

WINCHES & LIFTING GEAR / ROUND & SEWN SLINGS

Swivel Clews

Swivel Clews are used to convert one wire from a winch or cradle to several drops for hauling bars. Swivel clews can occasionally tend to twist under load despite the swivel fitting. Flints is able to arrange for guide tubes or track runners to be fitted to the clew to help prevent this. Please ask for details. Spot the "deliberate" mistake in the picture*. See also Delta Rings on page 211. *Refer to page 194 regarding "dead horses"



code	Type	SWL	price
LIFT41300	Three-Way Swivel	500kg	£68.66
LIFT41400	Four-Way Swivel	500kg	£71.60
LIFT41500	Five-Way Swivel	500kg	£74.60
LIFT41600	Three-Way Swivel	1000kg	£74.60
LIFT41700	Four-Way Swivel	1000kg	£78.69

A Note on Newtons

Technically a newton is the SI unit of force [symbol: N]. It is defined as the amount of force required to accelerate a mass of one kilogram at a rate of one metre per second squared. The newton is also the unit of weight. A mass of one kilogram near the earth's surface has a weight of approximately 9.81 newtons. One newton has the mass of a small apple! Throughout this catalogue reference is made to "kN" or kiloNewtons. To convert kN to kgf [kilogram-force] firstly multiply by 1,000 to get newtons then divide by 9.81. Therefore a sling tested to 25 kN could be converted to kgf by the following method: 25 x 1,000 = 25,000. Then divide by 9.81 = 2,548 kgf.

WEIGHING BEAMS

Load Beams

It is now a prerequisite to mark the weight of scenery before it is flown. These beam scales are ideal for weighing large pieces of scenery up to 2 t. The beams are 1.2 m long and supplied with 4 m long cables to a remote digital indicator unit. Free UK mainland delivery. For hire details go to page 404.

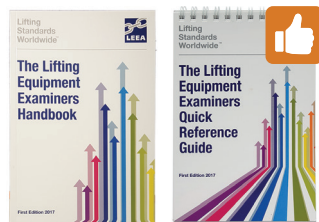


code	price
WB2000KG	£687.95

LIFTING ENGINEER'S HANDBOOK

The Lifting Engineer's Handbook & Quick Reference Guide

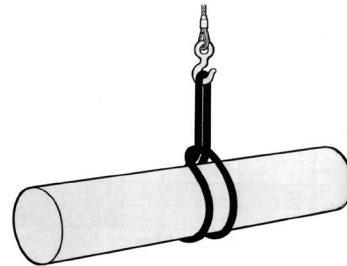
[LEEA] A pocket reference and working tool for competent engineers or riggers to carry around for immediate use when required. Covers technical data and legislation concerning lifting equipment. Updated Version for 2017. Also available is the Lifting Equipment Examiners Quick Reference Guide. A pocket sized flip book designed for use on site. Barry thinks it is brilliant!



code	description	price
BKSLEHN	Handbook	£15.00
BKSLEEQRG	Quick Reference Guide	£7.50

ROUND & SEWN SLINGS

ROUND SLINGS



ROUND SLING CHART	straight pull	choke hitch	basket hitch	
			parallel	90°
Violet	1t	0.8t	2t	1.4t
Green	2t	1.6t	4t	2.8t
Yellow	3t	2.4t	6t	4.2t

SAFETY

Working Load Limits

Round Slings

Also known as Strops and Span Sets They consist of a continuous loop of polyester yarn encased in a double thickness polyester fabric sleeve. This easy to use lifting sling is extremely lightweight and versatile. Higher ratings and longer circumferences are also available. Only to be used for temporary installations. Very competitively priced. Never use a sling with damaged stitching or with a tear in the cover which exposes the core. NB: We sell the slings by their Effective Working Length [EWL] which is half the circumference.



EWL	circum.	violet	1t price	green	2t price	yellow	3t price
500mm	1m	SAF609	£3.92	SAF610	£5.24	SAF611	£6.13
1m	2m	SAF612	£5.01	SAF622	£6.29	SAF632	£8.35
1.5m	3m	SAF613	£6.64	SAF623	£8.19	SAF633	£11.49
2m	4m	SAF614	£7.88	SAF624	£10.63	SAF634	£14.65
2.5m	5m	SAF615	£8.98	SAF625	£12.58	SAF635	£17.70
3m	6m	SAF616	£10.54	SAF626	£14.62	SAF636	£20.98
4m	8m	SAF617	£13.09	SAF628	£18.99	SAF637	£24.10

Black Theatre Slings

The sizes below are supplied in theatre black for inconspicuous rigs. Be sure to carefully read the label attached to each sling to determine the correct loading. NB: We sell the slings by their Effective Working Length [EWL] which is half the circumference.



EWL	circum.	code	1t price	code	2t price
500mm	1m	SAF609B	£3.68	SAF610B	£5.75
1m	2m	SAF612B	£5.79	SAF622B	£6.71
2m	4m	SAF614B	£9.15	SAF624B	£10.40
3m	6m	SAF616B	£11.36	SAF626B	£14.35
4m	8m	SAF617B	£14.65	SAF628B	£17.62

Black Soft Steel [Wire Rope] Round Slings

Made like polyester round slings but the core consists of multiple turns of flexible steel-wire rope protected by the polyester sleeve. These slings will provide far superior fire resistance over ordinary round slings.



Details shows steel wire core



code	Colour	WLL straight pull	EWL	circum.	price
SAF622BW	Black	2t	1m	2m	£18.26
SAF624BW	Black	2t	2m	4m	£28.67
SAF626BW	Black	2t	3m	6m	£41.15

NYLON SEWN SLINGS [EN 566]

Nylon Sewn Slings

These sewn nylon slings provide an economical quick and strong temporary fixing for pulleys etc. to trusswork or flying bars. The 18 mm slings are black with red stitching, the 25 mm ones have yellow stitching. Supplied with user instruction sheet. CE marked.



The 18 mm wide slings conform to EN 566. Minimum Breaking Load is 24 kN when new. The 25 mm wide slings conform to EN 566, EN 795 type B. Minimum Breaking Load is 30 kN when new.



SAFETY	Sewn slings are marked with the minimum strength as per EN 566.	
	This is NOT the SWL	

code	width	EWL	circumference	MBL	price
PETLSL18020	18mm	200mm	400mm	24kN	£4.05
PETLSL18030	18mm	300mm	600mm	24kN	£4.46
PETLSL18060	18mm	600mm	1.2m	24kN	£5.79
PETLSL25030	25mm	300mm	600mm	30kN	£4.62
PETLSL25060	25mm	600mm	1.2m	30kN	£6.00
PETLSL25120	25mm	1200mm	2.4m	30kN	£8.83

DYNEEMA SEWN SLING [EN 566]

Dyneema Sewn Sling

Although Dyneema is very strong, it has virtually no stretch. If subjected to a sudden-shock load by arresting the fall of a weight it could fail before a similar, or theoretically weaker, sling made from nylon. These slings are, however, popular with climbers where saving weight is crucial. In the event of a Dyneema sling arresting the fall of a climber their own body and their climbing gear will act as a shock absorber [...and that's not a good thing].

The Dyneema slings conform to EN 566. Minimum Breaking Load is 22 kN when new.



code	width	EWL	circumference	MBL	price
PETLSD060	15mm	600mm	1.2m	22kN	£8.08

WEB LINKS

Flat Web Sling

Sadly our extremely popular Black Web Links [below] are not rated for lifting so Barry got straight to the drawing board and came up with this solution! A really simple sling that snugly fits a piece of standard size 8 scaffold. Because of the choke hitch design it will also fit a piece of size 6 scaffold, or any piece of truss. The design allows for it to be used in a straight lift - if you have an appropriate connection point above, or even a basket lift! Similar to our Round Slings. Works really well with the 0.75t Green Pin Shackles - available in Black too! Fully certificated for Lifting to EN1492-1. SPECIFICATION: Overall length: 300 mm, Width: 25mm, Material: Polyester, WLL based on a 7:1 safety factor and MBL of 1750 kg



code	length	width	WLL	price	10+
FHSFWB	300mm	25mm	250kg	£12.60	£10.80
WIR2093B	13.5mm	37mm	0.75t	£5.37	-

Black Web Link

A very popular special link designed for theatre use made of black webbing. These links are marked with the year of manufacture and SWL. Fits up to 60 mm Ø barrel.



SAFETY	Min Breaking Load	Safety Factor	SWL
	1,500kg	6 to 1	250kg

code	length	width	SWL	price	10+
ROPOT25300	280mm	25mm	250kg	£20.30	£19.45

Truss Straps

Designed to give a really quick suspension point, simply sling over a bar, pass a shackle through the two d-rings and you're ready to attach whatever you wish to hang! Often used for suspending LX ladders, they are really handy for making small horizontal adjustments - by supporting the weight briefly the strap can be slid along to the desired position. Please note, these straps are not to be used for dynamic lifting, but can be used for hauling and lashing. Multiple sizes available depending on your requirements. SPECIFICATION: Material: Polyester / Steel. SWL based on a 4:1 safety factor.



code	length	width	SWL	price
SAFTS001	320mm	35mm	500kg	£6.30
SAFTS002	525mm	35mm	500kg	£6.75
SAFTS003	320mm	50mm	1000kg	£6.85
SAFTS004	500mm	50mm	1000kg	£7.85

Seddon Link

A quick method of slinging pulleys etc. from flying bars. Made of blue webbing with stainless steel fittings. SPECIFICATION: SWL based on a 7:1 safety factor and MBL of 3500 kg.



code	length	width	SWL	price
ROP0806	200mm	25mm	500kg	£32.51