

# PRODUCT CATALOG

VOLUME 6, 2026



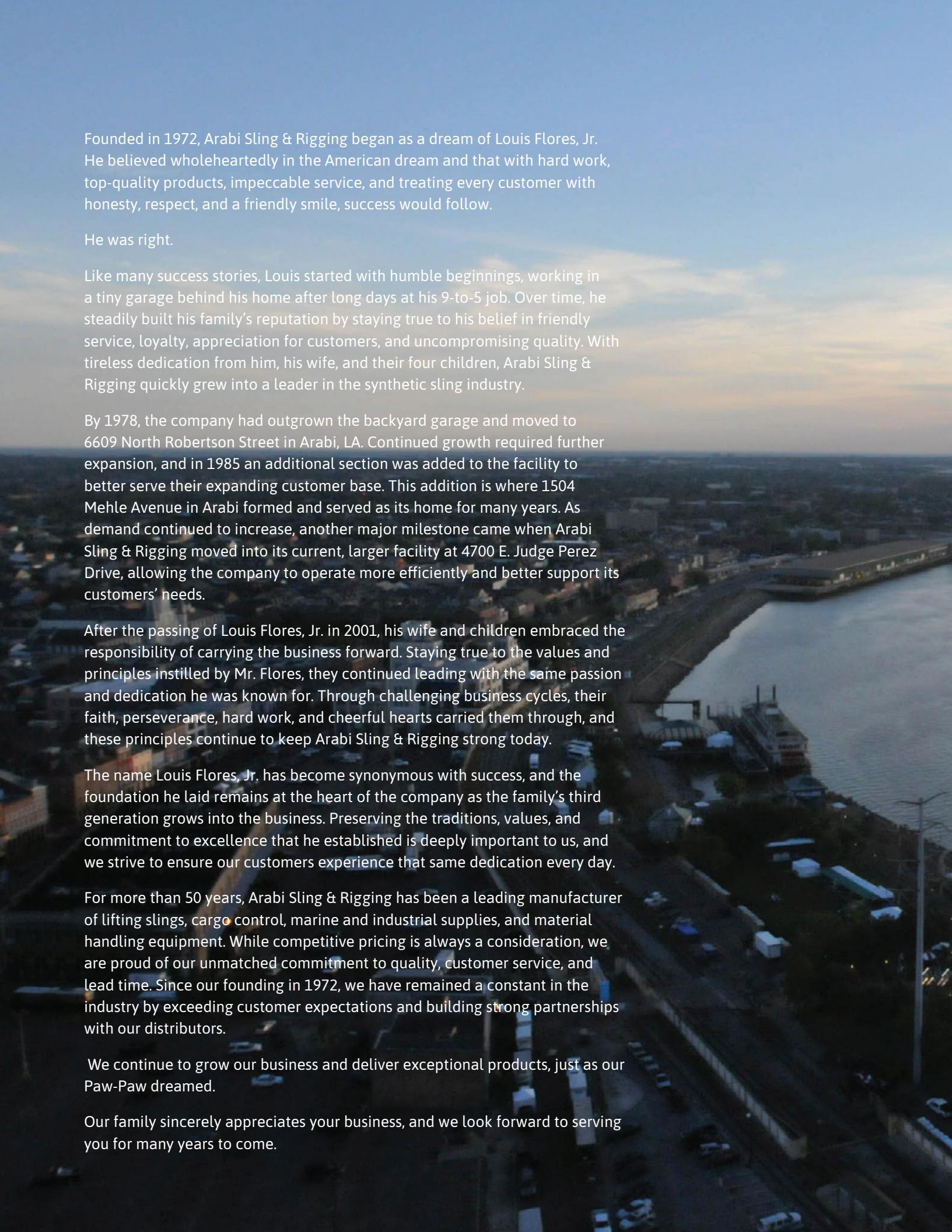
A R A B I   S L I N G   &   R I G G I N G

**EXPERIENCE YOU CAN TRUST**

*Manufactured in the USA since 1972*

**A LEADING MANUFACTURER OF:** Polyester Roundslings / High Performance Roundslings  
Nylon & Polyester Web Slings / Tie-Downs / Recovery Straps / Flow Line Restraints / Cargo Nets

**ALSO OFFERING:** Wire Rope / Wire Rope Slings / Chain / Chain Slings / Hardware / Rope

The background of the page is a high-angle, aerial photograph of a city during sunset. The sky is a mix of blue and orange, with long shadows cast by buildings. In the foreground, there's a large industrial or port area with several large buildings, some with green roofs, and a long, narrow building that looks like a factory or warehouse. A river or canal runs through the middle ground, reflecting the light. In the far distance, more buildings of a residential or commercial nature are visible.

Founded in 1972, Arabi Sling & Rigging began as a dream of Louis Flores, Jr. He believed wholeheartedly in the American dream and that with hard work, top-quality products, impeccable service, and treating every customer with honesty, respect, and a friendly smile, success would follow.

He was right.

Like many success stories, Louis started with humble beginnings, working in a tiny garage behind his home after long days at his 9-to-5 job. Over time, he steadily built his family's reputation by staying true to his belief in friendly service, loyalty, appreciation for customers, and uncompromising quality. With tireless dedication from him, his wife, and their four children, Arabi Sling & Rigging quickly grew into a leader in the synthetic sling industry.

By 1978, the company had outgrown the backyard garage and moved to 6609 North Robertson Street in Arabi, LA. Continued growth required further expansion, and in 1985 an additional section was added to the facility to better serve their expanding customer base. This addition is where 1504 Mehle Avenue in Arabi formed and served as its home for many years. As demand continued to increase, another major milestone came when Arabi Sling & Rigging moved into its current, larger facility at 4700 E. Judge Perez Drive, allowing the company to operate more efficiently and better support its customers' needs.

After the passing of Louis Flores, Jr. in 2001, his wife and children embraced the responsibility of carrying the business forward. Staying true to the values and principles instilled by Mr. Flores, they continued leading with the same passion and dedication he was known for. Through challenging business cycles, their faith, perseverance, hard work, and cheerful hearts carried them through, and these principles continue to keep Arabi Sling & Rigging strong today.

The name Louis Flores, Jr. has become synonymous with success, and the foundation he laid remains at the heart of the company as the family's third generation grows into the business. Preserving the traditions, values, and commitment to excellence that he established is deeply important to us, and we strive to ensure our customers experience that same dedication every day.

For more than 50 years, Arabi Sling & Rigging has been a leading manufacturer of lifting slings, cargo control, marine and industrial supplies, and material handling equipment. While competitive pricing is always a consideration, we are proud of our unmatched commitment to quality, customer service, and lead time. Since our founding in 1972, we have remained a constant in the industry by exceeding customer expectations and building strong partnerships with our distributors.

We continue to grow our business and deliver exceptional products, just as our Paw-Paw dreamed.

Our family sincerely appreciates your business, and we look forward to serving you for many years to come.



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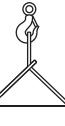
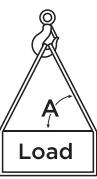
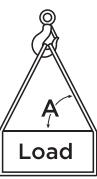
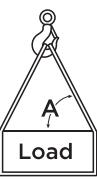
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# ROUNDSLING INFORMATION

Common Types of Sling Hitches		Increased sling tension as a function of sling-to-load angle		Reductions in rated capacity as a function of angle of choke		Actual Sling Capacity = Rated Capacity x Reduction Factor		
<b>Hitch</b> 		<b>Comments</b> One end is placed on the hook, while the other end is attached directly to the load. A tagline should be used to prevent load rotation.		<b>Angle "A" in degrees from horizontal</b>		<b>Tension Multiplier</b>		
<b>Vertical Hitch</b> 		Sling passes through one end around the load and the other end is placed on the hook. Rated capacity is normally 80% of that for a vertical hitch. Load control is a potential problem with only one sling rigged in a choker hitch. Also, the choke point should always be on the sling body—not on the fittings, base of the fitting or tag.		90      1.000 85      1.004 80      1.015 75      1.035 70      1.064 65      1.104 60      1.155 55      1.221 50      1.305 45      1.414 40      1.555 35      1.742 30      2.000		<b>Angle of Choke (degrees)</b>		
<b>Choker Hitch</b> 		The sling cradles the load while both ends are attached overhead. The rated capacity for a basket hitch is twice that for a vertical hitch. As with the choker hitch, more than one sling rigged in basket hitch (or some other means) may be necessary to help ensure load control.		<b>= or &gt; &lt;</b>		<b>Angle of Choke Reduction Factor</b>		
<b>Basket Hitch</b> 				Multiply the load weight (per leg) by the tension factor to determine the increased tension of the sling leg(s)				
<b>Minimum edge radii suitable for contact unprotected polyester roundslings</b>		<b>Suitable connection hardware sizes for Polyester Roundslings when used in Choker and Vertical hitches</b>		<b>Angle of Choke Reduction Factor</b>		<b>Actual Sling Capacity = Rated Capacity x Reduction Factor</b>		
<b>Sling Size</b>	<b>Vertical Rated Capacity</b>		<b>Minimum Edge Radii</b>		<b>Minimum Edge Radii</b>		<b>Sling Width at Load</b>	
	<b>lbs.</b>	<b>kgs.</b>	<b>inch</b>	<b>mm</b>	<b>inch</b>	<b>mm</b>	<b>inch</b>	<b>mm</b>
1	2,600	1,200	0.14	3.55	3/16	4.76	0.97	24.63
2	5,300	2,400	0.21	5.33	1/4	6.35	1.29	32.76
3	8,400	3,800	0.26	6.60	5/16	7.93	1.66	42.16
4	10,600	4,800	0.30	7.62	5/16	7.93	1.78	45.21
5	13,200	6,000	0.33	8.38	3/8	9.52	2.00	50.80
6	16,800	7,600	0.40	10.16	7/16	11.11	2.13	54.10
7	21,200	9,600	0.41	10.41	7/16	11.11	2.62	66.54
8	25,000	11,400	0.44	11.17	7/16	11.11	2.85	72.39
9	31,000	14,100	0.50	12.70	1/2	12.70	3.15	80.01
10	40,000	18,200	0.56	14.22	9/16	14.28	3.57	90.67
11	53,000	24,100	0.67	17.01	11/16	17.46	4.00	101.60
12	66,000	30,000	0.72	18.28	3/4	19.05	4.60	116.84
13	90,000	40,900	0.87	22.09	7/8	22.22	5.22	132.58

## Roundsling Removal from Service Criteria

- If Roundsling identification tag is missing or not readable
- Holes, tears, cuts, embedded materials, excessive abrasive wear, or snags that expose the core yarn of the Roundsling.
- Broken or damaged core yarn.
- If Roundsling has been tied into one or more knots.
- Acid or caustic burns of the Roundsling.
- Melting, charring or weld spatter of any part of the Roundsling.
  - Distortion, excessive pitting, corrosion or other damage to fitting(s).
  - Broken or worn stitching in the cover which exposes the core yarn.
  - Any conditions which cause doubt as to the strength of the Roundsling.



## WHERE TO FIND ADDITIONAL INFORMATION:

- WSTDA-RS-1 – RECOMMENDED STANDARD SPECIFICATION FOR SYNTHETIC POLYESTER ROUNDSLINGS
- WSTDA-RS-1HP – RECOMMENDED STANDARD SPECIFICATION FOR HIGH PERFORMANCE YARN ROUNDSLINGS
- WSTDA-RS-2 – RECOMMENDED OPERATING AND INSPECTION MANUAL FOR SYNTHETIC POLYESTER ROUNDSLINGS
- ASME B30.9 – SYNTHETIC ROUNDSLINGS: SELECTION, USE AND MAINTENANCE
- OSHA GUIDANCE ON SAFE SLING USE ([HTTP://WWW.OSHA.GOV/DSG/GUIDANCE/SLINGS/SYNTH-ROUND.HTML](http://WWW.OSHA.GOV/DSG/GUIDANCE/SLINGS/SYNTH-ROUND.HTML))
- OSHA 29 CFR 1910.184 SLINGS
- RIGGING HANDBOOKS
- FORMAL TRAINING FROM CERTIFIED THIRD PARTY OR MANUFACTURER



## BIG EASY ROUNDSLING

A Roundsling is constructed using a continuous loop of core yarns encased in a double wall cover. This cover helps to protect the load bearing yarn from abrasion.

**Features & Benefits:**

- Vertical, Choker & Basket Hitch
- Vertical Capacities from 2,600 lbs. to 110,000 lbs.
- Load bearing points can be rotated to extend life
- Lightweight: Easy to use, versatile, high strength-to-weight ratio
- Low Stretch: Approximately 3% at rated capacity
- Color Coded by Capacity: Allows for quick identification
- Double Wall, Seamless Cover
  - » Helps protect core yarn from UV degradation
  - » Soft cover helps to prevent scratches to load surface

**Manufacturing Tolerance** (applies to roundslings when new, at the time of final manufacture):

- 13,200 lbs. or less – +/-1" + 1% of specified length
- Higher than 13,200 lbs. up to 53,000 lbs. – +/-2" + 1% of specified length
- Higher than 53,000 lbs. – +/-3" + 1% of specified length

**Overall Length**

**Matched Set Length Tolerance:** When multiple legs of a bridle sling are made, or when multiple slings are prescribed to be made within a Matched Set Tolerance, their length variance from their nominal length shall remain within a dimension equal to one-half of their corresponding Standard Length Tolerance Values.

**Measurement Method:** Roundsling length is measured with the sling laid flat while being manually pulled taut.

Part #	Color Code	RATED CAPACITY IN POUNDS				Minimum Length	Weight Per Foot (lbs.)	Body DIA Relaxed
		Vertical	Choker	Basket At 90°	Basket At 45°			
BRS30	PURPLE	2,600	2,100	5,200	3,600	2'	0.2	5/8"
BRS60	GREEN	5,300	4,240	10,600	7,400	2'	0.3	7/8"
BRS90	YELLOW	8,400	6,700	16,800	11,800	2'	0.5	1 1/8"
BRS120	TAN	10,600	8,500	21,200	14,000	2'	0.6	1 1/8"
BRS150	RED	13,200	10,600	26,400	18,000	3'	0.8	1 3/8"
BRS180	WHITE	16,800	13,400	33,600	23,000	3'	0.9	1 3/8"
BRS240	BLUE	21,200	17,000	42,400	29,000	3'	1.3	1 3/4"
BRS300	ORANGE	25,000	20,000	50,000	35,000	4'	1.5	2"
BRS360	GREY	31,000	24,800	62,000	43,300	4'	1.7	2 1/4"
BRS400	ORANGE	40,000	32,000	80,000	56,500	6'	2.2	2 1/2"
BRS600	BROWN	53,000	42,400	106,000	74,000	6'	2.8	2 3/4"
BRS800	OLIVE	66,000	52,800	132,000	93,000	6'	3.4	3 1/8"
BRS1000	BLACK	90,000	72,000	180,000	127,000	6'	4.3	3 5/8"
BRS1100	BLACK	100,000	80,000	200,000	141,000	6'	4.83	4 1/4"
BRS1200	BLACK	110,000	88,000	220,000	155,000	8'	5.28	4 1/2"

\* Larger Capacities Available. Please contact our office for a quote and more information.



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.

## BIG EASY HIGH PERFORMANCE ROUNDSLING



Overall Length



**Matched Set Length Tolerance:** When multiple legs of a bridle sling are made, or when multiple slings are prescribed to be made within a Matched Set Tolerance, their length variance from their nominal length shall remain within a dimension equal to one-half of their corresponding Standard Length Tolerance Values.

**Measurement Method:** Roundsling length is measured with the sling laid flat while being manually pulled taut.

High Performance Roundslings are constructed using a continuous loop of UHMPE core yarns encased in a texturized nylon, double wall cover. This heavy duty cover helps to protect the load bearing core yarn from abrasion and increase the life of the sling.

**Features & Benefits:**

- Vertical, Choker & Basket Hitch
- Load bearing points can be rotated to extend life
- Lightweight: Ease of use compared to wire rope and chain
- Low Stretch: Approximately 1% at rated capacity
- Highest capacity for the lightest weight
- Texturized Nylon Double Wall, Seamless Cover
  - » Helps protect core yarn from UV degradation
  - » Soft cover helps to prevent scratches to load surface
- Two sliding wear sleeves standard on all BHP slings

**Manufacturing Tolerance** (applies to roundslings when new, at the time of final manufacture):

- 30,000 lbs. or less –  $+\/-1" + 1\%$  of specified length and applies to roundslings when new, at the time of final manufacture.
- Higher than 30,000 lbs. up to 90,000 lbs. –  $+\/-2" + 1\%$  of specified length and applies to roundslings when new, at the time of final manufacture.
- Higher than 90,000 lbs. up to 175,000 lbs. –  $+\/-3" + 1\%$  of specified length and applies to roundslings when new, at the time of final manufacture.
- Higher than 175,000 lbs. –  $+\/-$  Sling Body Diameter + 1% of specified length and applies to roundslings when new, at the time of final manufacture.

Size	RATED CAPACITY IN POUNDS					Min. Length	Body DIA Relaxed (in.)	Width at Load (in.)	Weight Per Foot (lbs.)	Min. Hardware Diameter (in.)	Min. Edge Radii (in.)
	Vertical	Choker	Basket At 90°	Basket At 45°							
BHP10	10,000	8,000	20,000	14,100	4'	1.00	1.60	0.45	0.69	.43	
BHP20	20,000	16,000	40,000	28,000	4'	1.25	2.00	0.55	1.06	.63	
BHP30	30,000	24,000	60,000	42,000	6'	1.40	2.13	0.70	1.44	.75	
BHP40	40,000	32,000	80,000	56,000	6'	1.75	2.75	0.82	1.50	.88	
BHP50	50,000	40,000	100,000	70,000	8'	1.90	2.88	1.02	1.75	.88	
BHP60	60,000	48,000	120,000	84,000	8'	2.00	3.13	1.15	2.00	1.00	
BHP70	70,000	56,000	140,000	98,000	8'	2.15	3.25	1.29	2.19	1.13	
BHP80	80,000	64,000	160,000	113,000	8'	2.25	3.50	1.5	2.38	1.25	
BHP90	90,000	72,000	180,000	127,000	10'	2.50	3.88	1.64	2.38	1.25	
BHP100	100,000	80,000	200,000	141,000	10'	2.75	4.25	1.77	2.50	1.38	
BHP125	125,000	100,000	250,000	176,000	10'	3.00	4.88	2.15	2.63	1.50	
BHP150	150,000	120,000	300,000	210,000	10'	3.25	5.25	2.49	2.88	1.50	
BHP175	175,000	140,000	350,000	240,000	10'	3.50	5.75	3.12	3.13	1.75	
BHP200	200,000	160,000	400,000	280,000	10'	3.75	6.13	3.46	3.38	1.75	

\* Please contact our office for a quote and more information on larger sizes

\*\* BHP10 is made using a Non Heavy Cover Jacket



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.



# BIG EASY HEAVY COVER ROUNDSLING

Big Easy Heavy Cover Roundslings are made using a heavy duty, double wall nylon outer cover. This helps to increase the life of the sling by providing built-in abrasion resistance without the need for bulky wear pads or extra material.

## Features & Benefits:

- Sling made with heavy duty double wall nylon cover
- Non-abrasive nylon cover reduces marring on painted and plated surfaces
- Soft, Pliable and Easy to handle
- Additional Sleeves Available
- Low Stretch: Approximately 3% at rated capacity

**Manufacturing Tolerance** (applies to roundslings when new, at the time of final manufacture):

- 13,200 lbs. or less – +/-1" + 1% of specified length
- Higher than 13,200 lbs. up to 53,000 lbs. – +/-2" + 1% of specified length
- Higher than 53,000 lbs.. – +/-3" + 1% of specified length

**Matched Set Length Tolerance:** When multiple legs of a bridle sling are made, or when multiple slings are prescribed to be made within a Matched Set Tolerance, their length variance from their nominal length shall remain within a dimension equal to one-half of their corresponding Standard Length Tolerance Values.



**Overall Length**



**Measurement Method:** Roundsling length is measured with the sling laid flat while being manually pulled taut.

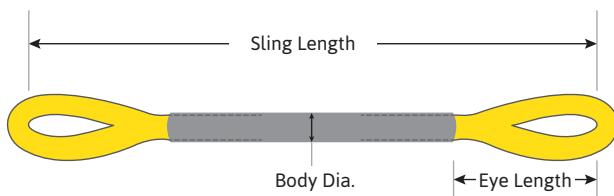
Part #	Color Code	RATED CAPACITY IN POUNDS					Minimum Length	Weight Per Foot (lbs.)	Body DIA Relaxed
		Vertical	Choker	Basket At 90°	Basket At 45°				
BHC150	ORANGE	13,200	10,600	26,400	18,000	3'	0.85	1 3/8"	
BHC180	ORANGE	16,800	13,400	33,600	23,000	3'	0.98	1 3/8"	
BHC240	BLUE	21,200	17,000	42,400	29,000	3'	1.37	1 3/4"	
BHC300	ORANGE	25,000	20,000	50,000	35,000	4'	1.58	2"	
BHC360	GREY	31,000	24,800	62,000	43,300	4'	1.79	2 1/4"	
BHC400	ORANGE	40,000	32,000	80,000	56,500	6'	2.32	2 1/2"	
BHC600	BROWN	53,000	42,400	106,000	74,000	6'	2.95	2 3/4"	
BHC800	OLIVE	66,000	52,800	132,000	93,000	6'	3.58	3 1/8"	
BHC1000	BLACK	90,000	72,000	180,000	127,000	6'	4.53	3 5/8"	
BHC1100	BLACK	100,000	80,000	200,000	141,000	6'	5.15	4 1/4"	
BHC1200	BLACK	110,000	88,000	220,000	155,000	8'	5.67	4 1/2"	



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.



# BIG EASY EYE & EYE ROUNDSLING



**Measurement Method:** Roundsling length is measured with the sling laid flat while being manually pulled taut.

An Eye & Eye Roundsling is made by adding an extra abrasion resistant sleeve to the body of a BRS. Can increase the life of the sling when abrasion to the body is an issue.

## Features & Benefits:

- Additional abrasion resistance for the body of the sling
- Vertical, Choker & Basket Hitch
- Vertical Capacities from 2,600 lbs. to 110,000 lbs.

**Manufacturing Tolerance** (applies to roundslings when new, at the time of final manufacture):

- 13,200 lbs. or less –  $+\/-1"$  + 1% of specified length
- Higher than 13,200 lbs. up to 53,000 lbs. –  $+\/-2"$  + 1% of specified length
- Higher than 53,000 lbs. –  $+\/-3"$  + 1% of specified length

**Matched Set Length Tolerance:** When multiple legs of a bridle sling are made, or when multiple slings are prescribed to be made within a Matched Set Tolerance, their length variance from their nominal length shall remain within a dimension equal to one-half of their corresponding Standard Length Tolerance Values.

Part #	Color Code	RATED CAPACITY IN POUNDS					Min. Length	Weight Per Foot (lbs.)	Body DIA at Load	Standard Eye Length
		Vertical	Choker	Basket At 90°	Basket At 45°					
EEBRS30	PURPLE	2,600	2,100	5,200	3,600	3'	0.25	2.25"	12"	
EEBRS60	GREEN	5,300	4,420	10,600	7,400	3'	0.36	2.5"	12"	
EEBRS90	YELLOW	8,400	6,700	16,800	11,800	3'	0.55	2.5"	12"	
EEBRS120	TAN	10,600	8,500	21,200	14,000	3'	0.65	3.5"	12"	
EEBRS150	RED	13,200	10,600	26,400	18,000	3'	0.85	3.5"	14"	
EEBRS180	WHITE	16,800	13,400	33,600	23,000	3'	0.95	3.5"	16"	
EEBRS240	BLUE	21,200	17,000	42,400	29,000	3'	1.5	4.5"	16"	
EEBRS300	ORANGE	25,000	20,000	50,000	35,000	4'	2	5.5"	18"	
EEBRS360	GREY	31,000	24,800	62,000	43,300	4'	2.3	6"	20"	
EEBRS400	ORANGE	40,000	32,000	80,000	56,500	4'	2.7	6"	24"	
EEBRS600	BROWN	53,000	42,400	106,000	74,000	6'	3.3	7"	24"	
EEBRS800	OLIVE	66,000	52,800	132,000	93,000	6'	3.9	8"	30"	
EEBRS1000	BLACK	90,000	72,000	180,000	127,000	6'	4.8	9"	36"	
EEBRS1100	BLACK	100,000	80,000	200,000	141,000	6'	5.3	9.5"	36"	
EEBRS1200	BLACK	110,000	88,000	220,000	155,000	8'	5.77	9.75"	36"	

\* Larger Capacities Available. Please contact our office for a quote and more information.



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.



# BIG EASY STAGE ROUNDSLING

Stage roundslings are designed for suspension applications where metal slings are required. The load-bearing member of a stage roundsling is made from steel galvanized aircraft cable. This wire core is encased in a black double-wall jacket that complies with all of the current rigging codes.

## Features & Benefits:

- Standard Lengths Available
  - » 3', 4', 6' & 9'
- Saves Time and Money
  - » No backup rigging required
  - » Fewer components to inventory and carry
  - » Superior flexibility makes rigging easy
  - » Lowers show to show freight costs
- Increased Safety
  - » Improved cut resistance
  - » Higher heat resistance
  - » Conforms to load to grip securely



Overall Length



	RATED CAPACITY IN POUNDS		
Part #	Vertical	Choker	Basket At 90°
GACA60	5,300	4,200	10,600

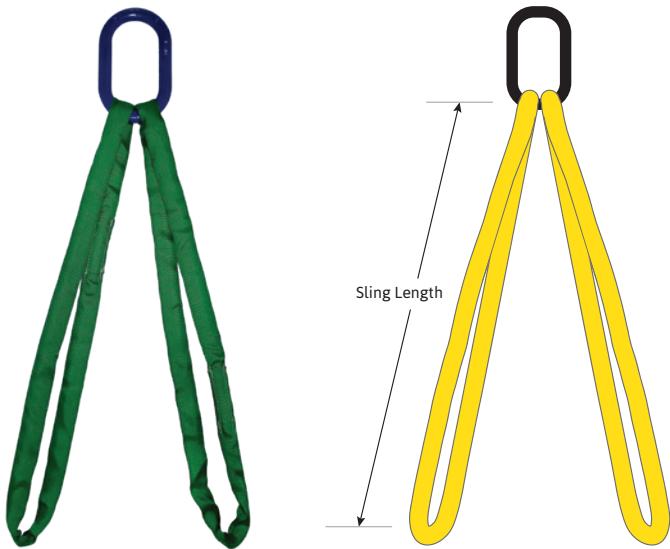
\* Custom Lengths Available Upon Request. Please contact our office for a quote and more information.



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.



## BIG EASY BRIDLE ROUNDSLING



**Matched Set Length Tolerance:** When multiple legs of a bridle sling are made, or when multiple slings are prescribed to be made within a Matched Set Tolerance, their length variance from their nominal length shall remain within a dimension equal to one-half of their corresponding Standard Length Tolerance Values.

**Measurement Method:** Roundsling length is measured with the sling laid flat while being manually pulled taut.

Roundsling Bridles are lightweight, pliable and can provide better load control and balance.

### Features & Benefits:

- Can prevent cutting & abrasion at sling bearing points when using hardware
- Lightweight, Pliable
- Easier rigging and storage than wire rope and chain
- Better load control & balance
- Load bearing points can be rotated to extend life (when not built in eye/eye configuration)
- Low stretch: Approximately 3% at rated capacity
- Double Wall, Seamless Cover
  - » Helps protect core yarn from UV degradation
  - » Soft cover helps to prevent scratches to load surface
- Two sliding wear sleeves standard on all BHP slings

**Manufacturing Tolerance** (applies to roundslings when new, at the time of final manufacture):

- 13,200 lbs. or less –  $+/-1"$  + 1% of specified length
- Higher than 13,200 lbs. up to 53,000 lbs. –  $+/-2"$  + 1% of specified length
- Higher than 53,000 lbs. –  $+/-3"$  + 1% of specified length

## BIG EASY BRIDLE ROUNDSLING ORDERING GUIDE

NUMBER OF LEGS	TOP ATTACHMENT	BOTTOM ATTACHMENT	LEG TYPE
S SINGLE	O OBLONG/MASTER LINK	O OBLONG/MASTER LINK	EE EYE & EYE
D DOUBLE	A SUB ASSEMBLY	S SLING HOOK*	
T TRIPLE	S SLING HOOK*	H SHACKLE*	
Q QUAD	H SHACKLE*		
*Note Type of Hook or Type of Shackle in Description			Leave Blank if Standard Legs Required
EXAMPLE PREFIXES:	DESCRIPTION	EXAMPLE:	
SOP	Single leg w/1 oblong on body	A 4-Leg, BRS150 (RED) Big Easy Bridle Roundsling x 10' Long (Bearing to Bearing) with an Oblong Link & Alloy Sling Hooks	
SOO	Single leg w/2 oblongs on body		
SOS	Single leg w/oblong & sling hook on body		
SSS	Single leg sling hook each end		
DOP	Double leg oblong @ top		
DOS	Double leg oblong @ top & sling hooks @ bottom		
TOP	Triple leg oblong @ top		
TOS	Triple leg oblong @ top & sling hooks @ bottom		
QOP	Quadruple leg oblong @ top		
QOS	Quadruple leg oblong @ top & sling hooks @ bottom		



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.

Part # to Order:  
QOSBRS150X10



## BIG EASY BRIDLE ROUNDSLING

## SINGLE LEG BRIDLE

	Part #	BRS30	BRS60	BRS90	BRS120	BRS150	BRS180	BRS240	BRS300	BRS360	BRS400	BRS600	BRS800	BRS1000
RATED CAPACITY IN LBS.	Vertical	2600	5300	8400	10600	13200	16800	21200	25000	31000	40000	53000	66000	90000
	Choker	2100	4240	6700	8500	10600	13400	17000	20000	24800	32000	42400	52800	72000
	Basket	5200	10600	16800	21200	26400	33600	42400	50000	62000	80000	106000	132000	180000
	Master Link	1/2"	3/4"	3/4"	3/4"	1"	1-1/4"	1-1/4"	1-1/2"	1-1/2"	1-3/4"	2"	2-1/4"	2-1/2"
	Alloy Hook	2T	5T	7T	11T	11T	15T	22T	37T	37T	45T	60T	N/A	N/A
	Carbon Hook	2T	3T	5T	7.5T	7.5T	10T	15T	25T	25T	30T	40T	N/A	N/A
	Sling Saver Hook	1.5T	3T	5T	5T	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Sling Saver Shackle	3-1/4T	3-1/4T	6-1/2T	6-1/2T	8-3/4T	8-3/4T	12-1/2T	12-1/2T	20-1/2T	20-1/2T	35T	35T	50T

## TWO LEG BRIDLE

	Part #	BRS30	BRS60	BRS90	BRS120	BRS150	BRS180	BRS240	BRS300	BRS360	BRS400	BRS600	BRS800	BRS1000
RATED CAPACITY IN LBS.	Single Leg @ 90°	2600	5300	8400	10600	13200	16800	21200	25000	31000	40000	53000	66000	90000
	All Legs @ 60°	4500	9100	14500	18300	22800	29100	36700	43300	53700	69250	91800	114300	155800
	All Legs @ 45°	3600	7400	11800	14900	18600	23700	29900	35300	43800	56500	74900	93300	127200
	All Legs @ 30°	2600	5300	8400	10600	13200	16800	21200	25000	31000	40000	53000	66000	90000
	Master Link	1/2"	3/4"	1"	1-1/4"	1-1/4"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2-1/2"	3"	3-1/4"
	Alloy Hook	2T	5T	7T	11T	11T	15T	22T	37T	37T	45T	60T	N/A	N/A
	Carbon Hook	2T	3T	5T	7.5T	7.5T	10T	15T	25T	25T	30T	40T	N/A	N/A
	Sling Saver Hook	1.5T	3T	5T	5T	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Sling Saver Shackle	3-1/4T	3-1/4T	6-1/2T	6-1/2T	8-3/4T	8-3/4T	12-1/2T	12-1/2T	20-1/2T	20-1/2T	35T	35T	50T

## THREE LEG BRIDLE

	Part #	BRS30	BRS60	BRS90	BRS120	BRS150	BRS180	BRS240	BRS300	BRS360	BRS400	BRS600	BRS800	BRS1000
RATED CAPACITY IN LBS.	Single Leg @ 90°	2600	5300	8400	10600	13200	16800	21200	25000	31000	40000	53000	66000	90000
	All Legs @ 60°	6700	13700	21800	27500	34200	43600	55000	64900	80500	103850	137600	171400	233800
	All Legs @ 45°	5500	11200	17800	22400	27900	35600	44900	53000	65700	84850	112400	139900	190800
	All Legs @ 30°	3900	7900	12600	15900	19800	25200	31800	37500	46500	60000	75900	99000	135000
	Master Link	3/4"	1"	1-1/4"	1-1/2"	1-1/2"	1-3/4"	2"	2-1/4"	2-1/4"	2-1/2"	2-3/4"	3-1/2"	4-1/4"
	Sub Assembly	3/4"	1"	1-1/4"	1-1/2"	1-1/2"	1-3/4"	2"	2"	2-1/2"	2-1/2"	2-3/4"	2-3/4"	4"
	Alloy Hook	2T	5T	7T	11T	11T	15T	22T	37T	37T	45T	60T	N/A	N/A
	Carbon Hook	2T	3T	5T	7.5T	7.5T	10T	15T	25T	25T	30T	40T	N/A	N/A
	Sling Saver Hook	1.5T	3T	5T	5T	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Sling Saver Shackle	3-1/4T	3-1/4T	6-1/2T	6-1/2T	8-3/4T	8-3/4T	12-1/2T	12-1/2T	20-1/2T	20-1/2T	35T	35T	50T

## FOUR LEG BRIDLE

	Part #	BRS30	BRS60	BRS90	BRS120	BRS150	BRS180	BRS240	BRS300	BRS360	BRS400	BRS600	BRS800	BRS1000
RATED CAPACITY IN LBS.	Single Leg @ 90°	2600	5300	8400	10600	13200	16800	21200	25000	31000	40000	53000	66000	90000
	All Legs @ 60°	9000	18300	29100	36700	45700	58200	73400	86500	107300	138500	183600	228600	311700
	All Legs @ 45°	7300	14900	23700	29900	37300	47500	59900	70700	87600	113100	149900	186600	254500
	All Legs @ 30°	5200	10600	16800	21200	26400	33600	42400	50000	62000	80000	106000	132000	180000
	Master Link	3/4"	1-1/4"	1-1/2"	1-1/2"	1-3/4"	2"	2-1/4"	2-3/4"	2-3/4"	3"	3-1/2"	4-1/4"	4-3/4"
	Sub Assembly	3/4"	1"	1-1/4"	1-1/2"	1-1/2"	1-3/4"	2"	2"	2-1/2"	2-1/2"	2-3/4"	4"	4"
	Alloy Hook	2T	5T	7T	11T	11T	15T	22T	37T	37T	45T	60T	N/A	N/A
	Carbon Hook	2T	3T	5T	7.5T	7.5T	10T	15T	25T	25T	30T	40T	N/A	N/A
	Sling Saver Hook	1.5T	3T	5T	5T	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Sling Saver Shackle	3-1/4T	3-1/4T	6-1/2T	6-1/2T	8-3/4T	8-3/4T	12-1/2T	12-1/2T	20-1/2T	20-1/2T	35T	35T	50T

\* Custom Options Available. Please contact our office for more information



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.



## BIG EASY FLOW LINE RESTRAINT



Polyester Restraints are constructed similar to an Endless Polyester Roundsling. They are constructed using a continuous loop of core yarns encased in a double wall cover. This cover helps to protect the load bearing yarn from abrasion.

Restraints can use similar color codes as standard roundslings (Lifting Slings) but Polyester Flow Line restraints do offer different capacities than a standard roundsling.

Restraints are not to be used for Overhead Lifting

### Features & Benefits:

- Lightweight: Easy to use, versatile, high strength-to-weight ratio
- Restraints designed for 2", 3" & 4" Iron
- Rated in PSI and/or Break Strength
- Color Coded to allow for quick identification (Custom Colors Available)
- Private Label Available
- Double Wall, Seamless Cover
  - » Helps protect core yarn from UV degradation and Abrasion

**Manufacturing Tolerance** (applies to roundslings when new, at the time of final manufacture):

- RED –  $+\/-1" + 1\%$  of specified length
- BLUE –  $+\/-2" + 1\%$  of specified length
- ORANGE –  $+\/-3" + 1\%$  of specified length

**Matched Set Length Tolerance:** When multiple legs of a bridle sling are made, or when multiple slings are prescribed to be made within a Matched Set Tolerance, their length variance from their nominal length shall remain within a dimension equal to one-half of their corresponding Standard Length Tolerance Values.

**Measurement Method:** Roundsling length is measured with the sling laid flat while being manually pulled taut.

Proper Use of Restraints can reduce **But Not Eliminate** the risk of severe personal injury or death.

Part #	Color Code	Max PSI – 2" 1502	Max PSI – 3" 1502	Max PSI – 4" 1502
BFR78	RED	15,000	8,000	5,000
BFR160	BLUE	20,000	15,000	10,000
BFR200	ORANGE	20,000	15,000	15,000

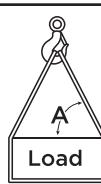
## WEB SLING INFORMATION

## Common Types of Sling Hitches

Hitch	Comments
Vertical Hitch	One end is placed on the hook, while the other end is attached directly to the load. A tagline should be used to prevent load rotation.
Choker Hitch	Sling passes through one end around the load and the other end is placed on the hook. Rated capacity is normally 80% of that for a vertical hitch. Load control is a potential problem with only one sling rigged in a choker hitch. Also, the choke point should always be on the sling body—not on the fittings, base of the fitting or tag.
Basket Hitch	The sling cradles the load while both ends are attached overhead. The rated capacity for a basket hitch is twice that for a vertical hitch. As with the choker hitch, more than one sling rigged in a basket hitch (or some other means) may be necessary to help ensure load control.

## Increased sling tension as a function of sling-to-load angle

Angle "A" in degrees from horizontal	Tension Multiplier
90	1.000
85	1.004
80	1.015
75	1.035
70	1.064
65	1.104
60	1.155
55	1.221
50	1.305
45	1.414
40	1.555
35	1.742
30	2.000

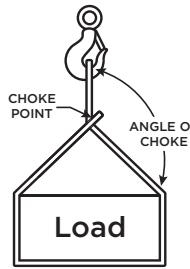


Multiply the load weight (per leg) by the tension factor to determine the increased tension of the sling leg(s)

## Reductions in rated capacity as a function of angle of choke

Angle of Choke (degrees)		Angle of Choke Reduction Factor
= or >	<	
120	180	1.000
105	120	0.82
90	105	0.71
60	90	0.58
0	60	0.50

Actual Sling Capacity =  
Rated Capacity x  
Reduction Factor



## Web Sling Removal from Service Criteria

- If sling identification tag is missing or not readable.
- Holes, tears, cuts, snags, or embedded materials.
- Broken or worn stitches in the load bearing splices.
- Knots in any part of the sling webbing.
- Acid or alkali burns
- Melting, charring or weld spatter on any part of the web sling.
- Excessive abrasive wear or crushed webbing.
- Signs of Ultraviolet (UV) light degradation.
- Distortion, excessive pitting, corrosion or other damage to fitting(s).
- If provided, exposed red core yarn. However, if damage is present and red yarns are not exposed DO NOT USE the sling.
- Any conditions which cause doubt as to the strength of the web sling.

## WHERE TO FIND ADDITIONAL INFORMATION:

- WSTDA-WS-1 – RECOMMENDED STANDARD SPECIFICATION FOR SYNTHETIC POLYESTER WEB SLINGS
- WSTDA-WS-2 – RECOMMENDED OPERATING, CARE AND INSPECTION MANUAL FOR NYLON & POLYESTER SYNTHETIC WEB SLINGS
- ASME B30.9 – SYNTHETIC WEBBING SLINGS: SELECTION, USE AND MAINTENANCE
- OSHA GUIDANCE ON SAFE SLING USE ([HTTP://WWW.OSHA.GOV/DSG/GUIDANCE/SLINGS/SYNTH-WEB.HTML](http://www.osha.gov/dsg/guidance/slings/synth-web.html))
- OSHA 29 CFR 1910.184 - SLINGS
- RIGGING HANDBOOKS
- FORMAL TRAINING FROM CERTIFIED THIRD PARTY OR MANUFACTURE

Sling Thickness	Tolerance
1 PLY	+/- 1.5" + 1.5% of Sling Length
2 PLY	+/- 2" + 2% of Sling Length
3 & 4 PLY	+/- 3" + 3% of Sling Length

\* For web sling widths wider than 6", add 1/2" to these values. For tighter tolerance or matched set lengths, consult the manufacturer.

**Matched Set Length Tolerance** – When multiple legs of a bridle sling are made, or when multiple slings are prescribed to be made within a Matched Set Tolerance, their length variance from their nominal length shall remain within a dimension equal to one-half of their corresponding Standard Length Tolerance Values listed.

**Measurement Method** – Web sling length is measured with the sling laid flat while being manually pulled taut.



## TYPES OF WEBBING

### MATERIAL TYPES:

**P**  
Polyester  
Webbing



**PDE**  
Polyester  
Defense  
Edge



**N**  
Nylon  
Webbing

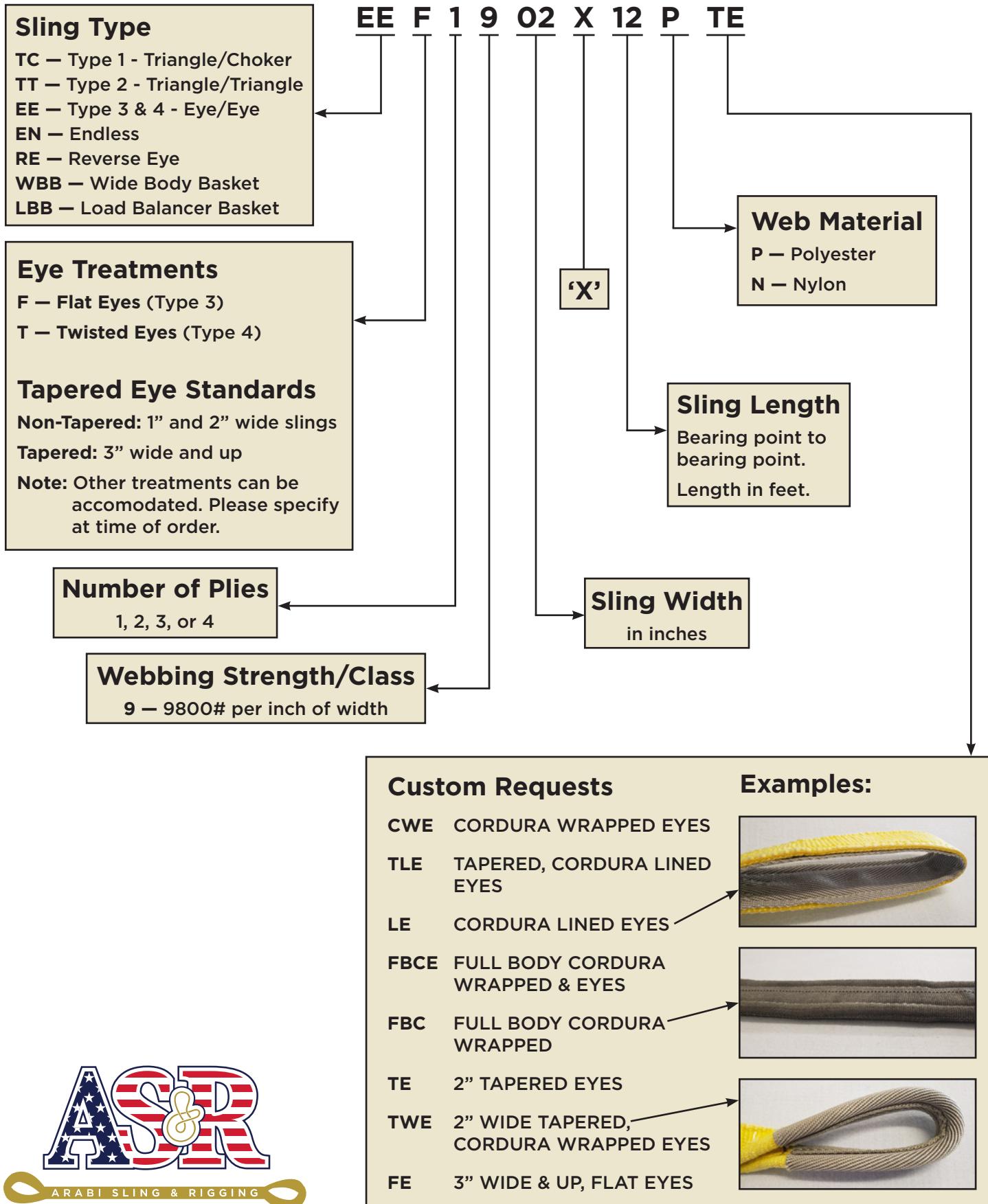


## NYLON VS POLYESTER

- Nylon and Polyester materials are heavy webbing designed to perform in tough industrial conditions. Both perform equally well in many applications, but as you can see below each is designed for specific conditions.
- Nylon will stretch about 6% when loaded while Polyester will stretch roughly 3% and water absorption is low for both material.
- Neither Nylon or Polyester should be exposed to heat exceeding 194° F (90° C) or below -40° F (-40° C).

CHEMICAL	NYLON	POLYESTER
ACIDS	NO	*
ALCOHOL	OK	OK
ALDEHYDES	OK	NO
STRONG ALKALIS	OK	NO
BLEACHING AGENTS	NO	OK
DRY CLEANING SOLVENTS	OK	OK
ETHERS	OK	OK
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.*



## TRIANGLE / TRIANGLE AND TRIANGLE / CHOKER WEB SLING

		RATED CAPACITY IN POUNDS				
		Type 1 TCA(S) Type 2 TTA(S)	Vertical	Choker	Basket Hitch @ 90°	Web Width
ONE PLY	1902	3,100	2,480	6,200	2"	
	1903	4,700	3,760	9,400	3"	
	1904	6,200	4,960	12,400	4"	
	1905	7,800	6,240	15,600	5"	
	1906	9,300	7,440	18,600	6"	
	1908	11,800	9,440	23,600	8"	
	1910	14,700	11,760	29,400	10"	
	1912	17,600	14,080	35,200	12"	
TWO PLY	2902	6,200	4,960	12,400	2"	
	2903	8,800	7,040	17,600	3"	
	2904	11,000	8,800	22,000	4"	
	2905	13,700	10,960	27,400	5"	
	2906	16,500	13,200	33,000	6"	
	2908	22,700	18,160	45,400	8"	
	2910	28,400	22,720	56,800	10"	
	2912	34,100	27,280	68,200	12"	



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees. Fittings should never be used where exposure to sprays, mists, vapors, fumes or liquids of harmful acids, alkalies, chlorine or other corrosive agents are present. While aluminum fittings are non-sparking and do not rust, they are not as durable and cost more than steel hardware. Aluminum fittings are degraded by salt water and should not be cleaned with chlorine based solutions.



### TRIANGLE / CHOKER

- Steel or Aluminum end fittings available
- Easily used in Basket and Choker Hitches
- Fittings help reduce abrasion
- Can create easier connection to hoist hooks
- Steel fitting provided as a standard on 2-Ply & 4-Ply slings



### TRIANGLE / TRIANGLE

- Steel or Aluminum end fittings available
- Easily used in Basket and Vertical – Not used for Choker Hitch
- Fittings help reduce abrasion
- Can create easier connection to hoist hooks
- Steel fitting provided as a standard on 2-Ply & 4-Ply slings

Sling Thickness	Tolerance
1 PLY	+/- 1.5" + 1.5% of Sling Length
2 PLY	+/- 2" + 2% of Sling Length
3 & 4 PLY	+/- 3" + 3% of Sling Length

\* For web sling widths wider than 6", add 1/2" to these values. For tighter tolerance or matched set lengths, consult the manufacturer.

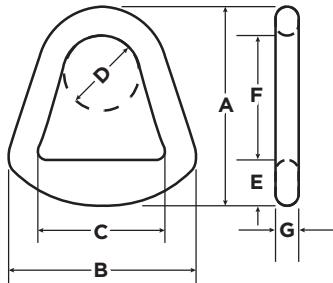
**Matched Set Length Tolerance** – When multiple legs of a bridle sling are made, or when multiple slings are prescribed to be made within a Matched Set Tolerance, their length variance from their nominal length shall remain within a dimension equal to one-half of their corresponding Standard Length Tolerance Values listed.

**Measurement Method** – Web sling length is measured with the sling laid flat while being manually pulled taut.



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.

# TRIANGLE / TRIANGLE AND TRIANGLE / CHOKER WEB SLING HARDWARE SPECIFICATIONS

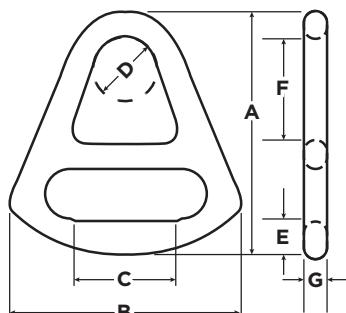


TRIANGLES 2-PLY DIMENSIONS & DATA										
Size	A	B	C	D	E	F	G	Approx. Weight (lbs.)	W.L.L.	Min. Break Strength
ST2	3-7/8	3-3/4	2-1/8	1-3/4	1	2-5/16	1/2	1	6,600	33,000
ST3	5-3/16	5	3-1/16	2	1-1/4	3-5/16	1/2	1.6	8,900	44,500
ST4	6-7/16	6-5/8	4-5/16	2	1-5/8	3-7/8	1/2	2.7	11,600	58,000
ST5	7-7/8	7-15/16	5-3/16	2-1/2	2	4-15/16	1/2	3.5	14,000	70,000
ST6	9	9-1/4	6-1/8	2-3/4	2-5/16	5-9/16	1/2	5.3	16,800	84,000
ST8	11-7/15	12	8-1/4	3-5/8	2-7/8	7-3/16	3/4	12	22,400	112,000
ST10	13-1/4	14-1/8	10-1/8	4-7/8	3-5/8	8-1/4	3/4	17	28,000	140,000
ST12	12-13/16	16-7/16	12-3/8	5	4-1/16	8	3/4	19	32,000	160,000

## TRIANGLES 4-PLY DIMENSIONS &amp; DATA

Size	A	B	C	D	E	F	G	Approx. Weight (lbs.)	W.L.L.	Min. Break Strength
ST2	4-5/16	3-7/8	2-3/16	1-5/8	1-1/8	2-3/8	1/2	2.0	11,800	59,200
ST3	5-1/2	5.3/4	3-3/16	2-1/4	1-3/8	3-5/16	3/4	2.5	17,800	88,800
ST4	6-1/2	6-3/4	4-3/16	2-1/2	1-13/16	3-3/4	3/4	4.5	25,000	115,200
ST5	7-15/16	8	5-1/4	2-3/4	2-1/8	5	3/4	5.3	28,000	140,000
ST6	9-1/16	9-5/16	6-1/4	3	2-5/16	5-1/2	1	10.0	32,700	163,200
ST8	12-1/16	12-3/16	8-1/4	3-3/4	3-3/16	7-1/4	1-1/4	18.0	46,100	230,400
ST10	13-5/16	14-3/8	10-1/4	4-3/4	3-13/16	8-1/16	1-1/2	35.0	57,600	288,000
ST12	14-11/16	16-3/4	12-3/8	5-3/4	4-3/8	8-5/16	1-1/2	40.0	65,300	326,400

## CHOKERS 2-PLY DIMENSIONS &amp; DATA



Size	A	B	C	D	E	F	G	Approx. Weight (lbs.)	W.L.L.	Min. Break Strength
ST2	6	5-1/2	2-1/8	2	1-1/16	2-1/4	1/2	2	6,600	33,000
ST3	7-1/2	7	3-1/8	2	1-3/16	3-3/16	1/2	2.9	8,900	44,500
ST4	9-5/16	9-9/16	4-1/8	2-1/2	1-13/16	3-1/2	1/2	6	11,600	58,000
ST5	10-9/16	11-5/8	5-1/8	2-3/4	2-1/16	4-7/16	1/2	7	14,000	70,000
ST6	12	12-3/4	6-1/8	2-7/8	2-11/16	4-9/16	1/2	9.8	16,800	84,000
ST8	14-7/16	16-1/2	8-1/8	5	2-13/16	6-7/16	3/4	24	22,400	112,000
ST10	16-1/2	18-3/4	10-1/4	5-1/8	3-1/2	7-5/8	3/4	28	28,000	140,000
ST12	19-1/4	22-5/8	12-1/8	5-1/2	4-1/4	9-3/4	3/4	40	32,000	160,000

## CHOKERS 4-PLY DIMENSIONS &amp; DATA

Size	A	B	C	D	E	F	G	Approx. Weight (lbs.)	W.L.L.	Min. Break Strength
ST2	7	5-7/8	2-1/4	2	1-1/8	2-5/16	1/2	3	11,800	59,200
ST3	8-3/4	7-7/8	3-1/4	2	1-5/16	3-5/16	3/4	5.5	17,800	88,800
ST4	9-5/16	9-13/16	4-1/4	2-3/4	1-11/16	3-3/4	3/4	9.0	25,000	115,200
ST5	10-7/8	12	5-1/4	2-7/8	2-3/16	4-1/2	3/4	18.5	28,000	140,000
ST6	12-3/8	12-3/4	6-1/4	3	2-5/8	5-1/4	1	19	32,700	163,200
ST8	14-9/16	16-5/8	8-1/4	4-3/4	2-3/4	6-1/2	1-1/4	44	46,100	230,400
ST10	17-3/8	19-5/8	10-1/4	5-1/4	3-7/8	7-9/16	1-1/2	67	57,600	288,000
ST12	19-5/8	23-3/16	12-1/4	5-1/2	4	9-7/8	1-1/2	89	65,300	326,400



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.

# WEB SLINGS

## FLAT & TWISTED EYE/EYE WEB SLING



	RATED CAPACITY IN POUNDS							
	Type 3 EEF Type 4 EET	Vertical	Choker	Basket Hitch @ 90°	Web Width	Eye Length	Eye Width	
ONE PLY	1901	1,600	1,280	3,200	1"	9"	1"	
	1902	3,100	2,480	6,200	2"	9"	2"	
	1903	4,700	3,760	9,400	3"	12"	1.5"	
	1904	6,200	4,960	12,400	4"	14"	2"	
	1906	9,300	7,440	18,600	6"	18"	2"	
	1908	11,800	9,440	23,600	8"	22"	3"	
	1910	14,700	11,760	29,400	10"	28"	3.5"	
	1912	17,600	14,080	35,200	12"	30"	4"	
TWO PLY	2901	3,100	2,480	6,200	1"	9"	1"	
	2902	6,200	4,960	12,400	2"	9"	2"	
	2903	8,800	7,040	17,600	3"	12"	1.5"	
	2904	11,000	8,800	22,000	4"	14"	2"	
	2906	16,500	13,200	33,000	6"	18"	2"	
	2908	22,700	18,160	45,400	8"	22"	3"	
	2910	28,400	22,720	56,800	10"	28"	3.5"	
	2912	34,100	27,280	68,200	12"	30"	4"	
THREE PLY	3901	4,700	3,760	9,400	1"	12"	1"	
	3902	9,300	7,440	18,600	2"	12"	2"	
	3903	13,500	10,800	27,000	3"	14"	1.5"	
	3904	17,200	13,760	34,400	4"	18"	2"	
	3906	24,400	19,520	48,800	6"	24"	3"	
	3908	30,700	24,560	61,400	8"	26"	4"	
	3910	36,000	28,800	72,000	10"	30"	5"	
	3912	40,300	32,240	80,600	12"	42"	6"	
FOUR PLY	4901	5,500	4,400	11,000	1"	12"	1"	
	4902	11,000	8,800	22,000	2"	12"	2"	
	4903	16,400	13,120	32,800	3"	14"	1.5"	
	4904	20,400	16,320	40,800	4"	18"	2"	
	4906	30,800	24,640	61,600	6"	26"	3"	
	4908	41,000	32,800	82,000	8"	28"	4"	
	4910	48,000	38,400	96,000	10"	32"	5"	
	4912	60,000	48,000	120,000	12"	44"	6"	

Consider using Roundslings in applications requiring 3-Ply or 4-Ply slings, wider than 6"



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.

### Features & Benefits:

- Can be used in a Vertical, Choker or Basket Hitch
- Flat Eyes (Type 3 / EEF) are standard, Half Twist Eyes (Type 4 / EET) provided upon request
- Available in widths ranging from 1" to 12"
- Available in 1-Ply thru 4-Ply
- Bearing point of sling eyes are tapered to a narrower width on 3" and wider as a standard
- Tapered eyes on 2" wide slings are available upon request
- Additional wear protection is recommended in the eyes and/or on the body of the sling
- Polyester provided as a standard, Nylon available upon request

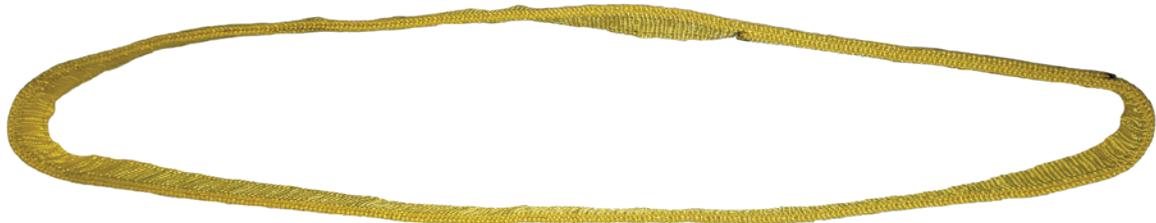
Sling Thickness	Tolerance
1 PLY	+/- 1.5" + 1.5% of Sling Length
2 PLY	+/- 2" + 2% of Sling Length
3 & 4 PLY	+/- 3" + 3% of Sling Length

\* For web sling widths wider than 6", add 1/2" to these values. For tighter tolerance or matched set lengths, consult the manufacturer.

**Matched Set Length Tolerance** – When multiple legs of a bridle sling are made, or when multiple slings are prescribed to be made within a Matched Set Tolerance, their length variance from their nominal length shall remain within a dimension equal to one-half of their corresponding Standard Length Tolerance Values listed.

**Measurement Method** – Web sling length is measured with the sling laid flat while being manually pulled taut.

## ENDLESS WEB SLING

**Features & Benefits:**

- One of the most versatile web slings available
- Can be used in a Vertical, Choker or Basket Hitch
- Easily rotated to adjust bearing points and account for wear
- Available in widths ranging from 1" to 12"
- Available in 1-Ply thru 4-Ply
- Additional wear protection is recommended
- Polyester provided as a standard, Nylon available upon request

Sling Thickness	Tolerance
1 PLY	+/- 1.5" + 1.5% of Sling Length
2 PLY	+/- 2" + 2% of Sling Length
3 & 4 PLY	+/- 3" + 3% of Sling Length

\* For web sling widths wider than 6", add 1/2" to these values. For tighter tolerance or matched set lengths, consult the manufacturer.

**Matched Set Length Tolerance** – When multiple legs of a bridle sling are made, or when multiple slings are prescribed to be made within a Matched Set Tolerance, their length variance from their nominal length shall remain within a dimension equal to one-half of their corresponding Standard Length Tolerance Values listed.

**Measurement Method** – Web sling length is measured with the sling laid flat while being manually pulled taut.

		RATED CAPACITY IN POUNDS				
		Type 5 EN	Vertical	Choker	Basket Hitch @ 90°	Web Width
ONE PLY	1901	3,200	2,560	6,400	1"	
	1902	6,200	4,960	12,400	2"	
	1903	9,400	7,520	18,800	3"	
	1904	12,400	9,920	24,800	4"	
	1906	18,600	14,880	37,200	6"	
	1908	21,200	16,960	42,400	8"	
	1910	26,500	21,200	53,000	10"	
	1912	31,800	25,440	63,600	12"	
TWO PLY	2901	6,200	4,960	12,400	1"	
	2902	12,400	9,920	24,800	2"	
	2903	17,600	14,080	35,200	3"	
	2904	22,000	17,600	44,000	4"	
	2906	33,000	26,400	66,000	6"	
	2908	42,300	33,840	84,600	8"	
	2910	52,900	42,320	105,800	10"	
	2912	63,500	50,800	127,000	12"	
THREE PLY	3901	9,600	7,680	19,200	1"	
	3902	17,700	14,160	35,400	2"	
	3903	25,600	20,480	51,200	3"	
	3904	34,600	27,680	69,200	4"	
	3906	48,900	39,120	97,800	6"	
	3908	61,400	49,120	122,800	8"	
	3910	72,000	57,600	144,000	10"	
	3912	80,600	64,480	161,200	12"	
FOUR PLY	4901	11,000	8,800	22,000	1"	
	4902	22,000	17,600	44,000	2"	
	4903	32,900	26,320	65,800	3"	
	4904	40,800	32,640	81,600	4"	
	4906	61,200	48,960	122,400	6"	
	4908	81,900	65,520	163,800	8"	
	4910	96,000	76,800	192,000	10"	
	4912	107,000	85,600	214,000	12"	

Consider using Roundslings in applications requiring 3-Ply or 4-Ply slings, wider than 6"



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.

## REVERSE EYE & FLAT EYE WEB SLING



### REVERSED EYE

- Body and Eyes are covered with Bulk Nylon
- Easy to use in Choker or Basket Hitches
- Bearing point of the eyes are 90° to the sling body
- Available in 2", 3", 4" & 6" widths
- 2" wide slings available in 1-Ply & 2-Ply
- 4" & Wider Available in 1-Ply thru 4-Ply

### FLAT EYE

- Body and Eyes are covered with Bulk Nylon
- Easy to use in Vertical, Choker or Basket Hitches
- The Eyes lay flat and are in the same plane as the sling
- Available in 2", 3", 4" & 6" widths
- 2" wide slings available in 1-Ply & 2-Ply
- 4" & Wider Available in 1-Ply thru 4-Ply

	RATED CAPACITY IN POUNDS						
	Type 6 (RE) Type 7 (FE)	Vertical	Choker	Basket Hitch @ 90°	Sling Width	Eye Length	Eye Width
ONE PLY	1902	3,200	2,560	6,400	2"	9"	1"
	1903	4,600	3,680	9,200	3"	12"	1.5"
	1904	6,200	4,960	12,400	4"	12"	2"
	1906	9,400	7,520	18,800	6"	15"	3"
TWO PLY	2902	6,200	4,960	12,400	2"	12"	1"
	2903	9,200	7,360	18,400	3"	15"	1.5"
	2904	12,400	9,920	24,800	4"	15"	2"
	2906	17,600	14,080	35,200	6"	18"	3"

Sling Thickness	Tolerance
1 PLY	+/- 1.5" + 1.5% of Sling Length
2 PLY	+/- 2" + 2% of Sling Length
3 & 4 PLY	+/- 3" + 3% of Sling Length

\* For web sling widths wider than 6", add 1/2" to these values. For tighter tolerance or matched set lengths, consult the manufacturer.

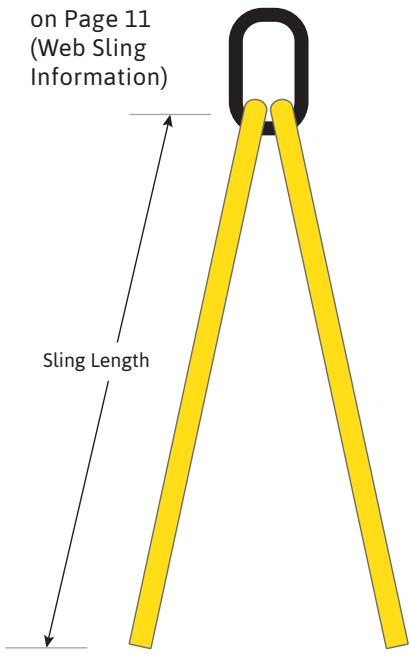
**Matched Set Length Tolerance** – When multiple legs of a bridle sling are made, or when multiple slings are prescribed to be made within a Matched Set Tolerance, their length variance from their nominal length shall remain within a dimension equal to one-half of their corresponding Standard Length Tolerance Values listed.

**Measurement Method** – Web sling length is measured with the sling laid flat while being manually pulled taut.



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.

\*See Tolerance information on Page 11 (Web Sling Information)



## BRIDLE WEB SLING

				RATED CAPACITY (LBS.)					
Part # for Legs	Web Width	Web Plies	# of Legs	VERT	60°	45°	30°	Alloy Sling Hook	Oblong Link
EE1901	1"	1	SINGLE	1600	-	-	-	1.5T Sling Saver	1/2"
	1"	1	DOUBLE	-	2700	2200	1600	1.5T Sling Saver	1/2"
	1"	1	TRIPLE	-	4100	3300	2400	1.5T Sling Saver	3/4"
	1"	1	QUAD	-	5500	4500	3200	1.5T Sling Saver	1"
EE2901	1"	2	SINGLE	3100	-	-	-	1.5T Sling Saver	1/2"
	1"	2	DOUBLE	-	5300	4300	3100	1.5T Sling Saver	3/4"
	1"	2	TRIPLE	-	8000	6500	4600	1.5T Sling Saver	3/4"
	1"	2	QUAD	-	10700	8700	6200	1.5T Sling Saver	1"
EE1902	2"	1	SINGLE	3100	-	-	-	1.5T Sling Saver	1/2"
	2"	1	DOUBLE	-	5300	4300	3100	1.5T Sling Saver	3/4"
	2"	1	TRIPLE	-	8000	6500	4600	1.5T Sling Saver	3/4"
	2"	1	QUAD	-	10700	8700	6200	1.5T Sling Saver	1"
EE2902	2"	2	SINGLE	6200	-	-	-	3T	3/4"
	2"	2	DOUBLE	-	10700	8700	6200	3T	1"
	2"	2	TRIPLE	-	16100	13100	9300	3T	1"
	2"	2	QUAD	-	21400	17500	12400	3T	1-1/4"

**Matched Set Length Tolerance** – When multiple legs of a bridle sling are made, or when multiple slings are prescribed to be made within a Matched Set Tolerance, their length variance from their nominal length shall remain within a dimension equal to one-half of their corresponding Standard Length Tolerance Values listed.

**Measurement Method** – Web sling length is measured with the sling laid flat while being manually pulled taut.

## BRIDLE WEB SLING ORDERING GUIDE

NUMBER OF LEGS	TOP ATTACHMENT	BOTTOM ATTACHMENT	LEG TYPE
S SINGLE	O OBLONG/MASTER LINK	O OBLONG/MASTER LINK	EE EYE & EYE
D DOUBLE	A SUB ASSEMBLY	S SLING HOOK*	
T TRIPLE	S SLING HOOK*	H SHACKLE*	
Q QUAD	H SHACKLE*	*Note Type of Hook or Type of Shackle in Description	

\*Note Type of Hook or Type of Shackle in Description

Leave Blank if Standard Legs Required

EXAMPLE PREFIXES:	DESCRIPTION
SOO	Single leg oblong each end
SOE	Single leg oblong one end, sewn eye other end
SOS	Single leg oblong one end, sling hook other end
SSS	Single leg sling hook each end
DOE	Double leg oblong @ top & sewn eyes at bottom
DOS	Double leg oblong @ top & sling hooks in bottom eyes
TOE	Triple leg oblong @ top & sewn eyes at bottom
TOS	Triple leg oblong @ top & sling hooks in bottom eyes
QOE	Quadruple leg oblong @ top & sewn eyes at bottom
QOS	Quadruple leg oblong @ top & sling hooks in bottom eyes

### EXAMPLE:

A 2-Leg, Single Ply, 1" Wide Polyester Web Bridle x 10' long (Bearing to Bearing) with an Oblong Link in the Top Eyes & Sling Hooks in the Bottom Eyes

Prefix	Leg(s)	Length	Material
DOS	EE1901	10	P

Part # to Order:  
DOSEE1901X10P



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.

# WEB SLINGS

## WIDE BODY BASKET SLING

	RATED CAPACITY IN POUNDS				
	Type 8 (WBB) Part #	Basket Hitch @ 90°	Eye Length	Eye Width	Finished Sling Width
ONE PLY	WBB1906	18,800	12"	1-1/2"	6"
	WBB1908	24,800	12"	2"	8"
	WBB1910	31,200	15"	1-3/4"	10"
	WBB1912	37,200	15"	2"	12"
	WBB1916	42,400	18"	3"	16"
	WBB1920	53,000	24"	3-1/2"	20"
	WBB1924	63,600	24"	4"	24"
TWO PLY	WBB2906	35,200	15"	1-1/2"	6"
	WBB2908	44,000	15"	2"	8"
	WBB2910	54,800	18"	2-1/2"	10"
	WBB2912	66,600	18"	3"	12"
	WBB2916	84,000	24"	4"	16"
	WBB2920	105,800	24"	5"	20"
	WBB2924	127,000	30"	6"	24"

3-Ply & 4-Ply Available Upon Request



### Features & Benefits:

- Basket Hitch Only
- Provides better balance for large fragile loads or highly finished surfaces
- Stiffeners at base of eye to prevent webbing from folding
- Eyes are tapered for easier fit in hoist or crane hooks
- Non-abrasive webbing reduces marring on painted and plated surfaces
- Komodo Cover Available

**Measurement Method** – Web sling length is measured with the sling laid flat while being manually pulled taut.

Sling Thickness	Tolerance
1 PLY	+/- 1.5" + 1.5% of Sling Length
2 PLY	+/- 2" + 2% of Sling Length

## LOAD BALANCER BASKET SLING

	RATED CAPACITY IN POUNDS				
	Type 9 (LBB) Part #	Basket Hitch @ 90°	Eye Length	Eye Width	Finished Sling Width
ONE PLY	LBB1906	3,000	10"	1"	6"
	LBB1908	3,000	10"	1"	8"
	LBB1910	3,000	12"	1"	10"
	LBB1912	3,000	12"	1"	12"
	LBB1916	5,000	12"	2"	16"
	LBB1920	5,000	18"	2"	20"
	LBB1924	5,000	18"	2"	24"
TWO PLY	LBB2906	6,000	10"	1"	6"
	LBB2908	6,000	10"	1"	8"
	LBB2910	6,000	12"	1"	10"
	LBB2912	6,000	12"	1"	12"
	LBB2916	10,000	12"	2"	16"
	LBB2920	10,000	18"	2"	20"
	LBB2924	10,000	18"	2"	24"



### Features & Benefits:

- Basket Hitch Only
- Lower rated capacity than Wide Body Slings
- Provides better balance for lighter, fragile loads or highly finished surfaces
- Stiffeners at base of eye to prevent webbing from folding
- Eyes are manufactured for easier fit in smaller hoist hooks
- Non-abrasive webbing reduces marring on painted and plated surfaces
- Komodo Cover Available

**Measurement Method** – Web sling length is measured with the sling laid flat while being manually pulled taut.

Sling Thickness	Tolerance
1 PLY	+/- 1.5" + 1.5% of Sling Length
2 PLY	+/- 2" + 2% of Sling Length



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.

## STONE HANDLING SLING

These slings are made with untreated, white nylon webbing. The webbing also features a soft, abrasion resistant fabric woven on one side. Stone Handling Slings are designed for handling concrete panels, polished granite and marble blocks.

Part #	Ply	Vertical (lbs.)	Choker (lbs.)	Basket (lbs.)
EESH104N	1	5,400	4,100	10,800
ENSH104N	1	10,800	8,600	21,600
EESH204N*	2	9,400	7,100	18,800
ENSH204N*	2	10,800	8,600	21,600

\*2-Ply Sling offers Abrasion Resistance on both sides.

## HOSE HANDLING SLING

Designed to be used in a Choker Hitch and to prevent any crushing or kinking of the hose, these slings distribute the load over the width of the sling. Hose Handling Slings are made using 9800 lbs. polyester webbing, unless a different material is specified.

Part #	Hose Dia.	Sling Length	Choker Capacity (lbs.)
AHH1904P	4"	3'6"	2,600
AHH1906P	6"	4'6"	5,100
AHH1908P	8"	6'	5,800
AHH1910P	10"	9'	7,700
AHH1912P	12"	11'	7,700

- **TACO SLING**
- **DIRT/TRASH SLING**
- **GAS BOTTLE HANDLER**
- **DRUM HANDLING SLING**



Call our Sales Team for additional Specialty Item Requests



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.

# PIPELINE SLINGS

## HEAD IRONS



- Used to suspend lowering-in belts
- Painted, Alloy steel bail w/  
Stainless Steel Data Plate
- Lowering-in Belt not included

Part #	Head Iron Hooks	Fits Lowering-In Belt #	Lifting Eye Size		Approx. Weight
			in.	width x length	
ASHI-2	2	ASLB-2-12	4.75"	6.25"	45
ASHI-4	3	ASLB-3-18	4.75"	6.25"	78
ASHI-5	4	ASLB-4-24	4.75"	6.25"	110
ASHI-06	5	ASLB-5-30	4.75"	6.25"	147
ASHI-07	6	ASLB-6-36	6.5"	9"	180
ASHI-08	7	ASLB-7-42	6.5"	9"	215
ASHI-09	8	ASLB-8-48	6.5"	9"	230
ASHI-11	9	ASLB-9-54	6.5"	9"	275

\* 5 to 1 design factor standard

Designed to meet or exceed: ASME B30.20 Below-the-Hook Lifting Devices  
AWS D 14.1 Welding Procedures

## LOWERIN-IN BELTS



\*Head Iron not included as pictured

Part #	# of Eyes	# of Slings	Max Pipe Dia.	Belt Width in.	Belt Length in.	Approx. Weight Lbs	Rated Capacity Lbs
ASLB-2-12	2	1	12"	12"	4'-9"	32	48,000
ASLB-3-18	3	3	18"	18"	7'-0"	52	73,000
ASLB-4-24	4	4	20"	24"	8'-6"	81	97,000
ASLB-5-30	5	5	24"	30"	10'-0"	90	122,000
ASLB-6-36	6	6	30"	36"	11'-6"	120	146,000
ASLB-7-42	7	7	36"	42"	13'-6"	135	171,000
ASLB-8-48	8	8	42"	48"	15'-0"	170	195,000
ASLB-9-54	9	9	48"	54"	17'-0"	225	228,000

\* 5 to 1 design factor standard

Designed to meet or exceed: ASME B30.9 Slings  
AWS D 14.1 Welding Procedures

- Made with Heavy Duty Webbing (coating available upon request)
- Durable Private Labeled Tagging
- Painted, Alloy steel end irons
- Lowering-in belt and head iron sold separately



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.



## WEB RECOVERY STRAP

### Features & Benefits:

- Non-abrasive nylon webbing reduces marring on painted and plated surfaces
- Soft, Pliable, Lightweight and Easy to handle
- No hooks or metal parts
- Special Material options available upon request
- Komodo Cover or Additional Sleeves Available

Part #	End Fittings	Width	Length	Breaking Strength* (lbs.)
AWRN1902	Lined Eyes	2"	20'	16000
AWRN2902	Lined Eyes	2"	20'	32000
AWRN1904	Lined Eyes	4"	20'	32000
AWRN2904	Lined Eyes	4"	20'	58000

\*Breaking strength when new.



#### Safe Operating Practices:

Inspect before each use. Do not exceed rated capacity. Avoid dragging strap on ground. Do not attach to bumpers. Do not tie knots in sling. Avoid temperatures in excess of 200°. Always protect straps from being cut by corners and edges. Stand clear of strap and vehicles when under load.



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees. \*The breaking strengths shown are based on new recovery straps under ideal test conditions using WSTDA recommended pin diameters at each end of the recovery strap. Smaller pin diameters, corners or edges exposed to the recovery strap, and shock loading (jerking of the recovery strap under load) can greatly reduce the breaking strength ratings. Check with the manufacturer for your specific application.

## BIG EASY EYE/EYE RECOVERY STRAP



### Features & Benefits:

- Sling made with heavy duty double wall nylon cover
- 2' Buffer Sleeve included on body of sling for additional bearing point protection when used in basket hitch
- Non-abrasive nylon cover reduces marring on painted and plated surfaces
- Soft, Pliable, Lightweight and Easy to handle
- No hooks or metal parts

Part #	Outer Cover Color	Eye Length	Sling Length	Breaking Strength* (lbs.)
EEBRNC90	GRAY	2'	20'	42000
EEBRNC120	GRAY	2'	20'	52500
EEBRNC150	GRAY	2'	20'	66000
EEBRNC240	GRAY	2'	20'	106000
EEBRNC360	GRAY	2'	20'	155000

\*Breaking strength when new.



#### Safe Operating Practices:

Inspect before each use. Do not exceed rated capacity. Avoid dragging strap on ground. Do not attach to bumpers. Do not tie knots in sling. Avoid temperatures in excess of 200°. Always protect straps from being cut by corners and edges. Stand clear of strap and vehicles when under load.



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees. \*The breaking strengths shown are based on new recovery straps under ideal test conditions using WSTDA recommended pin diameters at each end of the recovery strap. Smaller pin diameters, corners or edges exposed to the recovery strap, and shock loading (jerking of the recovery strap under load) can greatly reduce the breaking strength ratings. Check with the manufacturer for your specific application.

## WEAR PROTECTION

AS&R can provide both Cut Protection and Wear Protection products.

There are many Protection Options available and there is an assortment of factors that could impact the performance of the protection chosen. It's important that a qualified person chooses the proper material to sufficiently protect the sling from edges or surfaces.

### MATERIAL TYPES:

#### ABN

Bulked Nylon



#### AWB-N /

#### AWB-P

Nylon or

Polyester

Webbing



#### GG

Gator Grip

(Flat Sleeve or

Sewn Only)



#### AFT516

5/16" Felt Pad



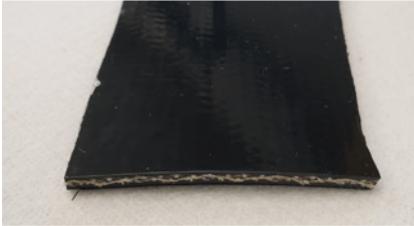
#### ALT

Heavy Leather



#### APVC

PVC



### Wear Protection Features & Benefits:

- Helps to extend the life of a sling by reducing abrasive wear
- Prevents damage to the load surface
- Several Material options available
- Can be easily attached by using hook & loop
- Available in many lengths and widths

### WEAR PAD TYPES:

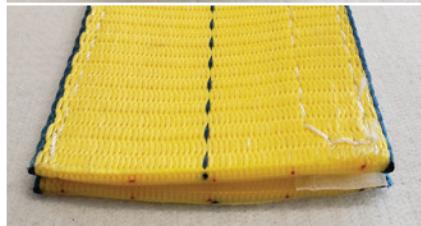
#### HLTS

Hook & Loop  
Tubular Sleeve



#### HLFS

Hook & Loop  
Flat Sleeve



#### TS

Tubular  
Sleeve



#### FS

Sewn Flat  
Sleeve



#### KC

Komodo Cover  
(Sewn on)



## CUT PROTECTION

## Cut Protection Features &amp; Benefits:

- Provides greater resistance to sling cutting
- Prevents damage to the load surface
- Reduces bearing pressure amounts at contact areas
- Several Material options available
- Available in many lengths and widths

## MATERIAL TYPES:

## ACGH

Caiman Guard  
Heavy Duty  
5.7mm HMPE



## WEAR PAD TYPES:

**HLTS**  
Hook & Loop  
Tubular Sleeve



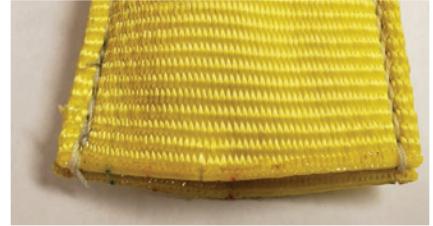
**HLFS**  
Hook & Loop  
Flat Sleeve



**TS**  
Tubular  
Sleeve



**FS**  
Sewn Flat  
Sleeve



**KC**  
Komodo Cover  
(Sewn on)



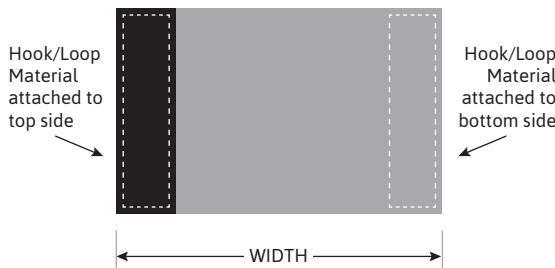
**ACP**  
Corner  
Protector



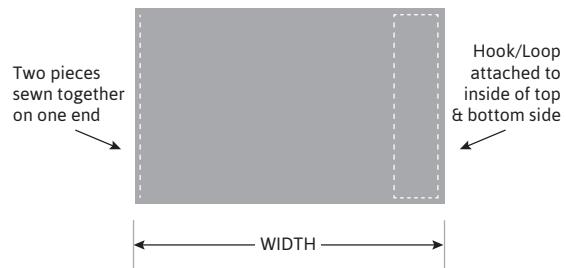
# SLING PROTECTION

## PROTECTION

### HOOK & LOOP TUBULAR SLEEVE



### HOOK & LOOP FLAT SLEEVE



### HOOK & LOOP TUBULAR SLEEVE DIMENSIONAL INFORMATION

Bulked Nylon Part #	Webbing Part #	Felt 5/16" .3125 thickness Part #	Sleeve Width (in.) Part #	Big Easy Roundsling		Big Easy Braided Roundsling		Big Easy High Performance Roundsling		Wire Rope Diameter (in.)	Chain Size (Inches)
				Single Leg	Double Leg (EE)	6-Part	8-Part	Single Leg	Double Leg (EE)		
ABN-HLTS-4	AWB-HLTS-4		4							1/4	
ABN-HLTS-5	AWB-HLTS-5		5							5/16 - 1/2	
ABN-HLTS-6	AWB-HLTS-6		6	30 - 60				BHP10		9/16 - 7/8	7/32
ABN-HLTS-8	AWB-HLTS-8		8	90 - 120 - 150	30 - 60			BHP20 - BHP30		1 - 1-1/2	9/32 - 3/8
ABN-HLTS-10	AWB-HLTS-10	AFT516-HLTS-10	10	180 - 240	90 - 120	30 - 60	30	BHP40 - BHP50	BHP10	1-3/4 - 2	1/2 - 5/8
ABN-HLTS-12	AWB-HLTS-12	AFT516-HLTS-12	12	360 - 400	150 - 180	90	60	BHP60 - BHP80	BHP20 - BHP30	2-1/2	3/4
ABN-HLTS-14	AWB-HLTS-14	AFT516-HLTS-14	14	600 - 800	240		90	BHP90 - BHP125	BHP40 - BHP50		7/8 - 1
ABN-HLTS-16	AWB-HLTS-16	AFT516-HLTS-16	16	1000	360 - 400	120 - 150	120	BHP150 - BHP175	BHP60 - BHP80		1-1/4
ABN-HLTS-18	AWB-HLTS-18	AFT516-HLTS-18	18		600	180 - 240	150 - 180	BHP200	BHP90 - BHP100		
ABN-HLTS-20	AWB-HLTS-20	AFT516-HLTS-20	20		800				BHP125		
ABN-HLTS-22	AWB-HLTS-22	AFT516-HLTS-22	22		1000	360	240		BHP150 - BHP175		
ABN-HLTS-24	AWB-HLTS-24	AFT516-HLTS-24	24						BHP200		
ABN-HLTS-26	AWB-HLTS-26	AFT516-HLTS-26	26				600	360			
ABN-HLTS-30	AWB-HLTS-30	AFT516-HLTS-30	30				800	600			
ABN-HLTS-34	AWB-HLTS-34	AFT516-HLTS-34	34				1000	800			

### HOOK & LOOP FLAT SLEEVE DIMENSIONAL INFORMATION

Bulked Nylon Part #	Webbing Part #	Felt 5/16" .3125 thickness Part #	Sleeve Width (in.) Part #	Web Sling Width* (1-Ply & 2-Ply) Part #	Big Easy Roundsling		Big Easy Braided Roundsling		Big Easy High Performance Roundsling		Wire Rope Diameter (in.)	Chain Size (Inches)
					Single Leg	Double Leg (EE)	6-Part	8-Part	Single Leg	Double Leg (EE)		
ABN-HLFS-3	AWB-HLFS-3	AFT516-HLFS-3	3	1					BHP10		1/4 - 7/16	
ABN-HLFS-4	AWB-HLFS-4	AFT516-HLFS-4	4	2	30 - 60	30 - 60			BHP20		1/2 - 3/4	7/32 - 9/32
ABN-HLFS-5	AWB-HLFS-5	AFT516-HLFS-5	5	3	90 - 120 - 150	60			BHP30	BHP10	7/8 - 1-1/8	3/8
ABN-HLFS-6	AWB-HLFS-6	AFT516-HLFS-6	6	4	180 - 240	90 - 120	30		BHP40 - BHP80	BHP20	1-1/4 - 1-1/2	1/2
ABN-HLFS-8	AWB-HLFS-8	AFT516-HLFS-8	8	6	360 - 400	150 - 240	60	30	BHP90 - BHP125	BHP30	1-3/4 - 2-1/4	5/8
ABN-HLFS-10	AWB-HLFS-10	AFT516-HLFS-10	10	8	600 - 800	360	90 - 120	60 - 90	BHP150 - BHP175	BHP40 - BHP80	2-1/2	3/4 - 7/8
ABN-HLFS-12	AWB-HLFS-12	AFT516-HLFS-12	12	10	1000	600	150 - 180	120 - 150	BHP200	BHP90 - BHP125		1

\* 3-Ply & 4-Ply sling: Use one size larger sleeve

\*\* Width of sleeve may vary some based on the material used. This chart is used for approximate measurement.

### SEWN FLAT SLEEVE DIMENSIONAL INFORMATION

Bulked Nylon Part #	Webbing Part #	Felt 5/16" .3125 thick- ness Part #	Sleeve Width (in.) Part #	Web Sling Width* (1-Ply & 2-Ply) Part #	Big Easy Roundsling		Big Easy Braided Roundsling		Big Easy High Performance Roundsling		Wire Rope Diameter (in.)	Chain Size (Inches)
					Single Leg	Double Leg (EE)	6-Part	8-Part	Single Leg	Double Leg (EE)		
ABN-FS-3	AWB-FS-3	AFT516-FS-3	3	1	30 - 60						1/4 - 3/4	7/32
ABN-FS-4	AWB-FS-4	AFT516-FS-4	4	2	90 - 120 - 150	30 - 60			BHP10		7/8 - 1-1/8	9/32 - 3/8
ABN-FS-5	AWB-FS-5	AFT516-FS-5	5	3	180 - 240	90 - 120	30		BHP20 - BHP30		1-1/4 - 1-1/2	1/2
ABN-FS-6	AWB-FS-6	AFT516-FS-6	6	4	360 - 400	150 - 180	60	30	BHP40 - BHP80	BHP10	1-3/4	5/8
ABN-FS-8	AWB-FS-8	AFT516-FS-8	8	6	600 - 800	240 - 360	90 - 120	60	BHP90 - BHP100	BHP20 - BHP40	2 - 2-1/2	3/4 - 7/8
ABN-FS-10	AWB-FS-10	AFT516-FS-10	10	8	1000	600	150 - 180	90 - 150	BHP125 - BHP175	BHP50 - BHP80		1
ABN-FS-12	AWB-FS-12	AFT516-FS-12	12	10		800 - 1000	240	180	BHP200	BHP90 - BHP125		1-1/4

\*For 3-Ply & 4-Ply sling: Use one size larger sleeve

\*\*Width of sleeve may vary some based on the material used. This chart is used for approximate measurement.

## WEB LOAD HUGGER - ASSEMBLIES (WLH)



## Features &amp; Benefits:

- Soft, Pliable and non-abrasive polyester webbing
- Lighter and easier to handle than chain load binders
- More durable and stronger than elastic tension bands
- 1", 2", 3" & 4" widths available
- Standard Lengths in Stock. Special Material options available upon request
  - » Custom lengths available and fabricated upon request
- Corner Protectors and sleeves also available

WEB LOAD HUGGER - ASSEMBLIES					
Part #	Width (in.)	Overall Length (ft.)**	Fixed End Length (in.)	End Fittings	Rated Capacity (lbs.)*
WLH1X20VSH	1"	20'	18"	Vinyl Coated S-Hook	800
WLH1X20WH	1"	20'	18"	Wire Hooks	800
WLH2X27WH	2"	27'	18"	Wire Hooks	3,333
WLH2X30WH	2"	30'	18"	Wire Hooks	3,333
WLH2X27FH	2"	27'	18"	Flat Hooks	3,333
WLH2X30FH	2"	30'	18"	Flat Hooks	3,333
WLH2X27CA	2"	27'	18"	Chain Anchor	3,333
WLH2X30CA	2"	30'	18"	Chain Anchor	3,333
WLH3X27WH	3"	27'	18"	Wire Hooks	5,400
WLH3X30WH	3"	30'	18"	Wire Hooks	5,400
WLH3X27FH	3"	27'	18"	Flat Hooks	5,000
WLH3X30FH	3"	30'	18"	Flat Hooks	5,000
WLH3X27CA	3"	27'	18"	Chain Anchor	5,000
WLH3X30CA	3"	30'	18"	Chain Anchor	5,000
WLH4X27WH	4"	27'	18"	Wire Hooks	6,666
WLH4X30WH	4"	30'	18"	Wire Hooks	6,666
WLH4X27FH	4"	27'	18"	Flat Hooks	5,400
WLH4X30FH	4"	30'	18"	Flat Hooks	5,400
WLH4X27CA	4"	27'	18"	Chain Anchor	5,400
WLH4X30CA	4"	30'	18"	Chain Anchor	5,400

\*Rated Capacity based on 3:1 Design Factor

\*\*Standard Lengths provided in chart. Custom lengths available upon request

WEB LOAD HUGGER - ENDLESS		
Part #	Width (in.)	Rated Capacity (lbs.)
WLH1X_EN	1"	800
WLH2X_EN	2"	3,333
WLH3X_EN	3"	5,000
WLH4X_EN	4"	5,400

\*PROVIDE TOTAL WEB LENGTH AFTER "X" WHEN ORDERING

## TIE DOWN STRAPS (TDS) & END FITTING OPTIONS

### Features & Benefits:

- Soft, Pliable and non-abrasive polyester webbing
- 1", 2", 3" & 4" widths available
- Standard Lengths in Stock. Special Material options available upon request
  - » Custom lengths available and fabricated upon request
- Corner Protectors and sleeves also available

TIE DOWN STRAP				
Part #	Width (in.)	Length (ft.)	End Fittings	Rated Capacity (lbs.)*
TDS1X20SH	1"	20'	Vinyl Coated S-Hook	800
TDS1X20WH	1"	20'	Wire Hooks	800
TDS2X27WH	2"	27'	Wire Hooks	3,333
TDS2X30WH	2"	30'	Wire Hooks	3,333
TDS2X27FH	2"	27'	Flat Hooks	3,333
TDS2X30FH	2"	30'	Flat Hooks	3,333
TDS3X27CA	2"	27'	Chain Anchor	3,333
TDS2X30CA	2"	30'	Chain Anchor	3,333
TDS3X27WH	3"	27'	Wire Hooks	5,400
TDS3X30WH	3"	30'	Wire Hooks	5,400
TDS3X27FH	3"	27'	Flat Hooks	5,000
TDS3X30FH	3"	30'	Flat Hooks	5,000
TDS3X27CA	3"	27'	Chain Anchor	5,000
TDS3X30CA	3"	30'	Chain Anchor	5,000
TDS4X27WH	4"	27'	Wire Hooks	6,666
TDS4X30WH	4"	30'	Wire Hooks	6,666
TDS4X27FH	4"	27'	Flat Hooks	5,400
TDS4X30FH	4"	30'	Flat Hooks	5,400
TDS4X27CA	4"	27'	Chain Anchor	5,400
TDS4X30CA	4"	30'	Chain Anchor	5,400

END FITTINGS					
Part #	End Fittings	Webbing Width (in.)	Rated Capacity (lbs.)	Webbing Width (in.)	Rated Capacity (lbs.)
SH	Vinyl Coated S-Hook	1"	800		
WH	Wire Hook	1"	800	3"	5,400
FH	Flat Hook	1"	800	3"	5,000
SK	Snap Hook	1"	800	3"	5,000
TSK	Twisted Snap Hook	1"	800	3"	5,000
DR	D-Ring	1"	800	3"	5,000
ET	E-Track	1"	800	3"	5,000
EN	Endless	1"	800	3"	5,000
CA	Chain Anchor	1"	800	3"	5,000
WH	Wire Hook	2"	3,333	4"	6,666
FH	Flat Hook	2"	3,333	4"	5,400
SK	Snap Hook	2"	3,333	4"	5,400
TSK	Twisted Snap Hook	2"	3,333	4"	5,400
DR	D-Ring	2"	3,333	4"	5,400
ET	E-Track	2"	3,333	4"	5,400
EN	Endless	2"	3,333	4"	5,400
CA	Chain Anchor	2"	3,333	4"	5,400



## WEB CARGO NET

Web Cargo Nets are considerably more flexible, light-weight and compact than wire or rope nets.

**Features & Benefits:**

- Made of durable 1-3/4" nylon webbing with an anti-static finish.
- Nets have a 6.25" mesh opening
- Nets are rated at 4,500 lbs. and based on a 5:1 design factor. Commercial nets are available with either 5/8" galvanized pear shaped links or 1" poly propylene rope beackets (as seen above) in each corner.

Custom Net Sizes and Material Options are available upon request.



Size	1" Polypropylene Rope Becket Corners	5/8" Galvanized Pear Shaped Link Corners	Mesh Opening	Weight (lbs.)	Rated Capacity (lbs.)
4x4	NWCNR4	NWCNL4	6.25"	11	4500
6x6	NWCNR6	NWCNL6	6.25"	17	4500
8x8	NWCNR8	NWCNL8	6.25"	22	4500
10x10	NWCNR10	NWCNL10	6.25"	30	4500
12x12	NWCNR12	NWCNL12	6.25"	40	4500
14x14	NWCNR14	NWCNL14	6.25"	48	4500
16x16	NWCNR16	NWCNL16	6.25"	57	4500
18x18	NWCNR18	NWCNL18	6.25"	73	4500
20x20	NWCNR20	NWCNL20	6.25"	87	4500

## MARINE BOAT SLING

	RATED CAPACITY IN POUNDS		
	Part #	Basket Hitch @ 90°	Width
ONE PLY	BLS1902	6,400	2"
	BLS1903	7,200	3"
	BLS1904	12,800	4"
	BLS1906	19,200	6"
	BLS1908	25,600	8"
	BLS1910	32,000	10"
	BLS1912	38,400	12"
TWO PLY	BLS2902	12,800	2"
	BLS2903	17,800	3"
	BLS2904	23,000	4"
	BLS2906	32,600	6"
	BLS2908	41,000	8"
	BLS2910	48,000	10"
	BLS2912	60,000	12"



Boat Lifting or Marine Lifting Slings are designed to help you conveniently lift any boat. Choose from Single or Double Ply slings with Widths up to 12". Lift up to 53 tons when pairing slings and rigging in a Basket Hitch.

### Features & Benefits:

- Webbing widths from 2" to 12"
- Rated Capacities from 6,400 lbs. to 53,700 lbs.
- Rig additional pairs or individual slings to increase capabilities
- Custom designs are available upon request
- Non-abrasive material helps protect the boat's hull and finish
- Lightweight for ease in handling
- Excellent resistance to rot, mildew, oil and seawater.
  - » Fibers do not support bacterial or fungal growth, or is adversely affected by water immersion

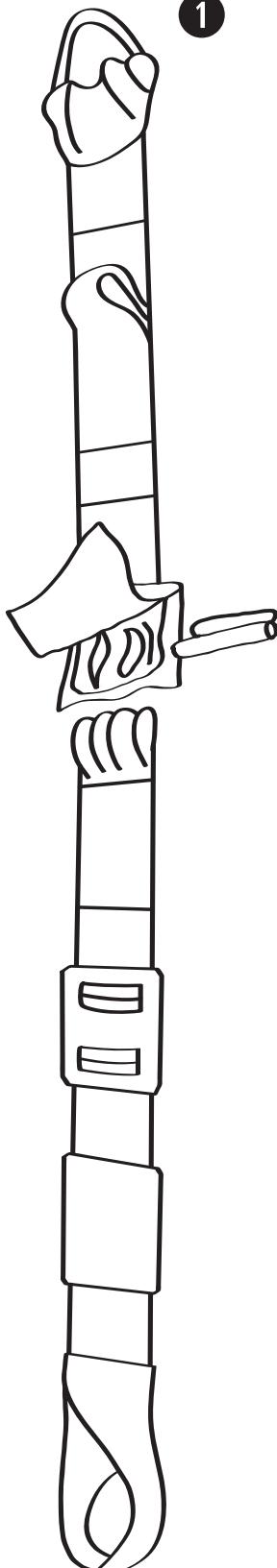
### Fittings & Accessories

- Reusable Alloy Steel Triangle
- Loose Pin Hardware
- Lead Weights
- Sliding Chine and Keel Pads
- Edge Guard Wear Pads
- Extra Sewn Eyes (Single Ply Capacity Only)
- Disconnect – allows the sling to be removed from beneath the boat without removing sling eye from hook. (Protective Flap Standard)



**WARNING:** Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should never be used at angles less than 30 degrees.

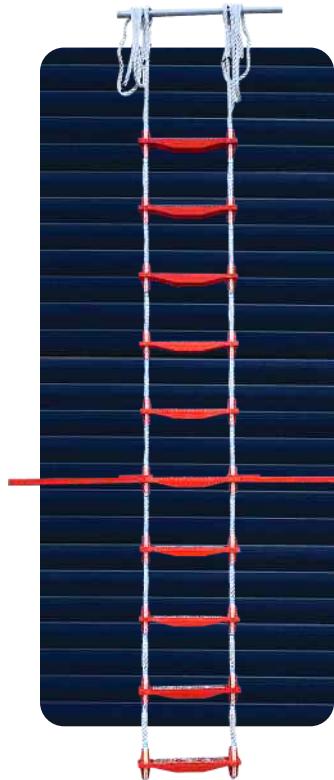
## MARINE BOAT SLING ORDERING GUIDE



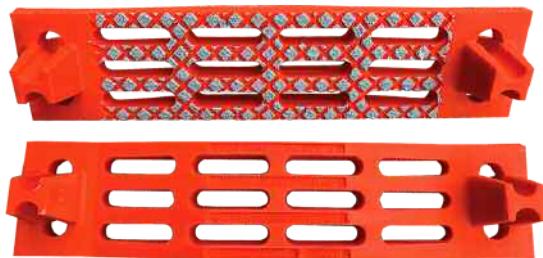
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MATERIAL	NYLON / POLYESTER	Circle One
EDGE GUARD	YES / NO	Circle One
# OF PLIES	(2-ply Standard)	
SLING WIDTH (in.)	_____	
EYE WIDTH (in.)	_____	
EYE TYPE	FLAT EYE / TAPERED	Circle One
IF TAPERED, NOTE WIDTH _____		
A OVERALL SLING LENGTH _____ Bearing to Bearing		
2-PIECE QUICK DISCONNECT:	YES / NO	Circle One
IF 2-PIECE, INCLUDE DISCONNECT PIN YES / NO Circle One		
B LONG LENGTH (ft.) _____ Bearing to Bearing		
# OF FINGERS _____		
C SHORT LENGTH (ft.) _____ Bearing to Bearing		
# OF FINGERS _____		
PIN YES / NO Circle One		
D WEIGHTED KEEL PAD YES / NO Circle One		
SLIDING	ft.	
SEWN-ON	ft.	
Starting	ft.	from 1 or 2
E EXTRA EYES YES / NO Circle One		
EYE 1 - PLACEMENT	ft.	Measured from 1 or 2 (Bearing to Bearing)
EYE 2 - PLACEMENT	ft.	Measured from 1 or 2 (Bearing to Bearing)
EYE 3 - PLACEMENT	ft.	Measured from 1 or 2 (Bearing to Bearing)
F CHINE PAD YES / NO Circle One		
SLIDING	ft.	
SEWN-ON	ft.	
Starting	ft.	from 1 or 2
G LOOSE PIN SHACKLE QUANTITY YES / NO Circle One		
_____		

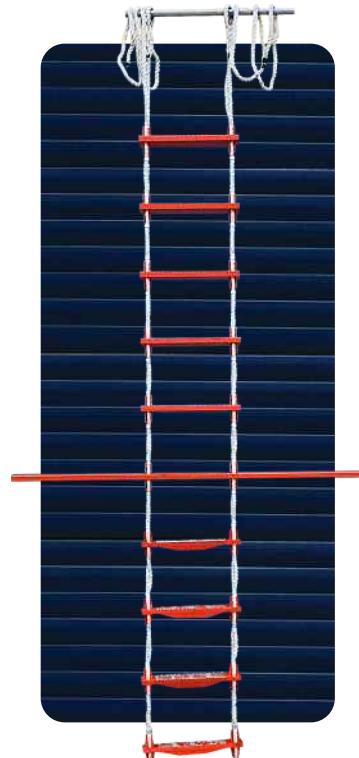
## YANNI I PILOT LADDER



- **USCG Approval Number:** 163.003/20/0
- **Meets and exceeds Solas standards**
- **Rope:** 3/4" Synflex Poly-Plus, with orange core.
- **Clamps:** Aluminum
- **Steps and spreaders:** Molded polyurethane, orange in color, with diamond shaped grooves and non-skid grit surface. Four integrated plastic hearts per step to prevent steps from rolling.
- **Length:** Up to 70' in length, made to order.
- **Replacement steps available if needed.**



## YANNI II PILOT LADDER



- **USCG Approval Number:** 163.003/21/0
- **Meets and exceeds Solas standards**
- **Rope:** 3/4" Synflex Poly-Plus, with orange core.
- **Clamps:** Aluminum
- **Steps and spreaders:** Oak wood, diamond shaped grooves, non-skid grit surface and painted international orange. Bottom four steps are molded polyurethane with diamond shaped grooves and non-skid grit surface.
- **Length:** Up to 70' in length, made to order.
- **Replacement steps available if needed.**



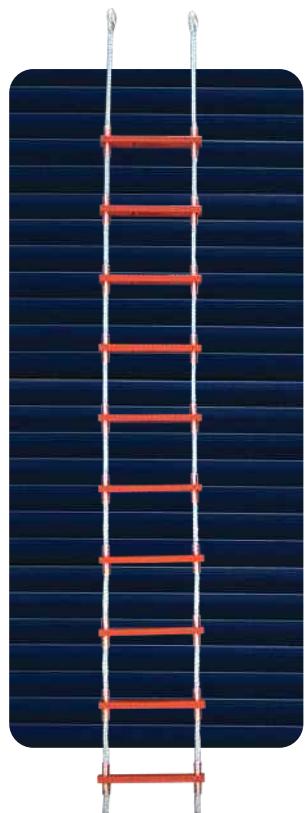
## YANNI I EMBARKATION LADDER

- **USCG Approval Number:** 160.117/9/0
- **Meets and exceeds Solas standards**
- **Rope:** 3/4" Synflex Poly-Plus, with orange core.
- **Clamps:** Aluminum
- **Steps and spreaders:** Molded polyurethane, orange in color, with diamond shaped grooves and non-skid grit surface. Four integrated plastic hearts per step to prevent steps from rolling.
- **Length:** Up to 70' in length, made to order.
- **Replacement steps available if needed.**



## YANNI II EMBARKATION LADDER

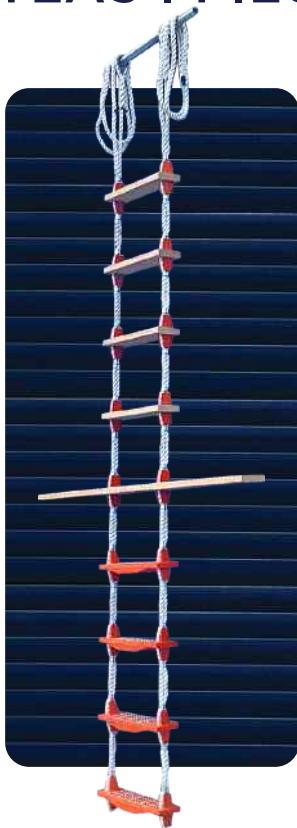
- **USCG Approval Number:** 160.117/8/0
- **Meets and exceeds Solas standards**
- **Rope:** 3/4" Synflex Poly-Plus, with orange core.
- **Clamps:** Aluminum
- **Steps:** Oak wood, diamond shaped grooves, non-skid grit surface and painted International Orange.
- **Length:** Up to 70' in length, made to order.
- **Replacement steps available if needed.**



# LADDERS

## ATLAS I PILOT LADDER

ABS PDA #20-2009573-1-PDA  
ISO 799-1

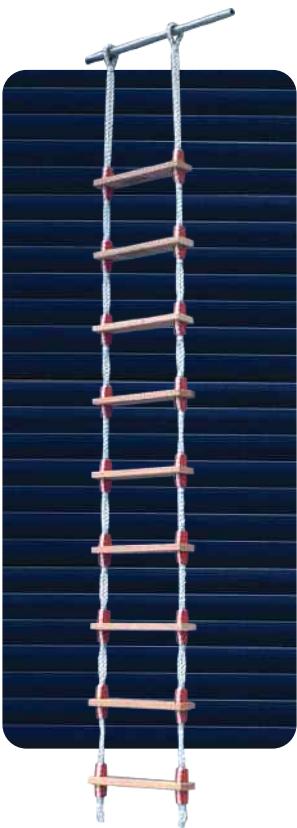


- Rope suspension members 3/4" poly plus, white with orange core.
- Steps and spreaders are oak wood, unfinished, with diamond groove pattern. Four polycarbonate hearts per step and spreader to prevent steps from rolling. Bottom four steps are orange polyurethane.
- Aluminum duplex sleeves swaged to secure steps in place.
- Galv. rope thimble for securing ladder to structure. 3/4" galv. bolt type anchor shackle available. Optional 1" x 10' poly plus rope to secure ladder and adjust height when installed.



## ATLAS II PILOT LADDER

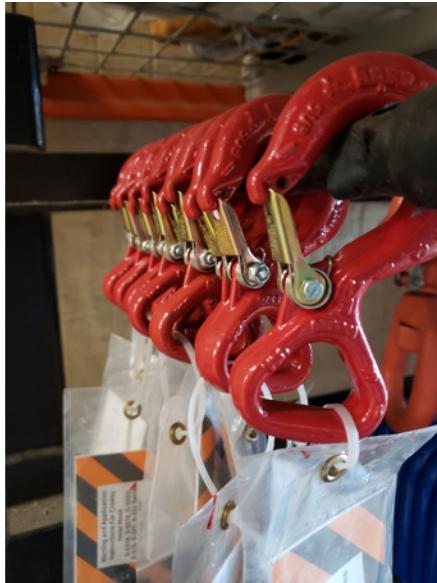
ABS PDA #20-2011124-PDA  
ISO 5489



- Rope suspension members 3/4" poly plus, White with orange core.
- Steps are oak wood, unfinished, with diamond groove pattern. Four polycarbonate hearts per step to prevent steps from rolling.
- Aluminum duplex sleeves swaged to secure steps in place.
- Galv. rope thimble for securing ladder to structure. 3/4" galv. bolt type anchor shackle available. Optional 1" x 10' poly plus rope to secure ladder and adjust height when installed.



**WIRE ROPE • WIRE ROPE SLINGS • CHAIN  
CHAIN SLINGS • SHACKLES • HOOKS • HOISTS  
TESTING/PROOF LOADING: CHANT TEST BED WITH 600K LBS. CAPACITY**



Domestic & Import Available

## NOTES





## WARRANTY

Any warranty, expressed or implied as to quality, performance or fitness for use is always premised on the condition that the published rated capacities apply only to new, unused slings and assemblies, that the mechanical equipment on which such products are used is properly designed and maintained, that such products are properly stored, handled, used and maintained, and properly inspected on a regular basis during the period of use.

Seller shall not be liable under any circumstances for consequential or incidental damages or secondary charges including but not limited to personal injury, labor costs, a loss of profits resulting from the use of said products or from said products being incorporated in or becoming a component of any other product.