

A large concrete pipe is being lifted by a crane. The pipe is suspended by two yellow webbing slings that are attached to a metal hook. The background is a clear blue sky. The pipe is positioned horizontally, and the slings are angled upwards towards the crane. The crane's arm and hook are visible at the top of the frame. The pipe has a rough, textured surface and a large circular opening at the left end. The slings are bright yellow and appear to be made of a heavy-duty material. The crane is a white lattice boom crane. The background shows a brick building with windows at the bottom of the frame.

SpanSet®

**PowerPlus® and
PowerLift® Webslings**

Engineered for Your
Most Demanding Lifts

Web Slings from SpanSet. Certified quality and safety.

As an industry leader, SpanSet has over 30 years of experience in researching and manufacturing heavy-duty lifting slings. All of our products are subjected to rigorous standards of quality control at every stage of manufacturing and testing. In fact, SpanSet is an ANSI/ASQ Q9001:2000 and ISO 9001:2008 registered company. SpanSet PowerPlus® and PowerLift® Web Slings meet the requirements of OSHA and are manufactured in accordance with ASME B30.9 and WSTDA industry standards.

Our commitment to safety and superior product design has allowed us to become the preferred supplier in a wide variety of commercial and military applications. We believe customer satisfaction

is the key to our success. And our dedication not only to our products but to top-notch service, dependable technical support and competitive pricing, has kept our customers coming back.

SpanSet is continuously researching and developing processes to make our slings (and all of our products) perform even better. So, for your most demanding lifts, trust the certified quality and safety of SpanSet.



Combined with secutex® protective coating, SpanSet's Web Slings make simple work of lifting sharp edged wire coils (left) and heavy gears (right).



SpanSet's Web Slings allow even the heaviest loads to be lifted safely and efficiently. The precious cargo in this case is an 18-ton replica of an 18th century pirate ship.

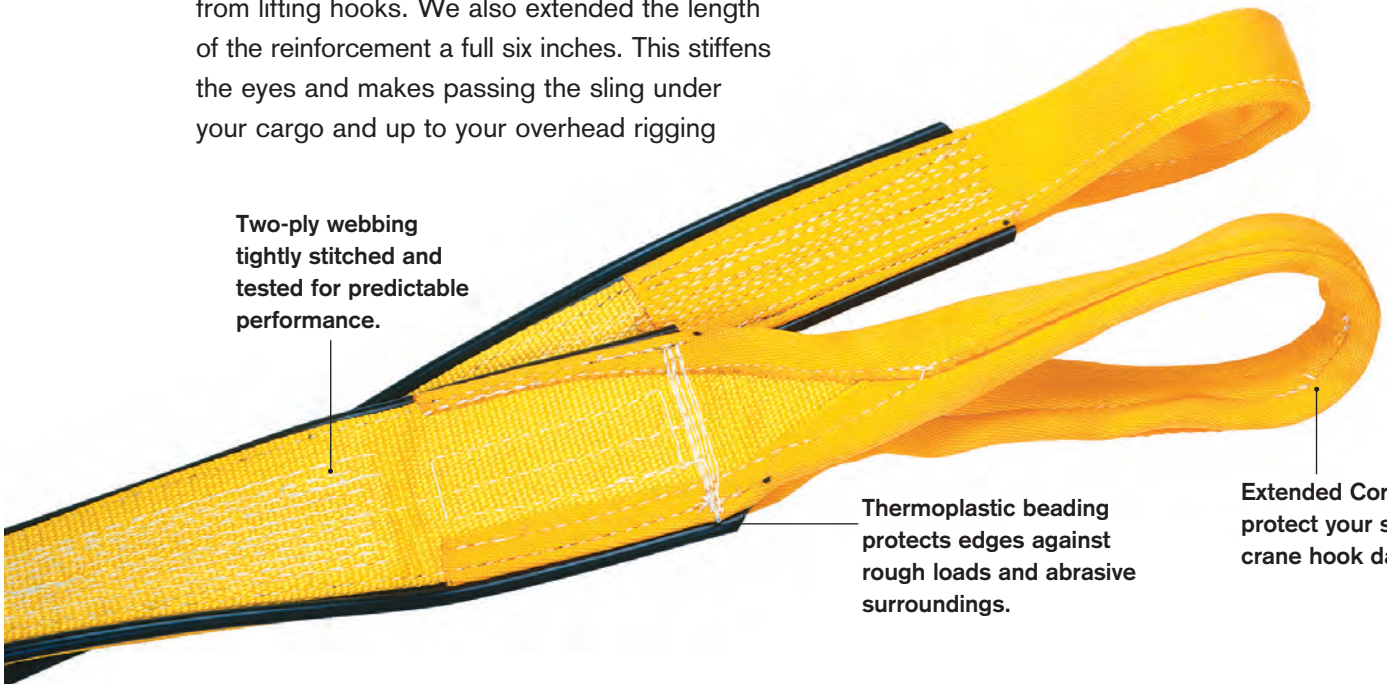
PowerPlus® High Tech Series reduces risk.

The PowerPlus nylon Web Sling brings the height of today's lifting technology to the job. This sling is another European engineering success, introduced to the United States by SpanSet.

With thermoplastic beading, your sling's edges are protected against cuts and tears when lifting abrasive loads in the harshest environments. Cordura™ reinforced eyes prevent damage from lifting hooks. We also extended the length of the reinforcement a full six inches. This stiffens the eyes and makes passing the sling under your cargo and up to your overhead rigging

faster and safer. An optional abrasive resistant chemical coating is also available by contacting SpanSet.

With the strength of premium SpanSet webbing, made and tested in our own factory, PowerPlus Web Slings will help tackle even the roughest lifting jobs with confidence. Rely on SpanSet quality to get the job done safely and reduce risk.



Two-ply webbing tightly stitched and tested for predictable performance.

Thermoplastic beading protects edges against rough loads and abrasive surroundings.

Extended Cordura™ eyes protect your sling from crane hook damage.

PowerPlus™ Web slings (two-ply)

Product	Width	Rated Capacity (lbs.)*		
		Vertical	Choker	Vertical Basket
EE2902	2"	6,400	5,120	12,800
EE2903	3"	9,300	7,440	18,600
EE2904	4"	11,500	9,200	23,000
EE2906	6"	16,500	13,200	33,000
EE2908	8"	22,700	18,160	45,400
EE2910	10"	28,400	22,720	56,800
EE2912	12"	34,100	27,280	68,200

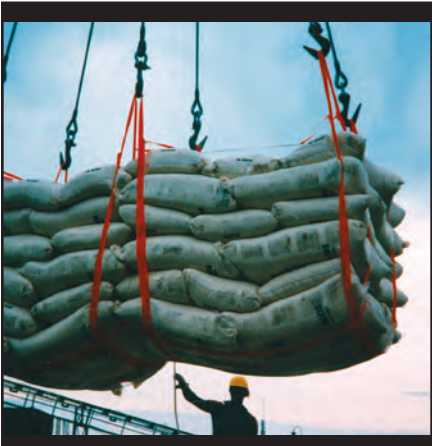
► **NOTE:** For treated polyester web slings add "P" to part number.

WARNING
Failure to comply with this warning may result in personal injury or death.

*Do not exceed rated capacities. Ratings must be reduced when slings are used at angles of less than 90° from horizontal. See Sling Angle Chart on page 7.

PowerLift® Medium Capacity Class 5 – Orange – Nylon and Polyester

► NOTE: For treated polyester web slings add "P" to part number.



PowerLift® Type I (TC) Triangle and Choker Type II (TT) Triangle and Triangle

	Type I Product	Type II Product	Width	Rated Capacity (lbs.)*		
				Vertical	Choker	Vertical Basket
One Ply	TC1502	TT1502	2"	2,200	1,760	4,400
	TC1503	TT1503	3"	3,300	2,640	6,600
	TC1504	TT1504	4"	4,400	3,520	8,800
Two Ply	TC2502	TT2502	2"	4,400	3,520	8,800
	TC2503	TT2503	3"	6,600	5,280	13,200
	TC2504	TT2504	4"	8,200	6,560	16,400

PowerLift® Type III (EE) Flat Eye and Eye Type IV (EE) Twisted Eye

	Type III Product	Type IV Product	Width	Rated Capacity (lbs.)*		
				Vertical	Choker	Vertical Basket
One Ply	EE1501	EE1501T	1"	1,100	880	2,200
	EE1502	EE1502T	2"	2,200	1,760	4,400
	EE1503	EE1503T	3"	3,300	2,640	6,600
	EE1504	EE1504T	4"	4,400	3,520	8,800
Two Ply	EE2501	EE2501T	1"	2,200	1,760	4,400
	EE2502	EE2502T	2"	4,400	3,520	8,800
	EE2503	EE2503T	3"	6,600	5,280	13,200
	EE2504	EE2504T	4"	8,200	6,560	16,400

PowerLift® Type V (EN) Endless

	Product	Width	Rated Capacity (lbs.)*		
			Vertical	Choker	Vertical Basket
One Ply	EN1501	1"	2,200	1,760	4,400
	EN1502	2"	4,400	3,520	8,800
	EN1503	3"	6,600	5,280	13,200
	EN1504	4"	8,800	7,040	17,600
Two Ply	EN2501	1"	4,400	3,520	8,800
	EN2502	2"	8,800	7,040	17,600
	EN2503	3"	13,200	10,560	26,400
	EN2504	4"	16,400	13,120	32,800

WARNING
Failure to comply with this warning may result in personal injury or death.

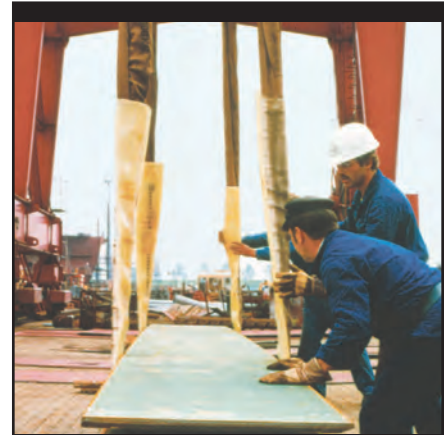
*Do not exceed rated capacities. Ratings must be reduced when slings are used at angles of less than 90° from horizontal. See Sling Angle Chart on page 7.

PowerLift® High Capacity Class 7 – Yellow – Nylon and Polyester

PowerLift® Type I (TC) Triangle and Choker Type II (TT) Triangle and Triangle

	Type I Product	Type II Product	Rated Capacity (lbs.)*			
			Width	Vertical	Choker	Vertical Basket
One Ply	TC1702	TT1702	2"	3,200	2,560	6,400
	TC1703	TT1703	3"	4,700	3,760	9,400
	TC1704	TT1704	4"	6,400	5,120	12,800
	TC1706	TT1706	6"	9,300	7,440	18,600
	TC1708	TT1708	8"	11,800	9,440	23,600
	TC1710	TT1710	10"	14,700	11,760	29,400
	TC1712	TT1712	12"	17,600	14,080	35,200
Two Ply	TC2702	TT2702	2"	6,400	5,120	12,800
	TC2703	TT2703	3"	8,800	7,040	17,600
	TC2704	TT2704	4"	11,500	9,200	23,000
	TC2706	TT2706	6"	16,500	13,200	33,000
	TC2708	TT2708	8"	22,700	18,160	45,400
	TC2710	TT2710	10"	28,400	22,720	56,800
	TC2712	TT2712	12"	34,100	27,280	68,200

▶ **NOTE:** For treated polyester web slings add "P" to part number.



PowerLift® Type III (EE) Flat Eye and Eye Type IV (EE) Twisted Eye

	Type III Product	Type IV Product	Rated Capacity (lbs.)*			
			Width	Vertical	Choker	Vertical Basket
One Ply	EE1701	EE1701T	1"	1,600	1,280	3,200
	EE1702	EE1702T	2"	3,200	2,560	6,400
	EE1703	EE1703T	3"	4,700	3,760	9,400
	EE1704	EE1704T	4"	6,400	5,120	12,800
	EE1706	EE1706T	6"	9,300	7,440	18,600
	EE1708	EE1708T	8"	11,800	9,440	23,600
	EE1710	EE1710T	10"	14,700	11,760	29,400
	EE1712	EE1712T	12"	17,600	14,080	35,200
Two Ply	EE2701	EE2701T	1"	3,100	2,480	6,200
	EE2702	EE2702T	2"	6,400	5,120	12,800
	EE2703	EE2703T	3"	9,300	7,440	18,600
	EE2704	EE2704T	4"	11,500	9,200	23,000
	EE2706	EE2706T	6"	16,500	13,200	33,000
	EE2708	EE2708T	8"	22,700	18,160	45,400
	EE2710	EE2710T	10"	28,400	22,720	56,800
	EE2712	EE2712T	12"	34,100	27,280	68,200
Four Ply	EE4701	EE4701T	1"	5,500	4,400	11,000
	EE4702	EE4702T	2"	11,000	8,800	22,000
	EE4703	EE4703T	3"	16,400	13,120	32,800
	EE4704	EE4704T	4"	20,400	16,320	40,800
	EE4706	EE4706T	6"	30,600	24,480	61,200

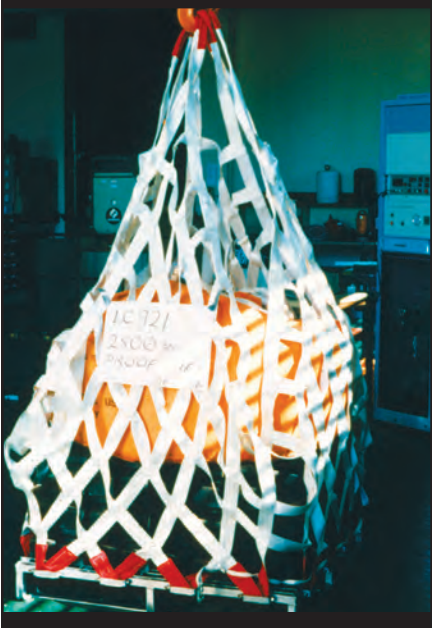
▶ **NOTE:** See our secutex® catalog for protective sleeves.



*Do not exceed rated capacities. Ratings must be reduced when slings are used at angles of less than 90° from horizontal. See Sling Angle Chart on page 7.

PowerLift® High Capacity Class 7 – Yellow – Nylon and Polyester

► NOTE: For treated polyester web slings add "P" to part number.



► NOTE: See our secutex® catalog for protective sleeves.

PowerLift® Type V (EN) Endless					
	Product	Width	Rated Capacity (lbs.)*		
			Vertical	Choker	Vertical Basket
One Ply	EN1701	1"	3,200	2,560	6,400
	EN1702	2"	6,200	5,000	12,400
	EN1703	3"	9,400	7,520	18,800
	EN1704	4"	12,400	9,920	24,800
	EN1706	6"	18,600	14,880	37,200
	EN1708	8"	21,200	16,960	42,400
	EN1710	10"	26,500	21,200	53,000
	EN1712	12"	31,800	25,440	63,600
Two Ply	EN2701	1"	6,200	4,960	12,400
	EN2702	2"	12,400	9,920	24,800
	EN2703	3"	17,600	14,080	35,200
	EN2704	4"	22,000	17,600	44,000
	EN2706	6"	33,000	26,400	66,000
	EN2708	8"	42,300	33,840	84,600
	EN2710	10"	52,900	42,320	105,800
	EN2712	12"	63,500	50,800	127,000
Four Ply	EN4701	1"	11,000	8,800	22,000
	EN4702	2"	22,000	17,600	44,000
	EN4703	3"	32,900	26,320	65,800
	EN4704	4"	40,800	32,640	81,600
	EN4706	6"	61,200	48,960	122,400

PowerLift® Type VI (RE) Reverse Eye					
	Product	Width	Rated Capacity (lbs.)*		
			Vertical	Choker	Vertical Basket
One Ply	RE1702	2"	3,200	2,560	6,400
	RE1704	4"	6,400	5,120	12,800
	RE1706	6"	9,300	7,440	18,600
Two Ply	RE2702	2"	6,400	5,120	12,800
	RE2704	4"	11,500	9,200	23,000
	RE2706	6"	16,500	13,200	33,000

PowerLift® Type VII (WL) Continuous Eye/Wide Lift					
	Product	Width	Rated Capacity (lbs.)*		
			Vertical	Choker	Vertical Basket
One Ply	WL1716	16"	—	—	38,000
	WL1720	20"	—	—	45,000
	WL1724	24"	—	—	52,000
Two Ply	WL2716	16"	—	—	61,500
	WL2720	20"	—	—	63,000
	WL2724	24"	—	—	70,000

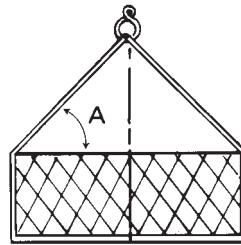
WARNING
Failure to comply with this warning may result in personal injury or death.

*Do not exceed rated capacities. Ratings must be reduced when slings are used at angles of less than 90° from horizontal. See Sling Angle Chart on page 7.

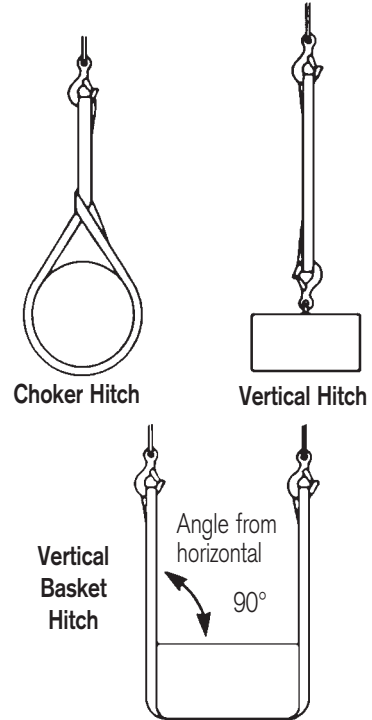
WARNING

The capacity of a sling to lift weight **DECREASES** as the angle of the sling moves away from being vertical. If the angle of the sling is not taken into consideration before selecting a sling to lift a load, **SERIOUS INJURY OR DEATH COULD RESULT** from the load being dropped.

Sling Angle Chart	
Angle from Horizontal	Capacity Reduction Factor
90°	1.000
85°	0.996
80°	0.985
75°	0.966
70°	0.940
65°	0.906
60°	0.866
55°	0.819
50°	0.766
45°	0.707
40°	0.643
35°	0.574
30°	0.500



Sling Angle Chart
Reduction in lifting capacity when lifting with basket hitch due to sling angle. Sling capacity decreases as angle increases.



Inspection Criteria:

Remove synthetic Web Slings from service when:

- Capacity tag is missing or illegible
- Red core warning yarns are visible
- Sling shows signs of melting, charring, or chemical damage
- End fittings are excessively pitted, corroded, distorted, cracked or broken
- Cuts on the face or edge of webbing are visible
- Holes, tears, snags or crushed webbing are visible
- Broken or worn threads in the stitch patterns
- Any other visible damage which causes doubt in its strength

Exposed red core yarns warn of dangerous sling damage. All Nylon and polyester Web Slings shown in this catalog have this warning feature. When red yarns are visible, the sling should be removed from service immediately. The red core yarns become exposed when the sling surface is cut or worn through the woven face yarns. This feature is only a partial aid for sling inspection. All other sling inspection procedures should be followed.

Environmental Considerations:

- Nylon and polyester are seriously degraded at temperatures above 194°F.
- Prolonged exposure to ultraviolet light adversely affects nylon and polyester. Slings become bleached and stiff when exposed to sunlight or arc welding.
- Many chemicals have an adverse effect on nylons and polyester. (See chemical chart at left.)

Chemical Resistance Chart		
Chemical	Polyester	Nylon
Acid	*	NO
Alcohols	OK	OK
Aldehydes	NO	OK
Strong Alkalis	**	OK
Bleaching Agents	OK	NO
Dry Cleaning Solvents	OK	OK
Ethers	NO	OK
Halogenated Hydrocarbons	OK	OK
Hydrocarbons	OK	OK
Ketones	OK	OK
Oils, Crude	OK	OK
Oils, Lubricating	OK	OK
Soap and Detergents	OK	OK
Water and Seawater	OK	OK
Weak Alkalis	OK	OK

THIS IS A GENERAL GUIDELINE ONLY
* Disintegrated by concentrated sulphuric acid.
** Degraded by strong alkalis at elevated temperatures

Contact SpanSet for further information on Inspection, Care and Use of Synthetic Web Slings.

Warranty

SpanSet, Inc. agrees (at its option) to repair, replace or credit the cost of any product which it has manufactured and which is found to be defective in materials or workmanship provided that written notice of such defect is received by SpanSet, Inc. within 90 days from the date of shipment. SpanSet will accept return of its products only upon its prior written authorization after receiving such notice. No authorization or allowance for repairs or alterations of any product will be given by SpanSet except by its written acknowledgment. Items not manufactured by SpanSet, Inc. will carry their manufacturer's warranties and none other.

The foregoing is in lieu of all warranties, expressed or implied, and all other obligations or liabilities on the part of SpanSet, including the warranties of merchantability and fitness. In no event shall SpanSet, Inc. be liable for consequential or special damages or for transportation, installation, adjustment or other expenses which may arise in connection with such products.



3125 Industrial Drive
Sanford, North Carolina 27332
PO Box 2828
919-774-6316
Fax: 919-774-7589
National Toll Free Wats Line: 800-334-7505
ssales@spanset-usa.com
www.spanset-usa.com