,600	28,300	20,000	18"	3"
FE3-906		3	27,000	21,500	54,000	46,700	38,200	27,000	20"	3"
FE4-906		4	35,000	28,000	70,000	60,600	49,500	35,000	24"	3"

## Type 8 - Heavy Duty Cargo Basket Sling (WB)

- All-purpose cargo control sling
- Ideal for fragile or finished surfaces
- Available from 1 - 2 plys up to 24"
- Gorilla-Guard® and Monster Edge® available



### HEAVY DUTY CARGO SLING SPECIFICATIONS

Part #	Width	Ply	Rated Capacity in Pounds				Eye Width	Eye Length
			Rigging (Basket)	Basket Leg Angle				
				60°	45°	30°		
WB1-906	6"	1	19,200	16,600	13,500	9,600	1.5"	9"
WB2-906		2	36,000	31,100	25,400	18,000	1.5"	9"
WB1-908	8"	1	25,600	22,100	18,100	12,800	2"	12"
WB2-908		2	48,000	41,500	33,900	24,000	2"	12"
WB1-910	10"	1	32,000	27,700	22,600	16,000	2.5"	15"
WB2-910		2	60,000	51,900	42,400	30,000	2.5"	15"
WB1-912	12"	1	38,400	33,200	27,100	19,200	3"	18"
WB2-912		2	72,000	62,300	50,900	36,000	3"	18"
WB1-916	16"	1	51,200	44,300	36,200	25,600	4"	24"
WB2-916		2	82,000	71,000	58,000	41,000	4"	24"
WB1-920	20"	1	64,000	55,400	45,200	32,000	5"	30"
WB2-920		2	96,000	83,100	67,900	48,000	5"	30"
WB1-924	24"	1	76,800	66,500	54,300	38,200	6"	30"
WB2-924		2	108,000	93,500	76,300	54,000	6"	30"

## Type 9 - Light Duty Cargo Basket Sling (LB)

- Less expensive than Heavy Duty Cargo Slings
- Wide body provides load stability
- Available from 1 - 2 plys up to 24" web width



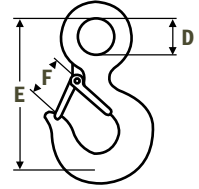
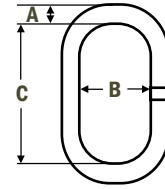
### LIGHT DUTY CARGO SLING SPECIFICATIONS

Part #	Width	Ply	Rated Capacity in Pounds				Eye Width	Eye Length
			Rigging (Basket)	Basket Leg Angle				
				60°	45°	30°		
LB1-906	6"	1	3,000	2,600	2,100	1,500	1"	10"
LB2-906		2	6,000	5,200	4,200	3,000	1"	10"
LB1-908	8"	1	3,000	2,600	2,100	1,500	1"	10"
LB2-908		2	6,000	5,200	4,200	3,000	1"	10"
LB1-910	10"	1	3,000	2,600	2,100	1,500	1"	12"
LB2-910		2	6,000	5,200	4,200	3,000	1"	12"
LB1-912	12"	1	3,000	2,600	2,100	1,500	1"	12"
LB2-912		2	6,000	5,200	4,200	3,000	1"	12"
LB1-916	16"	1	5,000	4,300	3,500	2,500	2"	12"
LB2-916		2	10,000	8,700	7,100	5,000	2"	12"
LB1-920	20"	1	5,000	4,300	3,500	2,500	2"	18"
LB2-920		2	10,000	8,700	7,100	5,000	2"	18"
LB1-924	24"	1	5,000	4,300	3,500	2,500	2"	18"
LB2-924		2	10,000	8,700	7,100	5,000	2"	18"

# SYNTHETIC WEB BRIDLE SLINGS

## Synthetic Web Bridle Slings

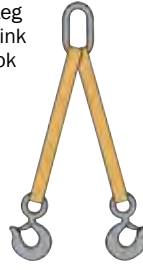
- Nylon or Polyester webbing
- Top Fitting: Pear or Oblong shaped upper attachments
- Bottom Fitting: Hook or Sewn Eye ends
- Gorilla-Guard® and Monster Edge® available



Single Leg  
Oblong Link  
Sling Hook



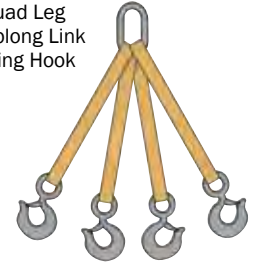
Double Leg  
Oblong Link  
Sling Hook



Triple Leg  
Oblong Link  
Sling Hook



Quad Leg  
Oblong Link  
Sling Hook



## BRIDLE SLING SPECIFICATIONS

Number of Legs	Part #	Web Width (in.)	Plys	Rated Capacity in Pounds				Oblong Link (in.) A x B x C	Sling Hook Alloy	
				Leg Angle					Size	D x E x F
				90°	60°	45°	30°			
1	BR1-1901-M1H	1	1	1,600	-	-	-	0.5 x 2.7 x 4.8	1 ton	0.75 x 3.13 x 0.93
	BR1-2901-M1H		2	3,000	-	-	-	0.5 x 2.7 x 4.8	1.5 ton	0.88 x 3.66 x 0.97
	BR1-1902-M1H	2	1	3,200	-	-	-	0.5 x 2.7 x 4.8	2 ton	1.13 x 4.09 x 1.06
	BR1-2902-M1H		2	6,000	-	-	-	0.75 x 3.7 x 6.6	3 ton	1.25 x 4.67 x 1.19
	BR1-1903-M1H	3	1	4,800	-	-	-	0.75 x 3.7 x 6.6	3 ton	1.25 x 4.67 x 1.19
	BR1-2903-M1H		2	8,900	-	-	-	0.75 x 3.7 x 6.6	5 ton	1.56 x 5.78 x 1.50
2	BR2-1901-M2H	1	1	-	2,700	2,200	1,600	0.5 x 2.7 x 4.8	1 ton	0.75 x 3.13 x 0.93
	BR2-2901-M2H		2	-	5,100	4,200	3,000	0.5 x 2.7 x 4.8	1.5 ton	0.88 x 3.66 x 0.97
	BR2-1902-M2H	2	1	-	5,100	4,200	3,000	0.75 x 3.7 x 6.6	2 ton	1.13 x 4.09 x 1.06
	BR2-2902-M2H		2	-	10,300	8,400	6,000	0.75 x 3.7 x 6.6	3 ton	1.25 x 4.67 x 1.19
	BR2-1903-M2H	3	1	-	8,300	6,700	4,800	1.0 x 4.3 x 7.53	3 ton	1.25 x 4.67 x 1.19
	BR2-2903-M2H		2	-	15,400	12,500	8,900	1.0 x 4.3 x 7.53	5 ton	1.56 x 5.78 x 1.50
3	BR3-1901-M3H	1	1	-	4,100	3,300	2,400	0.75 x 3.7 x 6.6	1 ton	0.75 x 3.13 x 0.93
	BR3-2901-M3H		2	-	7,700	6,300	4,500	0.75 x 3.7 x 6.6	1.5 ton	0.88 x 3.66 x 0.97
	BR3-1902-M3H	2	1	-	8,300	6,700	4,800	1.0 x 4.3 x 7.53	2 ton	1.13 x 4.09 x 1.06
	BR3-2902-M3H		2	-	15,500	12,700	9,000	1.0 x 4.3 x 7.53	3 ton	1.25 x 4.67 x 1.19
	BR3-1903-M3H	3	1	-	12,400	10,100	7,200	1.25 x 5.3 x 9.26	3 ton	1.25 x 4.67 x 1.19
	BR3-2903-M3H		2	-	23,100	18,800	13,300	1.25 x 5.3 x 9.26	5 ton	1.56 x 5.78 x 1.50
4	BR4-1901-M4H	1	1	-	5,500	4,500	3,200	0.75 x 3.7 x 6.6	1 ton	0.75 x 3.13 x 0.93
	BR4-2901-M4H		2	-	10,300	8,400	6,000	0.75 x 3.7 x 6.6	1.5 ton	0.88 x 3.66 x 0.97
	BR4-1902-M4H	2	1	-	11,000	9,000	6,400	1.0 x 4.3 x 7.53	2 ton	1.13 x 4.09 x 1.06
	BR4-2902-M4H		2	-	20,700	16,900	12,000	1.0 x 4.3 x 7.53	3 ton	1.25 x 4.67 x 1.19
	BR4-1903-M4H	3	1	-	16,600	13,500	9,600	1.25 x 5.3 x 9.26	3 ton	1.25 x 4.67 x 1.19
	BR4-2903-M4H		2	-	30,800	25,100	17,800	1.25 x 5.3 x 9.26	5 ton	1.56 x 5.78 x 1.50

Top Fitting: Master Link  
Bottom Fitting: Rigging Hook

## STREN-FLEX® Roundslings

Roundslings are constructed of a continuous loop of 100% polyester fiber encased by a polyester jacket to protect the load bearing fibers from snags and abrasion. Roundslings are a cost effective solution to high capacity lifting or pulling applications requiring low stretch and ease of use.

### Features:

- Lightweight
- Color-coded capacities
- Double-wall, seamless cover
- Low stretch factor - 3%
- Easily identifiable red warning yarn in load bearing yarn



## EERS - Eye & Eye Roundsling

- Formed by adding an extra abrasion resistant Gorilla-Guard® sleeve to the body of an ERS sling
- Easy to use and versatile
- High strength-to-weight ratio
- Vertical, choker, and basket hitch
- Capacities from 2,600 to 42,400 lbs.



### EYE & EYE ROUNDSLING SPECIFICATIONS

Part #	Color Code	Capacity			Minimum Length (ft.)	Approx. Weight (lbs/ft)	Approx. Width at Load (in.)	Approx. Eye Length (in.)
		Vertical	Choker	Vertical Basket				
EERS1	Purple	2,600	2,100	5,200	3	0.4	2.25	10
EERS2	Green	5,300	4,200	10,600	3	0.5	2.50	10
EERS3	Yellow	8,400	6,700	16,800	3	0.6	2.50	12
EERS4	Tan	10,600	8,500	21,200	3	0.7	3.50	12
EERS5	Red	13,200	10,600	26,400	3	1.0	3.50	14
EERS6	White	16,800	13,400	33,600	4	1.1	3.50	16
EERS7	Blue	21,200	17,000	42,400	4	1.6	4.25	16

# POLYESTER ROUNDSLINGS

## ERS - Endless Roundsling

- Easy to use and versatile
- Extend life by rotating load bearing points
- Vertical, choker, and basket hitch
- Capacities from 2,600 to 180,000 lbs.



## ENDLESS ROUNDSLING SPECIFICATIONS

Part #	Color Code	Capacity			Minimum Length (ft.)	Approx. Diameter (in.)	Approx. Weight per ft.
		Vertical	Choker	Vertical Basket			
ERS1	Purple	2,600	2,100	5,200	3	0.625	0.3
ERS2	Green	5,300	4,200	10,600	3	0.875	0.4
ERS3	Yellow	8,400	6,700	16,800	3	1.125	0.5
ERS4	Tan	10,600	8,500	21,200	3	1.125	0.6
ERS5	Red	13,200	10,600	26,400	3	1.375	0.8
ERS6	White	16,800	13,400	33,600	4	1.375	0.9
ERS7	Blue	21,200	17,000	42,400	4	1.625	1.3
ERS8	Orange	25,000	20,000	50,000	6	1.750	1.6
ERS9	Grey	31,000	24,800	62,000	6	2.125	2.0
ERS10	Maroon	40,000	32,000	80,000	6	2.350	2.6
ERS11	Brown	53,000	42,400	106,000	8	3.150	3.4
ERS12	Olive	66,000	52,800	132,000	8	3.950	4.3
ERS13	Black	90,000	72,000	180,000	8	4.800	5.9



## 2", 3", & 4" Heavy Duty Ratchet Tie Down

- Heavy duty ratcheting device
- 2", 3" & 4" wide heavy duty webbing
- Available colors: Yellow (2"- 4") and Black (2" only)



End Fittings	Part #	Width	Length	Working Load Limit (WLL)
Flat Hook (FH) 	RTD1027PFH	2"	27'	3,335 lbs.
	RTD1030PFH	2"	30'	3,335 lbs.
Snap Hook (SH) 	RTD1027PSH	2"	27'	3,335 lbs.
	RTD1030PSH	2"	30'	3,335 lbs.
Wire Hook (WH) 	RTD1027PWH	2"	27'	3,335 lbs.
	RTD1030PWH	2"	30'	3,335 lbs.
Flat Hook (FH) 	RTD1527PFH	3"	27'	5,000 lbs.
	RTD1530PFH	3"	30'	5,000 lbs.
D-Ring (DR) 	RTD1527PDR	3"	27'	5,000 lbs.
	RTD1530PDR	3"	30'	5,000 lbs.
Chain & Grab Hk (CG) 	RTD1527PCG	3"	27'	5,000 lbs.
	RTD1530PCG	3"	30'	5,000 lbs.
Flat Hook (FH) 	RTD2027PFH	4"	27'	5,000 lbs.
	RTD2030PFH	4"	30'	5,000 lbs.
D-Ring (DR) 	RTD2027PDR	4"	27'	5,000 lbs.
	RTD2030PDR	4"	30'	5,000 lbs.
Chain & Grab Hk (CG) 	RTD2027PCG	4"	27'	5,000 lbs.
	RTD2030PCG	4"	30'	5,000 lbs.

## 2", 3", & 4" Heavy Duty Replacement Strap

- 2", 3" & 4" wide heavy duty web for use with ratchets or flat bed truck winches.
- Available color: Yellow
- Use above table: Replace RTD w/ RS to complete part number.



## Flat Bed Truck Winches

Weld-On  
Winch  
#92000



Bolt-On  
Winch  
#92001



Winch Bar  
(Chrome)  
#92005



# CARGO CONTROL



## 1" Handlebar Slings

- Scratch-free securement of motorcycles
- Sold in pairs



End Fittings	Part #	Width	Length	Breaking Strength (BS)
Loops	RSHS0318INEE	1"	18"	1,000 lbs.
Loops	RSHS0324INEE	1"	24"	1,000 lbs.



#23 is sponsored by Stren-Flex

## 1" Cam-Lock Tie Down

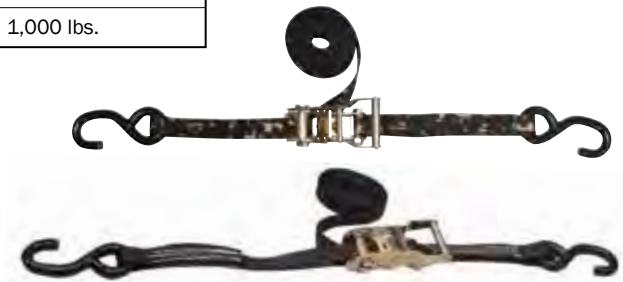
- 1" wide heavy duty webbing
- Heavy duty steel Cambuckle and vinyl coated S-hooks
- Available in Black and Camo



End Fittings	Part #	Width	Length	Breaking Strength (BS)
Vinyl S-Hook	RTDC0308PVH	1"	8'	1,000 lbs.
Vinyl S-Hook	RTDC0312PVH	1"	12'	1,000 lbs.

## 1" Heavy Duty Ratchet Tie Down

- Heavy duty ratcheting device
- 1" wide heavy duty webbing with large vinyl coated S-hooks
- 12" standard fixed length and 14' of adjustability
- Available colors: Black and Camo



End Fittings	Part #	Width	Length	Breaking Strength (BS)
Vinyl S-Hook	RTD0315VSH	1"	15'	3,000 lbs.

## 2" Heavy Duty Racing Ratchet Tie Down

- 2" wide 10,000 lb. domestic webbing
- Available in Black and Yellow



End Fittings	Part #	Width	Length	Breaking Strength (BS)
Twisted Snap Hook	RTDRR1008TSH	2"	8'	10,000 lbs.
Twisted Snap Hook	RTDRR1010TSH	2"	10'	10,000 lbs.

## 2" Heavy Duty Axle Strap

- Available in 18" & 24" lengths
- Gorilla-Guard® sleeve in center protects strap from abrasive wear



End Fittings	Part #	Width	Length	Breaking Strength (BS)
D-Ring	RTDAS1018DR	2"	18"	10,000 lbs.
D-Ring	RTDAS1024DR	2"	24"	10,000 lbs.

## Heavy Duty Vehicle Recovery Strap

- A must for any off-road vehicle!

End Fittings	Part #	Width	Length	Breaking Strength (BS)
Loops	RTDVR-2-902-20	2"	20'	32,000 lbs.
Loops	RTDVR-2-904-20	4"	20'	60,000 lbs.



