

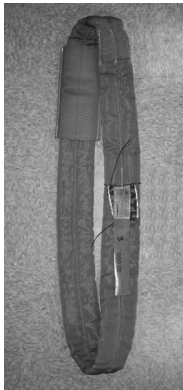


# Twin-Path® Slings

**F**or many years Slingmax® Inc. has worked hand in hand with riggers to create tools that would increase productivity and safety. Problem solving through the creation of innovative products is an ongoing function at Slingmax® Inc. By reading through the following list of product developments it is hoped a rigger may find something that will help make their work easier and safer while lowering the overall cost to the employer.

## TWIN-PATH® EXTRA SLINGS WITH COVERMAX® AND K-SPEC® CORE YARN

US Patent #4,850,629 #5,651,572  
CN #1,280,458

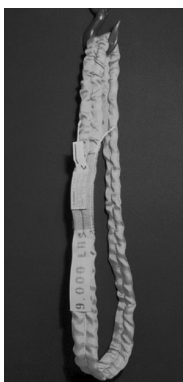


**TPXC** This is our best synthetic sling. It is made with K-Spec® high performance fibers, and it has a bulked nylon outer cover (Covermax®) that is very abrasion resistant. These are made in sizes up to 300,000 lbs. vertical rated capacity. Extra Heavy Duty Covermax is used on 100,000 lb. vertical capacity and higher. All of these slings have overload tell-tails, inner red cover, and are used worldwide in place of chain and wire rope slings for heavy lifts. Also, they are repairable. Like all Twin-Path® slings, they can be equipped with fiber optics for inspection.

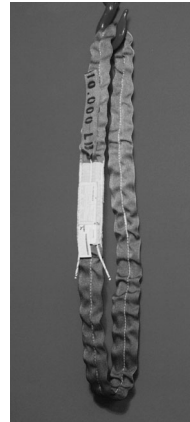
The Twin-Path® patented design provides the rigger with redundant protection in the event that one path is cut. These slings have 1% stretch at rated capacity and are made in matched lengths. If your head room is critical then these are the slings for the job. These slings conform to ASME B30.9 Chapter six and US Navy NAVFAC P-307 Section 14. The Twin-Path® design was developed by Slingmax with the help of a team of professional riggers. The safety and inspection features found only in Twin-Path® products were created to overcome shortfalls riggers found in single path roundslings.

## TWIN-PATH® EXTRA SLINGS WITH K-SPEC®

US Patent #4,850,629 CN #1,280,458



**TPX** These slings are the same as the slings above, but they have polyester outer covers which are less abrasion resistant than the Covermax®. These products are complete with overload tell-tails, red inner cover, orange outer polyester cover and are repairable. If you are interested in safety, ergonomics, increased productivity, saving money, then these are the products. These slings have 1% stretch at rated capacity and are made in matching lengths.



## TWIN-PATH® POLYESTER SLINGS WITH COVERMAX®

US Patent #4,850,629 CN #1,280,458

**TPC** slings are made in capacities up to 60,000 lbs. vertical. They have the abrasion resistant Covermax® cover with a polyester inner cover over polyester fiber cores. They come with overload tell-tails and are repairable. Like all Twin-Path® slings, they can be fitted with fiber optics for inspection. They are repairable and stretch up to 3% at rated capacity.



## TWIN-PATH® POLYESTER SLING

US Patent #4,850,629 CN #1,280,458

**TP** slings are the same as the TPC slings except that their outer covers are polyester which is less abrasion resistant than Covermax®.



## TWIN-PATH® TWO LEG BRIDLES

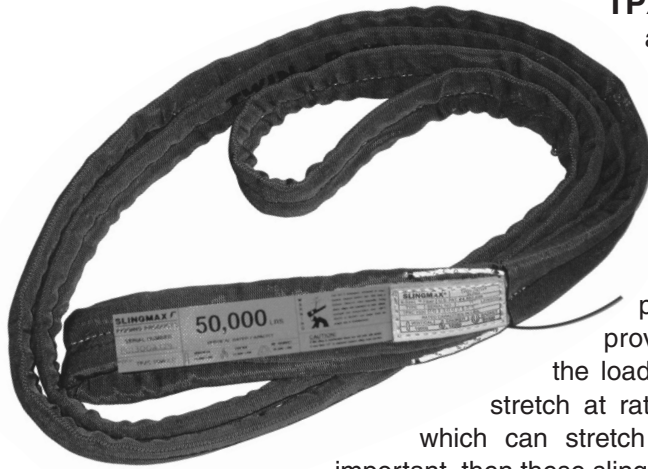
US Patent #5,727,833 & #4,850,629

**TL** Simply the lightest and strongest synthetic bridles in the world today. These are perfect to replace existing chain and wire rope bridles. The Twin-Path® synthetic bridle with K-Spec® core yarn is less than half the weight of any steel assembly and is the ergonomic bridle of the future, here today. The loop at the top goes on the crane hook and there is no heavy steel ring to deal with. If you need a four leg bridle just order two Twin-Path® Two Leg bridles. Capacities to 200,000 lbs. Please specify the loop size at the top and the hardware such as hooks required on the bottom of each leg. The hooks are removable because they are attached with couplers such as G-Links™. This gives the Twin-Path® Two Leg Bridle added versatility on the job. Order by specifying model number on page 10 and length with TL code i.e. TPXCTL 2,000 x 10'. Please designate the hardware required on the bottom of the bridle such as hooks. Vertical rated capacity is 20,000 lbs., 10,000 lbs. per leg. For a horizontal angle of 60 degrees reduce capacity by 15%; 45 degrees 30%; 30 degrees 50%. Angles less than 45 degrees are not recommended, order a bridle with longer legs to increase the angle.



# Twin-Path® Extra Covermax® Slings

## TWIN-PATH® EXTRA (TPXC) SLING WITH COVERMAX® AND K-SPEC® Core Yarn








**TPXC** This is the world's first truly ergonomic sling. It has a bulked nylon outer cover for superior abrasion resistance. These are made in sizes up to 300,000 lbs. vertical rated capacity. Larger capacity slings are available on special order. Extra Heavy Duty Covermax® is standard on 100,000 lb. vertical capacity and higher. These slings have overload tell-tails, inner red cover, and are used worldwide in place of wire rope slings for heavy lifts. They are about 10% of the weight of a steel sling. These products are repairable. The Twin-Path® patented design provides the rigger with two connections between the hook and the load for redundant back-up protection. These slings have 1% stretch at rated capacity compared to braided polyester round slings which can stretch up to 9%. If ergonomics, productivity and safety are important, then these slings are the only choice. This is the lightest and strongest sling on the market today with K-Spec® the longest lasting load bearing core yarn, backed by independent testing. All slings have fiber optic internal inspection system.

### TWIN-PATH® EXTRA COVERMAX® SPECIFICATIONS

United States  
Patent #4,850,629  
#5,651,572

Canadian  
Patent #1,280,458

Twin-Path® Extra Covermax® Stock No.	Rated Capacities (Lbs.) 5-1 D/F					Approximate Weight (Lbs. per Ft.) (Bearing-Bearing)	Approximate Body Width (Inches)
	Choker	Vertical	Basket Hitches				
			0° 	60° 	45° 		
TPXC 2000	16,000	20,000	40,000	34,600	28,280	.55	3"
TPXC 2500	20,000	25,000	50,000	43,300	35,350	.65	4"
TPXC 3000	24,000	30,000	60,000	51,900	42,420	.80	4"
TPXC 4000	32,000	40,000	80,000	69,200	56,560	1.12	5"
TPXC 5000	40,000	50,000	100,000	86,500	70,700	1.50	5"
TPXC 6000	48,000	60,000	120,000	103,800	84,840	1.60	5"
TPXC 7000	56,000	70,000	140,000	121,200	98,980	1.68	6"
TPXC 8500	68,000	85,000	170,000	147,100	120,190	1.85	6"
TPXC 10000	80,000	100,000	200,000	173,100	141,400	2.20	6"
TPXC 12500	100,000	125,000	250,000	216,300	176,750	3.00	8"
TPXC 15000	120,000	150,000	300,000	252,600	212,100	3.36	8"
TPXC 17500	140,000	175,000	350,000	302,900	247,450	4.00	10"
TPXC 20000	160,000	200,000	400,000	346,100	282,800	4.37	10"
TPXC 25000	200,000	250,000	500,000	432,700	353,500	5.50	11"
TPXC 27500	220,000	275,000	550,000	475,900	388,850	6.90	11"
TPXC 30000	240,000	300,000	600,000	519,200	424,200	7.50	13"

**PLEASE NOTE:** Capacities shown include both paths and are for one complete sling. Ratings based on straight pin diameter one-half the sling width.

**DO NOT EXCEED RATED CAPACITY**

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
### WARNING

Sling can fail if damaged, misused or overloaded. Inspect before use. Damaged sling shall not be used. Use only if trained. Do not exceed rated capacity. Protect sling from being cut by load edges, corners, protrusions and abrasive surfaces. Avoid exposure to acid, alkali, sunlight and temperature over 180°F. DEATH or INJURY can occur from improper use or maintenance.



**Twin-Path® Covermax® Slings (Polyester)  
Fiber Optic Inspection (TPXC slings)**

**TWIN-PATH® POLYESTER SLINGS WITH COVERMAX® SPECIFICATIONS**

United States Patent #4,850,629	Rated Capacities (Lbs.) 5-1 D/F					Canadian Patent #1,280,458	
	Choker 	Vertical 	Basket Hitches			Approximate Weight (Lbs. per Ft.) (Bearing-Bearing)	Approximate Body Width (Inches)
Twin-Path® Extra Covermax® Stock No.		0° 	60° 	45° 			
TPC 200	1,600	2,000	4,000	3,464	2,828	.28	2"
TPC 300	2,400	3,000	6,000	5,196	4,242	.30	2"
TPC 450	3,600	4,500	9,000	7,794	6,383	.45	2"
TPC 600	4,800	6,000	12,000	10,392	8,484	.48	3"
TPC 750	6,000	7,500	15,000	12,990	10,605	.65	3"
TPC 900	7,200	9,000	18,000	15,588	12,726	.70	3"
TPC 1200	9,600	12,000	24,000	20,784	16,968	.90	4"
TPC 1400	11,200	14,000	28,000	24,248	19,798	.95	4"
TPC 1700	13,600	17,000	34,000	29,440	24,038	1.20	4"
TPC 2200	17,800	22,000	44,000	38,104	31,108	1.40	5"
TPC 2600	20,800	26,000	52,000	45,032	36,784	1.70	5"
TPC 3200	25,600	32,000	64,000	55,424	45,248	1.90	5"
TPC 5000	40,000	50,000	100,000	86,600	70,700	2.70	6"
TPC 6000	48,000	60,000	120,000	103,920	84,840	3.00	6"

**PLEASE NOTE:** Capacities shown include both paths and are for one complete sling. Ratings based on straight pin diameter one-half the sling width.

**DO NOT EXCEED RATED CAPACITY**

**DO NOT EXCEED RATED CAPACITY**

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