

GENERAL SYNTHETIC SLING INFORMATION

All American Industrial slings meet or exceed ASME B30.9 and OSHA standards and regulations.

Chemical Factor Chart		
	Nylon	Polyester
Maximum Temp. (F)	194°	194°
Stretch at Rated Load	8 - 10%	5 - 7%
Acids	NO	*
Alcohols	OK	OK
Aldehydes	OK	NO
Strong Alkalis	OK	**
Bleaching Agents	NO	OK
Dry Cleaning Solvents	OK	OK
Ethers	OK	NO
Halogenated Hydro-Carbons	OK	OK
Hydro-Carbons	OK	OK
Ketones	OK	OK
Oils Crude	OK	OK
Oils Lubricating	OK	OK
Soap & Detergents	OK	OK
Water & Seawater	OK	OK
Weak Alkalis	OK	OK
* Disintegrated by concentrated sulfuric acid.		
** Degraded by strong alkalis at elevated temperatures.		

Premium Tagging System



TAG FEATURES:

- High Performance Polymer Window Designed to outlast the Competition.
- Laser Printed For Maximum Readability
- Continuously Sewn for Maximum Durability
- UV Resistant
- Private Labeling Available

Web Sling Part Number Breakdown

EE 2 - 9 02 P X 8

TYPE OF SLING
TC, TCA, TT, TTA,
EE, EET, EN, RE,
WB, AWB,
SOS, DOS, GOS, LS

WEBBING STRENGTH
7 = Light Duty
9 = Heavy Duty

MATERIAL
P=Polyester
PEP = Polyester Edge Protect
Nylon (Leave Blank)
EP=Nylon Edge Protect

NUMBER BODY PLIES
1, 2, 3, 4

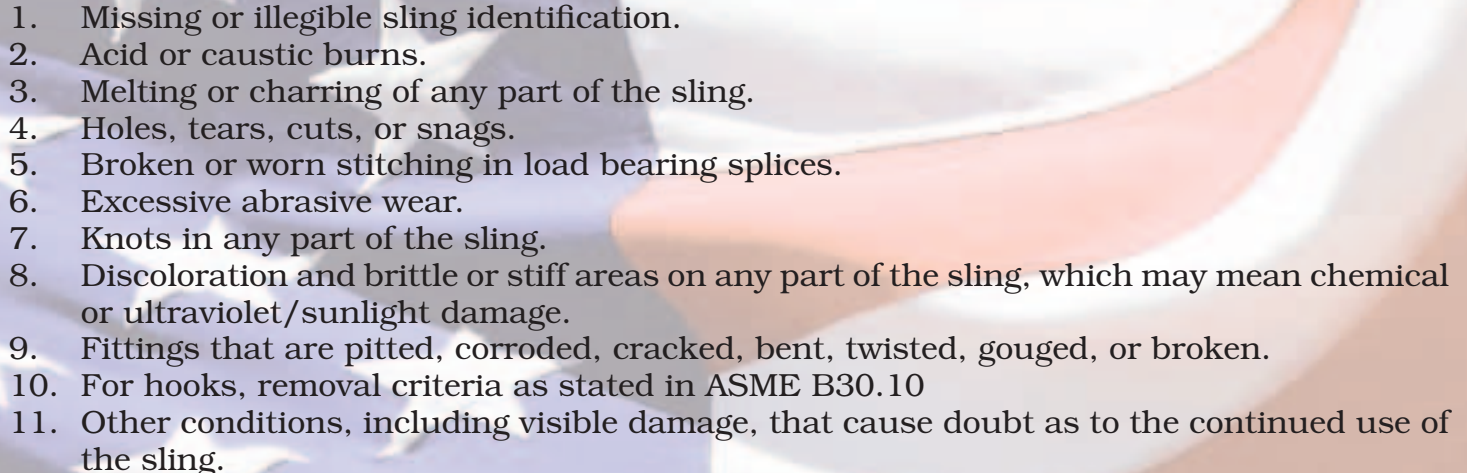
WEB WIDTH
1", 2", 3", 4", 5"
6", 8", 10", 12"

LENGTH
Any length desired for the application.

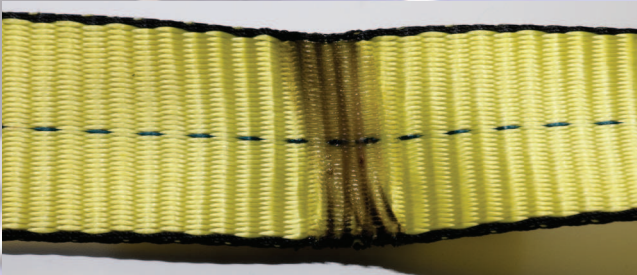
NOTE: 2 letter code (AA, AB, AC, etc...) after material code will be used to specify custom slings.

WEB SLING REMOVAL CRITERIA

Synthetic Web Slings (ASME B30.9) - A synthetic web sling shall be removed from service if conditions such as the following are present:

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- A close-up photograph of a person's hand holding a red lifting sling. The hand is positioned on the right side of the frame, with fingers wrapped around the sling. The sling is made of a thick, red fabric and has a white label attached to it. The label contains a list of 11 items, which are the removal criteria for the sling. The background is slightly blurred, showing more of the sling and the hand.
1. Missing or illegible sling identification.
 2. Acid or caustic burns.
 3. Melting or charring of any part of the sling.
 4. Holes, tears, cuts, or snags.
 5. Broken or worn stitching in load bearing splices.
 6. Excessive abrasive wear.
 7. Knots in any part of the sling.
 8. Discoloration and brittle or stiff areas on any part of the sling, which may mean chemical or ultraviolet/sunlight damage.
 9. Fittings that are pitted, corroded, cracked, bent, twisted, gouged, or broken.
 10. For hooks, removal criteria as stated in ASME B30.10
 11. Other conditions, including visible damage, that cause doubt as to the continued use of the sling.

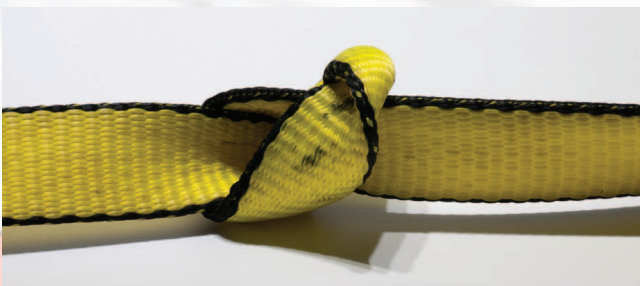
MELTING OR CHARRING



CUTTING



KNOTS



ABRASIONS OR PUNCTURE



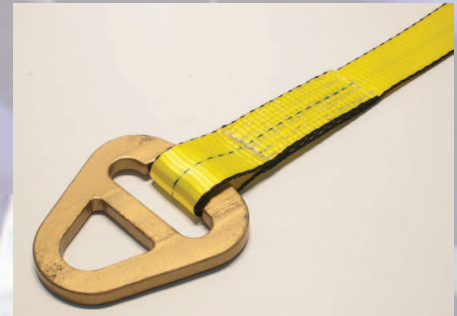
TRIANGLE/CHOKER • TRIANGLE/TRIANGLE

Part Number	Web Width (in)	# of Plies	Working Load Limit (LBS)		
			Vertical	Choker	V. Basket
TC1-902P	2	1	3,200	2,560	6,400
TC2-902P	2	2	6,400	5,120	12,800
TC1-903P	3	1	4,800	3,840	9,600
TC2-903P	3	2	8,800	7,040	17,600
TC1-904P	4	1	6,400	5,120	12,800
TC2-904P	4	2	11,500	9,200	23,000
TC1-906P	6	1	9,600	7,680	19,200
TC2-906P	6	2	17,000	13,600	34,000
TC1-908P	8	1	12,800	10,240	25,600
TC2-908P	8	2	22,400	17,920	44,800
TC1-910P	10	1	16,000	12,800	32,000
TC2-910P	10	2	25,000	20,000	50,000
TC1-912P	12	1	19,000	15,200	38,000
TC2-912P	12	2	30,000	24,000	60,000

Triangle-Choker (TC or TCA) Type 1

This sling utilizes steel or aluminum end fittings to allow the sling to be easily used in a basket or choker configuration. These fittings help reduce wear and allow easier connection to hooks.

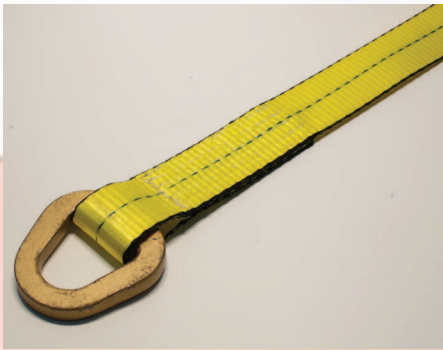
*When ordering specify:
Length, Steel or Aluminum Fittings
Length is measured
bearing point to bearing point*



Triangle-Triangle (TT or TTA) Type 2

This sling utilizes steel or aluminum end fittings and is most often used in a basket configuration, but can also be used in a vertical hitch. They cannot be used as a choker. These fittings help reduce wear and allow easier connection to hooks.

*When ordering specify
Length, Steel or Aluminum Fittings
Length is measured
bearing point to bearing point.*



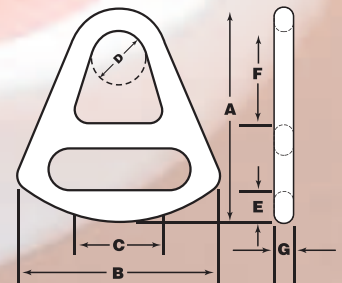
Part Number	Web Width (in)	# of Plies	Working Load Limit (LBS)		
			Vertical	Choker	V. Basket
TT1-902P	2	1	3,200	2,560	6,400
TT2-902P	2	2	6,400	5,120	12,800
TT1-903P	3	1	4,800	3,840	9,600
TT2-903P	3	2	8,800	7,040	17,600
TT1-904P	4	1	6,400	5,120	12,800
TT2-904P	4	2	11,500	9,200	23,000
TT1-906P	6	1	9,600	7,680	19,200
TT2-906P	6	2	17,000	13,600	34,000
TT1-908P	8	1	12,800	10,240	25,600
TT2-908P	8	2	22,400	17,920	44,800
TT1-910P	10	1	16,000	12,800	32,000
TT2-910P	10	2	25,000	20,000	50,000
TT1-912P	12	1	19,000	15,200	38,000
TT2-912P	12	2	30,000	24,000	60,000

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TRIANGLE HARDWARE

Triangle Choker - Steel

Part Number	Inches							Weight (lbs)	Work Load Limit (lbs)
	A	B	C	D	E	F	G		
NST-24	4 5/16	3 7/8	2 3/16	1 5/8	1 1/8	2 3/8	1/2	2.00	11,800
NST-34	5 1/2	5 3/4	3 3/16	2 1/4	1 3/8	3 5/16	3/4	2.50	17,800
NST-44	6 1/2	6 3/4	4 3/16	2 1/2	1 13/16	3 3/4	3/4	4.50	25,000
NST-55	7 15/16	8	5 1/4	2 3/4	2 1/8	5	3/4	5.30	28,000
NST-64	9 1/16	9 5/16	6 1/4	3	2 5/16	5 1/2	1	10.00	32,700

PLEASE NOTE - 4-PLY DIMENSIONS & DATA GIVEN**CHOKER**

Triangle Choker - Aluminum

Part Number	Inches							Weight (lbs)	Work Load Limit (lbs)
	A	B	C	D	E	F	G		
FAC-2	6 1/8	5 1/4	2 1/8	1 3/4	15/16	2 3/8	9/16	0.73	3,360
FAC-3	7 1/2	7 1/8	3 1/8	2	1 1/8	3 5/16	5/8	1.30	5,000
FAC-4	8 3/4	8 3/4	4 1/8	2 3/8	1 7/16	4	11/16	1.90	6,700
FAC-6	11 5/16	11 3/4	6 1/8	3 1/8	1 3/4	5 1/2	15/16	5.10	9,700

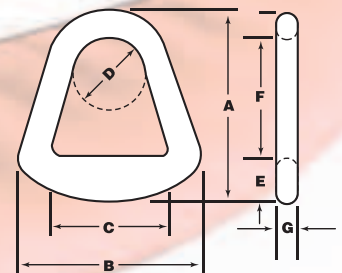
Triangle - Steel

Part Number	Inches							Weight (lbs)	Work Load Limit (lbs)
	A	B	C	D	E	F	G		
NST-2	3 7/8	3 3/4	2 1/8	1 3/4	1	2 5/16	1/2	1.00	6,600
NST-3	5 3/16	5	3 1/16	2	1 1/4	3 5/16	1/2	1.60	8,900
NST-4	6 7/16	6 5/8	4 5/16	2	1 5/8	3 7/8	1/2	2.70	11,600
NST-5	7 7/8	7 15/16	5 3/16	2 1/2	2	4 15/16	1/2	3.50	14,000
NST-6	9	9 1/4	6 1/8	2 3/4	2 5/16	5 9/16	1/2	5.30	16,800

PLEASE NOTE - 2-PLY DIMENSIONS & DATA GIVEN

Triangle - Aluminum

Part Number	Inches							Weight (lbs)	Work Load Limit (lbs)
	A	B	C	D	E	F	G		
FAT-2	4	3 5/8	2 3/4	1 3/4	15/16	2 3/8	9/16	0.31	3,360
FAT-3	5 3/4	5	3 1/4	2	1 3/16	3 5/16	5/8	0.75	5,000
FAT-4	6 3/4	6 5/8	4 3/8	2 3/8	1 7/16	4	11/16	1.10	6,700
FAT-6	8 9/16	8 7/8	6 3/8	3 1/8	1 3/4	5 1/2	15/16	2.70	9,700

**TRIANGLE**

EYE & EYE FLAT (EE) Type 3

This is one of the most popular sling types and can be used in all three types of hitches. Eyes are formed as the material is folded back and sewn flat to the sling body.



Part Number	Web Width (in)	# of Plies	Working Load Limit (LBS)		
			Vertical	Choker	V. Basket
EE1-901P	1	1	1,600	1,280	3,200
EE2-901P	1	2	3,200	2,560	6,400
EE4-901P	1	4	6,400	5,120	12,800
EE1-902P	2	1	3,200	2,560	6,400
EE2-902P	2	2	6,400	5,120	12,800
EE4-902P	2	4	11,500	9,200	23,000
EE1-903P	3	1	4,800	3,840	9,600
EE2-903P	3	2	8,800	7,040	17,600
EE4-903P	3	4	17,000	13,600	34,000
EE1-904P	4	1	6,400	5,120	12,800
EE2-904P	4	2	11,500	9,200	23,000
EE4-904P	4	4	22,800	18,240	45,600
EE1-906P	6	1	9,600	7,680	19,200
EE2-906P	6	2	17,000	13,600	34,000
EE4-906P	6	4	30,000	24,000	60,000
EE1-908P	8	1	12,800	10,240	25,600
EE2-908P	8	2	22,400	17,920	44,800
EE4-908P	8	4	40,000	32,000	80,000
EE1-910P	10	1	16,000	12,800	32,000
EE2-910P	10	2	25,000	20,000	50,000
EE4-910P	10	4	50,000	40,000	100,000
EE1-912P	12	1	19,000	15,200	38,000
EE2-912P	12	2	30,000	24,000	60,000
EE4-912P	12	4	60,000	48,000	120,000
NOTE: Folded Eyes Standard on 3 inch to 12 inch slings; 3 ply slings available					

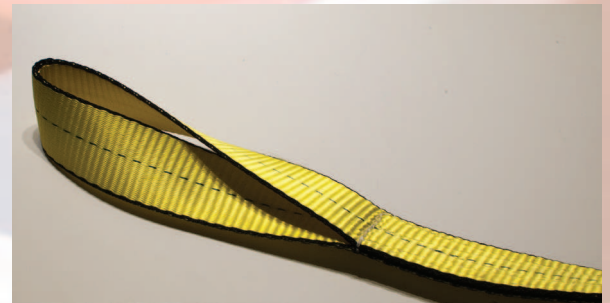
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EYE & EYE TWISTED (EET) TYPE 4

Twisted eye slings are designed specifically to improve use of the choker hitch, but can be used in any type of hitch. Eyes are formed by turning the webbing 180 degrees before sewing to sling body.

Part Number	Web Width (in)	# of Plies	Working Load Limit (LBS)		
			Vertical	Choker	V. Basket
EET1-901P	1	1	1,600	1,280	3,200
EET2-901P	1	2	3,200	2,560	6,400
EET4-901P	1	4	6,400	5,120	12,800
EET1-902P	2	1	3,200	2,560	6,400
EET2-902P	2	2	6,400	5,120	12,800
EET4-902P	2	4	11,500	9,200	23,000
EET1-903P	3	1	4,800	3,840	9,600
EET2-903P	3	2	8,800	7,040	17,600
EET4-903P	3	4	17,000	13,600	34,000
EET1-904P	4	1	6,400	5,120	12,800
EET2-904P	4	2	11,500	9,200	23,000
EET4-904P	4	4	22,800	18,240	45,600
EET1-906P	6	1	9,600	7,680	19,200
EET2-906P	6	2	17,000	13,600	34,000
EET4-906P	6	4	30,000	24,000	60,000
EET1-908P	8	1	12,800	10,240	25,600
EET2-908P	8	2	22,400	17,920	44,800
EET4-908P	8	4	40,000	32,000	80,000
EET1-910P	10	1	16,000	12,800	32,000
EET2-910P	10	2	25,000	20,000	50,000
EET4-910P	10	4	50,000	40,000	100,000
EET1-912P	12	1	19,000	15,200	38,000
EET2-912P	12	2	30,000	24,000	60,000
EET4-912P	12	4	60,000	48,000	120,000

NOTE: Folded Eyes Standard on 3 inch to 12 inch slings; 3 ply slings available



EYE LENGTH CHART								
# of Plies	Sling Width (inches)							
	1	2	3	4	6	8	10	12
1	8	10	11	12	16	20	24	24
2	8	10	11	12	16	20	24	24
3	10	12	14	16	18	24	24	24
4	10	12	14	16	18	24	24	24

EYE WIDTH CHART								
# of Plies	Sling Width (inches)							
	1	2	3	4	6	8	10	12
1	1	2	1 1/2	2	3	4	5	6
2	1	2	1 1/2	2	3	4	5	6
3	1	2	1 1/2	2	3	4	5	6
4	1	2	1 1/2	2	3	4	5	6

ENDLESS (EN) TYPE 5

This sling is versatile with an endless design for stronger load ratings. The sling can be used with any type of hitch.



Part Number	Web Width (in)	# of Plies	Working Load Limit (LBS)		
			Vertical	Choker	V. Basket
EN1-901P	1	1	3,200	2,560	6,400
EN2-901P	1	2	6,200	4,960	12,400
EN4-901P	1	4	10,000	8,000	20,000
EN1-902P	2	1	6,400	5,120	12,800
EN2-902P	2	2	12,400	9,920	24,800
EN4-902P	2	4	19,800	15,840	39,600
EN1-903P	3	1	8,800	7,040	17,600
EN2-903P	3	2	16,300	13,040	32,600
EN4-903P	3	4	26,700	21,360	53,400
EN1-904P	4	1	11,500	9,200	23,000
EN2-904P	4	2	20,700	16,560	41,400
EN4-904P	4	4	35,600	28,480	71,200
EN1-906P	6	1	16,500	13,200	33,000
EN2-906P	6	2	28,600	22,880	57,200
EN4-906P	6	4	50,500	40,400	101,000
EN1-908P	8	1	19,200	15,360	38,400
EN2-908P	8	2	30,700	24,560	61,400
EN4-908P	8	4	57,600	46,080	115,200
EN1-910P	10	1	22,400	17,920	44,800
EN2-910P	10	2	33,600	26,880	67,200
EN4-910P	10	4	67,200	53,760	134,400
EN1-912P	12	1	26,900	21,520	53,800
EN2-912P	12	2	37,600	30,080	75,200
EN4-912P	12	4	80,700	64,560	161,400
3 PLY SLINGS AVAILABLE					



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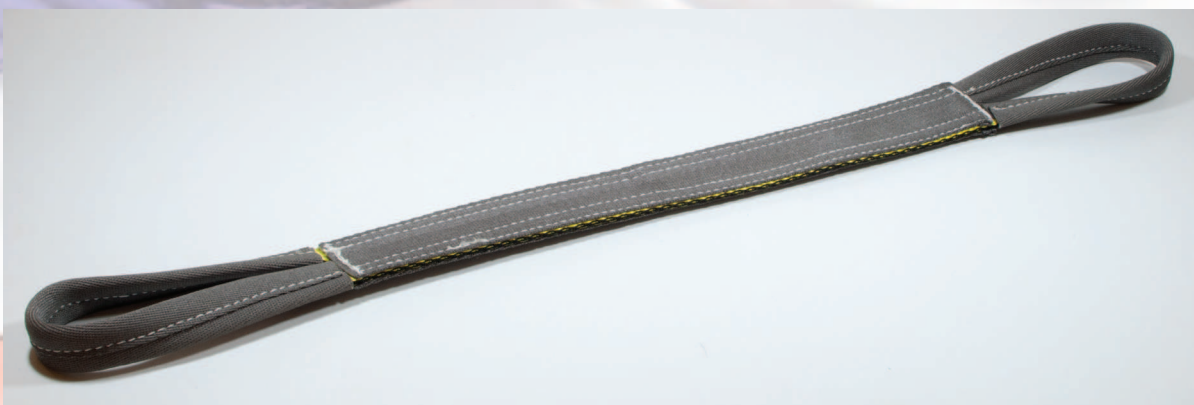
REVERSED EYE (RE) TYPE 6

The reversed eye sling is a modified rugged endless sling, reinforced and protected on all sides including both sides of body and eyes with Cordura®. Superior choke hitch grips load securely.

When ordering specify Length.



Part Number	Body Width (in)	# of Plies	Eye Width (in)	Eye Length (in)	Working Load Limit (lbs)		
					Vertical	Choker	V. Basket
RE1-902P	2	1	1	9	4,500	3,600	9,000
RE2-902P	2	2	1	9	6,500	5,200	13,000
RE1-904P	4	1	2	12	7,700	6,200	15,400
RE2-904P	4	2	2	12	13,000	10,400	26,000
RE1-906P	6	1	3	15	11,000	8,800	22,000
RE2-906P	6	2	3	15	20,000	16,000	40,000



WIDE BODY SLINGS



Wide Body Slings are designed for use in stabilizing and protecting loads over a wide surface area.

Part Number	Body Width (in)	# of Plies	Eye Length (in)	Min Sling Length (in)	V. Basket - Working Load Limit (LBS)
WB1-906P	6	1	9	40	15,400
WB1-908P	8	1	12	45	20,400
WB1-912P	12	1	18	60	30,800
WB1-916P	16	1	24	72	38,000
WB1-920P	20	1	30	88	45,000
WB1-924P	24	1	36	100	52,000
WB2-906P	6	2	9	40	28,600
WB2-908P	8	2	12	45	38,000
WB2-912P	12	2	18	60	57,200
WB2-916P	16	2	24	72	75,000
WB2-920P	20	2	30	88	90,000
WB2-924P	24	2	36	100	110,000



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ATTACHED EYE WIDE BODY SLING



Attached Eye Wide Body Slings special eye construction allows the slings to be used with small hooks. The combination of small eye widths and wide body widths provide for efficient handling of light loads.

Part Number	Body Width (in)	Eye Length (in)	Eye Width (in)	Eye Plies	Min Sling Length (in)	V. Basket - Working Load Limit (LBS)
1AWB2-906P	6	6	1	2	50	6,000
1AWB2-908P	8	8	1	2	50	6,000
1AWB2-912P	12	12	1	2	56	6,000
2AWB2-916P	16	12	2	2	56	12,000
2AWB2-920P	20	18	2	2	68	12,000
2AWB2-924P	24	18	2	2	72	12,000
2AWB2-930P	30	22	2	2	74	12,000
2AWB2-936P	36	27	2	2	84	12,000
2AWB2-948P	48	36	2	2	102	12,000

WEB BRIDLE SLINGS

Bridle slings feature combination of links and hook hardware. Hardware connections provide for the efficient handling of loads with fixed lifting points.



Part Number	Web Width (in)	# of Plies	Number of Legs	Capacity (lbs.) @ 90°	Oblong Link (Dia.)	Sling Hook Size	Eye Dimensions (W X L) (in)
SOS-EE1-901P	1	1	1	1,600	5/8	1 1/2T (7/32)	N/A
SOO-EE1-901P	1	1	1	1,600	5/8	N/A	N/A
SOE-EE1-901P	1	1	1	1,600	5/8	N/A	1 X 8
SOS-EE2-901P	1	2	1	3,100	5/8	1 1/2T (7/32)	N/A
SOO-EE2-901P	1	2	1	3,100	5/8	N/A	N/A
SOE-EE2-901P	1	2	1	3,100	5/8	N/A	1 X 8
SOS-EE2-902P	2	2	1	6,400	3/4	4.5T (3/8)	N/A
SOO-EE2-902P	2	2	1	6,400	3/4	N/A	N/A
SOE-EE2-902P	2	2	1	6,400	3/4	N/A	2 X 10

Part Number	Web Width (in)	# of Plies	Number of Legs	Capacity (lbs.) @ 60°	Capacity (lbs.) @ 45°	Capacity (lbs.) @ 30°	Oblong Link (Dia.)	Sling Hook Size	Eye Dimensions (W X L) (in)
DOS-EE1-901P	1	1	2	2,770	2,260	1,600	3/4	1-1/2T (7/32)	N/A
DOO-EE1-901P	1	1	2	2,770	2,260	1,600	3/4	N/A	N/A
DOE-EE1-901P	1	1	2	2,770	2,260	1,600	3/4	N/A	1 X 8
DOS-EE2-901P	1	2	2	5,540	4,520	3,200	3/4	2.75T (9/32)	N/A
DOO-EE2-901P	1	2	2	5,540	4,520	3,200	3/4	N/A	N/A
DOE-EE2-901P	1	2	2	5,540	4,520	3,200	3/4	N/A	1 X 8
DOS-EE2-902P	2	2	2	10,300	8,400	6,000	1	4.5T (3/8)	N/A
DOO-EE2-902P	2	2	2	10,300	8,400	6,000	1	N/A	N/A
DOE-EE2-902P	2	2	2	10,300	8,400	6,000	1	N/A	2 X 10

Part Number	Web Width (in)	# of Plies	Number of Legs	Capacity (lbs.) @ 60°	Capacity (lbs.) @ 45°	Capacity (lbs.) @ 30°	Top Oblong Link (Dia.)	Master Sub Link (Dia.)	Bottom Oblong Link (Dia.)	Sling Hook Size	Eye Dimensions (W X L) (in)
QOS-EE1-901P	1	1	4	5,540	4,520	3,200	3/4	1/2	5/8	1-1/2T (7/32)	N/A
QOO-EE1-901P	1	1	4	5,540	4,520	3,200	3/4	1/2	5/8	N/A	N/A
QOE-EE1-901P	1	1	4	5,540	4,520	3,200	3/4	1/2	5/8	N/A	1 X 8
QOS-EE2-901P	1	2	4	10,300	8,400	6,000	3/4	1/2	5/8	2.75T (9/32)	N/A
QOO-EE2-901P	1	2	4	10,300	8,400	6,000	3/4	1/2	5/8	N/A	N/A
QOE-EE2-901P	1	2	4	10,300	8,400	6,000	3/4	1/2	5/8	N/A	1 X 8
QOS-EE2-902P	2	2	4	20,700	16,900	12,000	1	3/4	5/8	4.5T (3/8)	N/A
QOO-EE2-902P	2	2	4	20,700	16,900	12,000	1	3/4	5/8	N/A	N/A
QOE-EE2-902P	2	2	4	20,700	16,900	12,000	1	3/4	5/8	N/A	2 X 10



AMERICAN

INDUSTRIAL

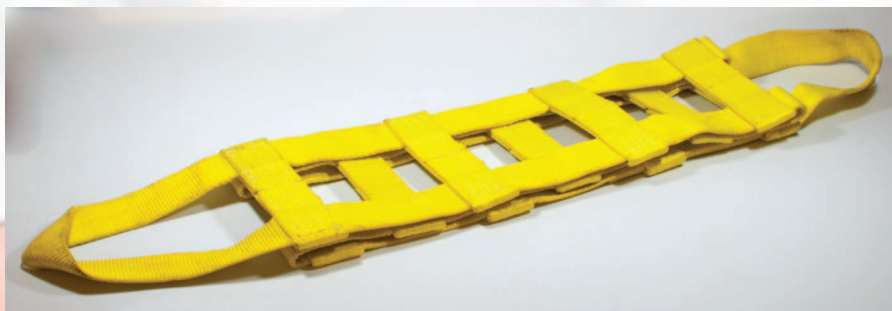
WEB LADDER SLING

Part Number	Overall Width (in)	Length (ft)	Ladder Spacing (in)	V. Basket Capacity (lbs.)
2LS1-908PX8	8	8	12	12,800
2LS1-908PX12	8	12	12	12,800
2LS1-908PX16	8	16	12	12,800
2LS1-908PX20	8	20	12	12,800
2LS1-912PX8	12	8	12	12,800
2LS1-912PX12	12	12	12	12,800
2LS1-912PX16	12	16	12	12,800
2LS1-912PX20	12	20	12	12,800
2LS1-916PX8	16	8	12	12,800
2LS1-916PX12	16	12	12	12,800
2LS1-916PX16	16	16	12	12,800
2LS1-916PX20	16	20	12	12,800



Ladder slings provide support to a wider area for better balance on large loads. Ladder slings are used in basket hitch applications only.

Part Number	Overall Width (in)	Length (ft)	Ladder Spacing (in)	V. Basket Capacity (lbs.)
4LS1-912PX8	12	8	12	23,000
4LS1-912PX12	12	12	12	23,000
4LS1-912PX16	12	16	12	23,000
4LS1-912PX20	12	20	12	23,000
4LS1-916PX8	16	8	12	23,000
4LS1-916PX12	16	12	12	23,000
4LS1-916PX16	16	16	12	23,000
4LS1-916PX20	16	20	12	23,000



CUSTOM WEB SLINGS

Custom web slings are developed for unique applications and help eliminate unsafe lifting practices.

