

# Twin-Path® Slings with Covermax® Cover, K-Spec® Core Yarn and Check-Fast® Inspection System

Twin-Path® synthetic roundslings have Check-Fast® Inspection System overload indicators, Covermax® Covers for superior abrasion resistance, and inner red covers as an aid to inspection. Twin-Path® slings are used worldwide in place of steel rigging for heavy lifts. They are approximately 10% of the weight of a steel sling and are repairable. The Twin-Path® sling design, which has two individual paths of fiber working as one sling, gives the rigger confidence. These slings have less than 1% elongation at rated capacity. If productivity, safety, and precision are important, then Twin-Path® high-performance roundslings are your best choice. Independent testing shows that K-Spec® core yarn is the longest lasting load-bearing core yarn in any sling.

NOTE: Capacities shown include both paths and are for one complete sling. Sling ratings based on commercial fittings of equal or greater capacity. Conforms to ANSI/ASME B30.9 Chapter 7, NAVFAC P-307, Cordage Institute CI1905 and WSTDA RS-1HP standards. This chart is based on a 5:1 Design Factor (DF); but any other DF can be fabricated. Higher capacity slings are available - \*\*Tri-Path design. CAPACITIES ARE IN POUNDS (LB)



TWIN-PATH® SLINGS

Twin-Path® Sling Stock No.	Vertical	Choker	Vertical Basket	Basket Hitches		Approximate Weight (Lbs. per Ft.) (Bearing - Bearing)	Nominal Body Width (Inches)	Minimum Recommended Hardware Diameter (Inches)	Minimum Bending Radius (Inches)
			90°	60°	45°				
TPXCF 1000	10,000	8,000	20,000	17,320	14,140	0.41	1.5 - 3"	0.63	0.32
TPXCF 1500	15,000	12,000	30,000	25,980	21,210	0.45	1.5 - 3"	0.75	0.38
TPXCF 2000	20,000	16,000	40,000	34,640	28,280	0.52	1.5 - 3"	0.86	0.43
TPXCF 2500	25,000	20,000	50,000	43,300	35,350	0.66	2.0 - 4"	1.00	0.50
TPXCF 3000	30,000	24,000	60,000	51,960	42,420	0.73	2.0 - 4"	1.10	0.55
TPXCF 4000	40,000	32,000	80,000	69,280	56,560	0.86	2.0 - 4"	1.40	0.70
TPXCF 5000	50,000	40,000	100,000	86,600	70,700	1.07	2.5 - 5"	1.50	0.75
TPXCF 6000	60,000	48,000	120,000	103,920	84,840	1.20	2.5 - 5"	1.50	0.75
TPXCF 7000	70,000	56,000	140,000	121,240	98,980	1.33	2.5 - 5"	1.84	0.92
TPXCF 8500	85,000	68,000	170,000	147,220	120,190	1.60	3.0 - 6"	1.84	0.92
TPXCF 10000	100,000	80,000	200,000	173,200	141,400	1.80	3.0 - 6"	2.00	1.00
TPXCF 12500	125,000	100,000	250,000	216,500	176,750	2.30	4.0 - 8"	2.50	1.25
TPXCF 15000	150,000	120,000	300,000	259,800	212,100	2.62	4.0 - 8"	2.50	1.25
TPXCF 17500	175,000	140,000	350,000	303,100	247,450	2.95	4.0 - 8"	2.80	1.40
TPXCF 20000	200,000	160,000	400,000	346,400	282,800	3.45	5.0 - 10"	3.00	1.50
TPXCF 25000	250,000	200,000	500,000	433,000	353,500	4.10	5.0 - 10"	3.30	1.65
TPXCF 27500	275,000	220,000	550,000	476,300	388,850	4.58	6.0 - 12"	3.62	1.81
TPXCF 30000	300,000	240,000	600,000	519,600	424,200	4.91	6.0 - 12"	9.50	4.75
TPXCF 40000	400,000	320,000	800,000	692,800	565,600	6.70	7.0 - 14"	9.50	4.75
TPXCF 50000	500,000	400,000	1,000,000	866,000	707,000	8.48	8.0 - 16"	11.40	5.70
TPXCF 60000	600,000	480,000	1,200,000	1,039,000	848,000	10.28	9.0 - 18"	11.40	5.70
TPXCF 70000	700,000	560,000	1,400,000	1,212,400	989,800	12.44	14.5 - 29"	14.30	7.15
**TPXCF 80000	800,000	640,000	1,600,000	1,385,600	1,131,200	13.94	14.5 - 29"	14.30	7.15

**WARNING** Sling can fail if damaged, misused, or overloaded causing severe injury or death!

- For use only by a competent and / or qualified person as defined by OSHA.
- Do not exceed rated capacity. Protect sling from being cut by load edges, corners, protrusions, and abrasive surfaces. Do not expose to damaging chemicals or temperatures. • For important safety, removal, and repair information follow OSHA, ASME B30.9 and associated Use and Care instructions. • See [www.slingmax.com](http://www.slingmax.com) for more information.

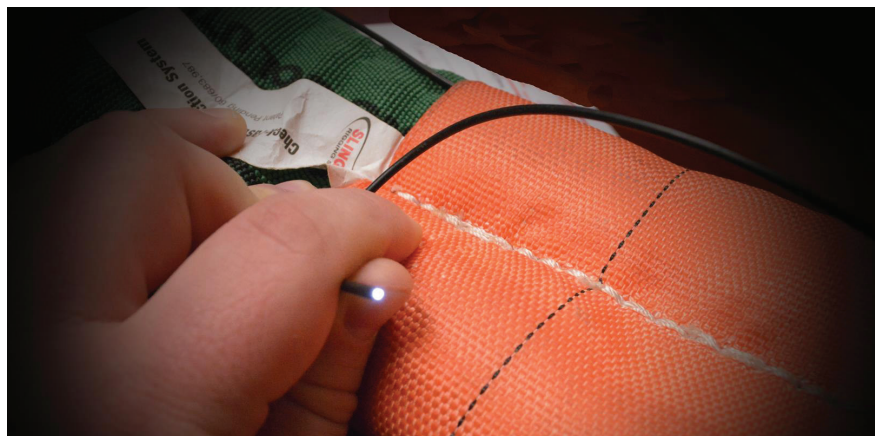
## Check-Fast® Inspection System

The Check-Fast® Inspection System is designed to improve job site safety. The Check-Fast® External Warning Indicator (EWI) provides a criteria for pass/fail inspection when the internal load-bearing core yarn may be damaged. The Check-Fast® Inspection System can also indicate ultraviolet (UV) light degradation, fiber-on-fiber abrasion, fatigue, and severe overload. If the sling is overloaded beyond its rated capacity, the EWI is designed to retract before the sling fails. The sling inspector now has an objective "GO/NO-GO" inspection device rather than relying on subjective and labor-intensive inspection techniques to guess if the load-bearing core yarns are in good condition.



## Fiber Optic Inspection

Fiber Optic Inspection is an optional add-on for Twin-Path® slings. If crushing or heat damage has occurred to the sling, the fiber optic cable will no longer have the ability to transmit light from one end to the other. This indicates to the inspector that the sling should be removed from service and returned for factory inspection. The fiber optic cable will conduct light using natural, overhead, or flashlight sources.



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