

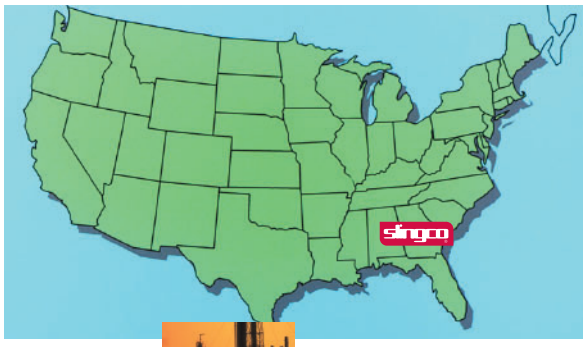
CABLEGRIPS

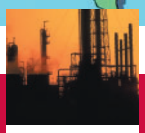
GALVANIZED · STAINLESS · ARAMID

slingco®

FOR QUICK AND EFFICIENT CABLE INSTALLATION AND SUPPORT

Our company – a supplier of utility products since the 1970s – is a quality-conscious, customer-oriented business committed to delivering the products you need, when you need them.





Welcome to Slingco – a Business Focused on Your Needs

Established in the late 1970s, we are recognized as an innovative provider of solutions to international clients in industries as diverse as mining, civil engineering, telecommunications, rail transport, marine/offshore, defense and aerospace.

We are a major supplier of wire rope and associated products, and are an ISO9001 quality assured company.

Located in Fayetteville, GA, we offer national delivery of a range of cable installation products. For those products not available off-the-shelf, our automated manufacturing facility means we can meet all but the very tightest of delivery deadlines.

Quality Assured
All products are manufactured in accordance with ISO 9001 quality standard.

Call us – Toll Free
If you have questions or technical enquiries you'd like to ask, we're waiting for your call. You can contact us Toll Free on 888 685 9478.

For more information on any of the wire rope products we offer, please contact us at the address below.

WWW.CABLEJOINTS.CO.UK
THORNE & DERRICK UK
TEL 0044 191 490 1547 FAX 0044 477 5371
TEL 0044 117 977 4647 FAX 0044 977 5582
WWW.THORNEANDDERRICK.CO.UK

CABLEGRIPS

FOR QUICK AND EFFICIENT CABLE INSTALLATION AND SUPPORT

ABOUT CABLEGRIPS

Cablegrips are a quick, efficient way to install/control electrical or heavy-duty cables. Cablegrips are re-usable (subject to inspection) and can also be used to support or pull any cylindrical object within their grip and load carrying capacity.

Slingco standard cablegrips are manufactured from high tensile galvanized or stainless steel wire rope or aramid.

A precise, hand-woven construction process, coupled with individual product inspection, ensures a high quality product for reliable, long lasting usage.

APPLICATIONS

- Overhead house service cables
- Portable tool supply cables
- Portable compressed air lines
- Conduit risers
- Moveable hydraulic hoses
- Cable strain relief
- Oil support cables
- Marine applications
- "Guy rope" adjusters
- Fiber optic cable applications

CLIENTS

- Oil rig operators
- Marine/offshore contractors
- Mining operators
- Overhead line stringing contractors
- Trench cable laying contractors
- Pipe laying contractors
- Winch and elevator manufacturers

QUALITY ASSURANCE

Slingco operates a total quality management system and is accredited to ISO 9001 quality standard.

PULLING APPLICATIONS

When the correct cablegrip is selected, cable installation through ducts, conduits and trenches is considerably easier. The cablegrip adds little to the overall diameter of the cable and "free passage" is normally available through sheave blocks and pipes. Cablegrips can often be used on a "new for old" cable replacement by applying two grips on a back-to-back basis with a solid link or swivel between grips. This method uses the old cable to pull through the new replacement.

Swivel links can be used to allow for reduced torque build-up induced by the pulling equipment and inherent lay in the cables.

Lace up cablegrips can be applied anywhere along the cable length, preventing overloading of the cable.

PRODUCT SELECTION

Slingco offers a wide selection of cablegrips to match standard applications. However, larger diameters and longer lengths can be woven to special order. Slingco can manufacture very large, custom-made orders including grips with diameters up to 20 inches and breaks exceeding 120,000lbs.

Lattice dimensions shown are as fitted to a nominal diameter of cable and prior "free length" may be slightly longer than stated.

Our range of cablegrips includes:

MU Type - Multi Weave

The triple weave construction is ideal for heavy loads; color coded for ease of identification; primarily for pulling aluminum conductor.

A Type - High Strength

Can be used for aluminum conductor or for pulling rope; color coded for ease of identification; the strongest grip we produce.

S Type - Single Eye

Ideal for pulling medium to heavy loads; typical application - 'standard pull' of single or group of cables, where additional support is unnecessary, or if used in conjunction with other cablegrips.

D Type - Double Eye

Ideal for pulling medium to heavy loads; the main advantage over the single eye cablegrip is, since the cable being pulled can be passed through the grip, several cables can be used to support over a calculated distance.

L Type - Lace Up

Ideal for pulling medium to heavy loads; the L-type is fitted to the cable being pulled by stitching it together, like a football. Mainly used where a 'typical' cablegrip can't be fitted over a connector at the end of a cable.

O Type - Open Ended

Ideal for joining two cables to form a continuous loop. Typical application: replacement of elevator cables, where the old cable would be attached to the new one, and the cable then fed round with ease.

LOAD CAPACITY

Actual break loads (lbs) are quoted, as a guide only, for cablegrips. Application load is normally calculated to be reduced by at least a factor of 5x the actual break load. Due to the wide variety of application parameters, the end-user must apply a sensible safety factor to suit the safety requirements for the conditions of use.

NOTE: If there is any doubt about application suitability or safety, please consult Slingco before using the cablegrips in question.

SUPPORT APPLICATIONS

Cablegrips used for cable support applications have the same construction as grips used in pulling applications, except the grips stay in place to reduce strain load.

They can be a single- or double-weave type according to the load to be supported and can have one or two supporting 'eyes' depending on the available anchor points and the disposition of the load.

For supporting cablegrips choose from the various types illustrated in the catalog, including lace-up types, where needed. Due to the constant load-bearing nature of a supporting application, allow for a suitable "factor of safety" on capacity and arrange for regular recorded inspection of the cablegrip's "condition of safety" throughout its active life.

MU Type - Multi Weave

The triple weave construction is ideal for heavy loads; color coded for ease of identification; primarily for pulling aluminum conductor.

SLINGCO. PART NO.	COLOR		SIZE RANGE	TYPE	LATTICE WEAVE	LATTICE LENGTH	APPROX BREAKING STRENGTH (lb)
ZCS1710	Dark green	ins	0.25-0.49"	MU1	Triple	31"	7,000
		mm	6-12			787	
ZCS1711	Brown	ins	0.50-0.74"	MU2	Triple	45"	10,500
		mm	12-19			1143	
ZCS1712	Light blue	ins	0.75-0.99"	MU3	Triple	43"	14,100
		mm	19-25			1092	
ZCS1713	Gold	ins	1.00-1.24"	MU4	Triple	65"	25,000
		mm	25-31			1651	
ZCS1714	Black	ins	1.25-1.49"	MU5	Triple	59"	31,000
		mm	31-38			1499	
ZCS1715	Red	ins	1.50-1.74"	MU6	Triple	82"	31,000
		mm	38-44			2083	
ZCS1716	Dark blue	ins	1.75-2.24"	MU7	Triple	82"	49,000
		mm	44-57			2083	
ZCS1750	Yellow	ins	2.00-2.49"	MU8	Triple	72"	49,000
		mm	50-63			1829	
ZCS1751	Orange	ins	2.50-2.99"	MU9	Triple	72"	49,000
		mm	63-76			1829	
ZCS1752	Aluminum	ins	3.00-3.49"	MU10	Triple	74"	49,000
		mm	76-89			1880	
ZCS1753	Light green	ins	3.50-3.99"	MU11	Triple	76"	49,000
		mm	89-102			1930	

A Type - High Strength

Can be used for aluminum conductor or for pulling rope; color coded for ease of identification; the strongest grip we produce.

SLINGCO. PART NO.	COLOR		SIZE RANGE	TYPE	ROPE SIZE	OVERALL LENGTH	LATTICE LENGTH	APPROX BREAKING STRENGTH (lb)
ZCS1799	Black	ins	0.19-0.38"	A1	0.25-0.65"	40"	28"	7,000
		mm	5-10		6-16	1003	718	
ZCS1800	Dark green	ins	0.39-0.63"	A2	0.50-0.90"	55"	41"	13,450
		mm	10-16		13-23	1397	1054	
ZCS1801	Red	ins	0.64-0.88"	A3	0.75-1.10"	74"	58"	20,000
		mm	16-22		19-28	1880	1473	
ZCS1802	Dark blue	ins	0.89-1.13"	A4	1.00-1.50"	87"	68"	29,000
		mm	22-29		25-38	2210	1727	
ZCS1803	Yellow	ins	1.14-1.38"	A5	1.25-1.70"	112"	90"	47,000
		mm	29-35		32-43	2845	2299	
ZCS1804	Aluminum	ins	1.39-1.92"	A6	1.48-2.08"	121"	96"	65,000
		mm	35-50		38-53	3073	2438	

Feed tubes

Due to the tight construction of the cable grip, we recommend using the Slingco Feeder Tube when inserting cable into the A Type grips.

SLINGCO PART NO.	TUBE TO FIT ROPE DIAMETER (ins)	FEED TUBE LENGTH (ins)	TO FIT SLINGCO CABLE GRIP PART NO.	CABLE GRIP COLOUR
FTU1890	0.25 - 0.65	28	ZCS1799	Black
FTU1891	0.50 - 0.90	40	ZCS1800	Dark Green
FTU1892	0.75 - 1.10	52	ZCS1801	Red
FTU1893	1.00 - 1.50	67	ZCS1802	Dark Blue
FTU1894	1.25 - 1.70	83	ZCS1803	Yellow
FTU1895	1.50 - 2.10	96	ZCS1804	Aluminum

WARNING: Slingco cablegrips must not be used as primary lifting devices!

All specifications listed in this brochure are subject to change without notice.

D Type - Double Eye

Ideal for pulling medium to heavy loads; the main advantage over the single eye cablegrip is, since the cable being pulled can be passed through the grip, several cables can be used to support over a calculated distance.

SLINGCO PART NO.		CABLE DIA	TYPE	LATTICE WEAVE	LATTICE LENGTH	OVERALL LENGTH	APPROX BREAKING STRENGTH (lb)
ZCS0305	ins	0.38-0.50″	D1	Single	9″	12″	1,680
	mm	10-13			230	305	
ZCS0306	ins	0.50-0.75″	D2	Single	14″	17″	2,240
	mm	13-19			355	430	
ZCS0307	ins	0.75-1.0″	D3	Single	16″	20″	5,600
	mm	19-25			405	510	
ZCS0308	ins	1.0-1.5″	D4	Single	18″	24″	7,840
	mm	25-38			455	610	
ZCS0309	ins	1.5-2.0″	D5	Double	21″	29″	11,200
	mm	38-50			535	735	
ZCS0310	ins	2.0-2.5″	D6	Double	24″	34″	11,200
	mm	50-63			610	865	
ZCS0311	ins	2.5-3.5″	D7	Double	27″	39″	13,440
	mm	63-89			685	990	
ZCS0312	ins	3.5-4.5″	D8	Double	27″	39″	15,680
	mm	89-115			685	990	

L Type - Lace Up

Ideal for pulling medium to heavy loads; the L-type is fitted to the cable being pulled by stitching it together, like a football. Mainly used where a 'typical' cablegrip cannot be fitted over a connector at the end of a cable.

SLINGCO PART NO.		CABLE DIA	TYPE	LATTICE WEAVE	LATTICE LENGTH	OVERALL LENGTH	APPROX BREAKING STRENGTH (lb)
ZCS1157	ins	0.38-0.50″	L1	Single	9″	12″	1,680
	mm	10-13			230	305	
ZCS0872	ins	0.50-0.75″	L2	Single	14″	17″	2,240
	mm	13-19			355	430	
ZCS0871	ins	0.75-1.0″	L3	Single	16″	20″	5,600
	mm	19-25			405	510	
ZCS0328	ins	1.0-1.5″	L4	Single	18″	24″	7,840
	mm	25-38			455	610	
ZCS0329	ins	1.5-2.0″	L5	Double	21″	29″	11,200
	mm	38-50			535	735	
ZCS0330	ins	2.0-2.5″	L6	Double	24″	34″	11,200
	mm	50-63			610	865	
ZCS0331	ins	2.5-3.5″	L7	Double	27″	39″	13,440
	mm	63-89			685	990	
ZCS0853	ins	3.5-4.5″	L8	Double	27″	39″	15,680
	mm	89-115			685	990	

O Type - Open Ended

Ideal for joining two cables to form a continuous loop. Typical application: replacement of elevator cables, where the old cable would be attached to the new one, and the cable then fed round with ease.

SLINGCO PART NO.		CABLE DIA	TYPE	LATTICE WEAVE	LATTICE LENGTH	APPROX BREAKING STRENGTH (lb)
ZCS0313	ins	0.38-0.50″	O1	Single	15″	1,680
	mm	10-13			380	
ZCS0314	ins	0.50-0.75″	O2	Single	24″	2,240
	mm	13-19			610	
ZCS0315	ins	0.75-1.0″	O3	Single	28″	5,600
	mm	19-25			710	
ZCS0316	ins	1.0-1.5″	O4	Single	32″	7,840
	mm	25-38			815	
ZCS0317	ins	1.5-2.0″	O5	Double	36″	11,200
	mm	38-50			915	
ZCS0318	ins	2.0-2.5″	O6	Double	42″	11,200
	mm	50-63			1065	
ZCS1158	ins	2.5-3.5″	O7	Double	48″	13,440
	mm	63-89			1220	
ZCS1159	ins	3.5-4.5″	O8	Double	54″	15,680
	mm	89-115			1370	

TECHNICAL INFORMATION

The Working Load (WL) of a Slingco cablegrip will depend on the Factor of Safety (FOS) applied to the Minimum Breaking Load.

For example, where the operational risk is considered to be normal, it is recommended that a FOS of 5 be applied, for high risk operations a FOS of at least 10 should be considered.

The Approximate Breaking Load stated on any certification, the recommended Factors of Safety, and any implied or stated fitness for purpose, are all only applicable when the cablegrip is as new and unused.

There are many factors that the person(s) using the Slingco Grip must take into consideration when trying to calculate a safe working load as it is impossible to guarantee a suitable safety factor when there are many variables which change from application to application.

In addition, before using any cablegrip, the user must carry out a full assessment of its suitability for the proposed application, and the level of operational risk involved, including taking account of:

- The size of the cablegrip, in relation to the size and shape of the gripped object(s).
- The stability of the object(s) when gripped.
- The grip surface of the object(s).
- The anticipated path of movement, including possible obstructions.
- The resistive force of the object being moved.
- The minimum-breaking load (MBL) of the cablegrip.
- The condition of the cablegrip.
- Suitability and compatibility of any attachments used.
- The environment / operating conditions.
- Persons at risk
- When selecting the cablegrip you require you must allow for a 20% variance in break loads and, if there is 'twist' in the cable you are pulling, a suitable swivel must be used.

If you have any questions regarding suitability for any particular application please call the distributor that supplied the cablegrip or the Technical Department at Slingco.

S Type - Single Eye

Ideal for pulling medium to heavy loads; typical application - 'standard pull' of single or group of cables, where additional support is unnecessary, or if used in conjunction with other cablegrips.

SLINGCO. PART NO.		CABLE DIA	TYPE	LATTICE WEAVE	LATTICE LENGTH	OVERALL LENGTH	APPROX BREAKING STRENGTH (lb)
ZCS0320	ins	0.38-0.50"	S1	Single	9"	12"	1,680
	mm	10-13			230	305	
ZCS0321	ins	0.50-0.75"	S2	Single	14"	17"	2,240
	mm	13-19			355	430	
ZCS0322	ins	0.75-1.0"	S3	Single	16"	20"	5,600
	mm	19-25			405	510	
ZCS0323	ins	1.0-1.5"	S4	Single	18"	24"	7,840
	mm	25-38			455	610	
ZCS0324	ins	1.50-2.0"	S5	Double	21"	29"	11,200
	mm	38-50			535	735	
ZCS0325	ins	2.0-2.5"	S6	Double	24"	34"	11,200
	mm	50-63			610	865	
ZCS0326	ins	2.5-3.5"	S7	Double	27"	39"	13,440
	mm	63-89			685	990	
ZCS0327	ins	3.5-4.5"	S8	Double	27"	39"	15,680
	mm	89-115			685	990	

NON-CONDUCTIVE CABLEGRIPS

Our non-conductive range of cablegrips offers an alternative to steel - ideal for use in harsh conditions or for live-line work in the electrical industry.

Non-conductive cablegrips offer a dramatically improved weight to break ratio, alongside the following benefits:

- Low weight
- Non-metallic
- Excellent thermal and dimensional stability
- Low elongation at break
- High tensile strength
- Corrosion resistant
- Good chemical resistance
- Heat and flame retardant

Non-Conductive Cablegrips

Ideal for use in harsh conditions or for live-line work in the electrical industry; dramatically improved weight to break ratio.

Single weave

Single eye

SLINGCO PART NO.	INCHES RANGE	MM RANGE	APPROX BREAKING STRENGTH (lb)
ZCS1040	0.38-0.75"	10-20	2,460
ZCS1022	0.75-1.25"	20-30	3,580
ZCS1041	1.25-1.5"	30-40	4,920
ZCS1042	1.5-2.0"	40-50	5,820

Double eye

SLINGCO PART NO.	INCHES RANGE	MM RANGE	APPROX BREAKING STRENGTH (lb)
ZCS1148	0.38-0.75"	10-20	2,460
ZCS1176	0.75-1.25"	20-30	3,580
ZCS1177	1.25-1.5"	30-40	4,920
ZCS1178	1.5-2.0"	40-50	5,820

Double weave

Single eye

SLINGCO PART NO.	INCHES RANGE	MM RANGE	APPROX BREAKING STRENGTH (lb)
ZCS1023	1.25-1.5"	30-40	9,860
ZCS1024	1.5-2.0"	40-50	11,880
ZCS1179	2.0-2.5"	50-65	15,900
ZCS1180	2.5-3.0"	65-80	15,900
ZCS1181	3.0-4.0"	80-100	15,900

Double eye

SLINGCO PART NO.	INCHES RANGE	MM RANGE	APPROX BREAKING STRENGTH (lb)
ZCS1182	1.25-1.5"	30-40	9,860
ZCS1183	1.5-2.0"	40-50	11,880
ZCS1184	2.0-2.5"	50-65	15,900
ZCS1185	2.5-3.0"	65-80	15,900
ZCS1186	3.0-4.0"	80-100	15,900

WARNING: Slingco cablegrips must not be used as primary lifting devices!

SUPPORT GRIPS

Single Eye Support Grip

Recommended for permanent support applications.

SLINGCO PART NO.		CABLE DIA	APPROX. BREAKING LBS	LATTICE LENGTH
ZCS1893	ins	.50″-.62″	567	9.7″
	mm	12.7-15.7		245
ZCS1894	ins	.63″-.74″	890	9.7″
	mm	16.0-18.8		245
ZCS1895	ins	.75″-.99″	1,040	13″
	mm	19.0-25.1		330
ZCS1896	ins	1.00″-1.24″	1,700	13.5″
	mm	25.4-31.5		345
ZCS1897	ins	1.25″-1.49″	1,700	15″
	mm	31.7-37.8		380
ZCS1898	ins	1.50″-1.74″	1,700	16.5″
	mm	38.1-44.2		420
ZCS1899	ins	1.75″-1.99″	2,300	20″
	mm	44.4-50.5		510
ZCS1900	ins	2.00″-2.49″	3,400	21″
	mm	50.8-63.2		535
ZCS1901	ins	2.50″-2.99″	3,400	24″
	mm	63.5-75.9		610
ZCS1902	ins	3.00″-3.49″	5,000	26″
	mm	76.2-88.6		660
ZCS1903	ins	3.50″-3.99″	5,000	29″
	mm	88.9-101.3		735

Single Eye Support Grip Lace Up Type

Recommended for permanent support applications.

SLINGCO PART NO.		CABLE DIA	APPROX. BREAKING LBS	LATTICE LENGTH
ZCS1904	ins	.50″-.62″	567	9.7″
	mm	12.7-15.7		245
ZCS1905	ins	.63″-.74″	890	9.7″
	mm	16.0-18.8		245
ZCS1906	ins	.75″-.99″	1,040	13″
	mm	19.0-25.1		330
ZCS1907	ins	1.00″-1.24″	1,700	13.5″
	mm	25.4-31.5		345
ZCS1908	ins	1.25″-1.49″	1,700	15″
	mm	31.7-37.8		380
ZCS1909	ins	1.50″-1.74″	1,700	16.5″
	mm	38.1-44.2		420
ZCS1910	ins	1.75″-1.99″	2,300	20″
	mm	44.4-50.5		510
ZCS1911	ins	2.00″-2.49″	3,400	21″
	mm	50.8-63.2		535
ZCS1912	ins	2.50″-2.99″	3,400	24″
	mm	63.5-75.9		610
ZCS1913	ins	3.00″-3.49″	5,000	26″
	mm	76.2-88.6		660
ZCS1914	ins	3.50″-3.99″	5,000	29″
	mm	88.9-101.3		735

Offset Eye Support Grip

Recommended for permanent support applications.

SLINGCO PART NO.		CABLE DIA	APPROX. BREAKING LBS	LATTICE LENGTH
ZCS1915	ins	.50″-.62″	512	9.7″
	mm	12.7-15.7		245
ZCS1916	ins	.63″-.74″	740	9.7″
	mm	16.0-18.8		245
ZCS1917	ins	.75″-.99″	1,000	13″
	mm	19.0-25.1		330
ZCS1918	ins	1.00″-1.24″	1,540	13.5″
	mm	25.4-31.5		345
ZCS1919	ins	1.25″-1.49″	1,540	15″
	mm	31.7-37.8		380
ZCS1920	ins	1.50″-1.74″	1,540	16.5″
	mm	38.1-44.2		420
ZCS1921	ins	1.75″-1.99″	2,010	20″
	mm	44.4-50.5		510
ZCS1922	ins	2.00″-2.49″	3,230	21″
	mm	50.8-63.2		535
ZCS1923	ins	2.50″-2.99″	3,230	24″
	mm	63.5-75.9		610
ZCS1924	ins	3.00″-3.49″	4,000	26″
	mm	76.2-88.6		660
ZCS1925	ins	3.50″-3.99″	4,000	29″
	mm	88.9-101.3		735

Double Eye Support Grip

Recommended for permanent support applications.

SLINGCO PART NO.		CABLE DIA	APPROX. BREAKING LBS	LATTICE LENGTH
ZCS2038	ins	.50″-.62″	512	9.7″
	mm	12.7-15.7		245
ZCS2039	ins	.63″-.74″	740	9.7″
	mm	16.0-18.8		245
ZCS2040	ins	.75″-.99″	1,000	13″
	mm	19.0-25.1		330
ZCS2041	ins	1.00″-1.24″	1,540	13.5″
	mm	25.4-31.5		345
ZCS2042	ins	1.25″-1.49″	1,540	15″
	mm	31.7-37.8		380
ZCS2043	ins	1.50″-1.74″	2,010	16.5″
	mm	38.1-44.2		420
ZCS2044	ins	1.75″-1.99″	3,230	20″
	mm	44.4-50.5		510
ZCS2045	ins	2.00″-2.49″	3,230	21″
	mm	50.8-63.2		535
ZCS2046	ins	2.50″-2.99″	4,000	24″
	mm	63.5-75.9		610
ZCS2047	ins	3.00″-3.49″	4,000	26″
	mm	76.2-88.6		660
ZCS2048	ins	3.50″-3.99″	4,000	29″
	mm	88.9-101.3		735

Fiber Optic Pulling Grip

Designed for installing Fiber Optic cable, its single weave and double weave combination gives it both grip and strength.

SLINGCO. PART NO.		CABLE DIA LENGTH	OVERALL LENGTH	APPROX BREAKING STRENGTH (lb)	LATTICE LENGTH
ZCS2008	ins mm	.11″-.23″ 2.5-5.6	18″	950	18″ 455
ZCS2009	ins mm	.21″-.36″ 5.3-9.2	22″	1,650	22″ 560
ZCS2010	ins mm	.32″-.49″ 8.1-12.5	27″	2,200	27″ 690
ZCS2011	ins mm	.42″-.62″ 10.7-15.8	29″	2,750	29″ 735
ZCS2012	ins mm	.53″-.75″ 13.5-19.1	32″	3,700	32″ 815
ZCS2013	ins mm	.64″-.88″ 16.3-22.4	34″	4,250	34″ 865
ZCS2014	ins mm	.75″-1.00″ 19.1-25.5	37″	4,250	37″ 940

Slingco – a Business Focused on Your Needs



Slingco offers a wide selection of cablegrips to match standard applications. Larger diameters and longer lengths can be woven to special order.

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