

## SPLICING SERVICE

Flints can hand splice 3-strand and braided ropes. Our splices are carried out to a very high standard and are in accordance with the Lifting Equipment Engineers Association's recommendations and the rope manufacturer's advisory notes. Natural fibre ropes are slightly more costly to splice because of the requirement to whip all the tails whereas artificial ropes can be sealed with a hot knife. Try to avoid the need for splices at each end of a rope, especially matched pairs. It is very difficult to splice rope to exact lengths and some settling can occur. If Flints is making up sets of spliced lines we will cut them from the same coil or batch of coils. Flints can also make up wire rope drifts with full certification.

### All Splices

For every splice you will need to add the cost of the rope plus one metre for each splice and the cost of the Thimble chosen [page 193].

### Splices in Natural Fibre Ropes

This covers splices in manila, flax and cotton ropes. Splices in ropes up to and including 16 mm Ø will have four full tucks. All tails will be whipped and the thimble secured with two lashings. Splices in ropes over 16 mm Ø will have four full tucks plus an additional tuck with at least 50% of the yarn and all the tails whipped.



code	description	strands	price
SPLICENF16	Up to and including 16 mm Ø	3	£8.00
SPLICENFL	16 mm to 24 mm Ø	3	£12.00
SPLICECHR	20 mm Ø	4	£15.00
SPLICECRA	Aerialist splice in cotton	3	£20.00

### Splices in Artificial Fibre 3-Strand Ropes

This covers splices in 3-strand artificial hemp, classic polyester and black polyester. Splices in ropes up to and including 16 mm Ø will have five full tucks. All tails will be fused back with a hot knife and the thimble secured with two lashings. Splices in ropes over 16 mm Ø will have five full tucks plus an additional tuck with at least 50% of the yarn. All the tails will be fused with a hot knife.



code	description	strands	price
SPLICEAF16	Up to and including 16 mm Ø	3	£6.00
SPLICEAFL	16 mm to 24 mm Ø	3	£8.00

### Splices in Braided Ropes

This covers splices in braided ropes [matt polyester, classic polyester, Herkules and Dyneema® Pro] but excludes 8-plait ropes. The ropes will be spliced in accordance with the manufacturer's instructions. We can also arrange sewn terminations for climbing ropes – please ask our Rigging Manager.



code	description	Material	price
SPLBR812	8 mm to 12 mm Ø	polyester	£10.00
SPLBR1220	12 mm to 20 mm Ø	polyester	£12.00
SPLBRDP	3 mm to 10 mm Ø	Dyneema® Pro	£6.00

## SPLICING GEAR

Splicing 3-strand ropes is relatively easy. If you can find a knowledgeable person to show how it is done, then that is the best way to learn, but if no one is available then why not purchase one of our splicing books such as "Knots Step by Step" by Des Pawson [MBE]. Books are listed on page 399.

### Whipping Twine

Black, white or natural waxed twine in two sizes. For the heavier natural tarred twines which are more suitable for decorative work reminiscent of old ships [page 223].



code	diameter	Type	Colour	length	price
ROP200M	1mm	Medium	White	30m	£3.90
ROP200L	1.5mm	Heavy	White	20m	£3.58
ROP200LB	1.5mm	Heavy	Black	20m	£4.60
ROP200N08	0.8mm	Medium	Natural	41m	£6.16

### Palms and Needles

Left- and right-handed leather palms with a needle-proof section for forcing through heavyweight materials or ropes. The needles are proper sailmaker's needles capable of heavy work. Whipping threads are often drawn through a beeswax cake to waterproof and seal the thread. Right-handed people tend to use righthanded palms.



code	description	price
ROP201	Sailmaker's Palm [left hand]	£12.85
ROP201R	Sailmaker's Palm [right hand]	£12.85
ROP202	Sailmaker's Needles [Pack of 5 assorted]	£8.23
ROP2025	Sailmaker's Needles [Pack of 22 assorted]	£23.66
ROP206	Beeswax Cake [for waterproofing thread]	£8.23

### Marlin Spikes

A solid steel spike for opening up tight ropes.



code	size	price
ROP212	6"	£19.54
ROP213	10"	£23.09

### Currency Spike

For stabbing naan bread plus a useful shackle key.



code	size	price
ROP211	7 3/4"	£14.20

### Swedish Fids

These fids are hollow so that strands can be passed through the gap while the fid is still inserted.



code	size	price
ROP203	6 3/4"	£8.55
ROP204	1 1/4"	£13.25

### Selmas

Selmas are special hollow needles from Norway for splicing braided ropes. Supplied in sets of four to suit ropes up to about 12 mm. Also see "Knots, Splices and Ropework" for detailed splicing instructions [page 402].



code	inside Ø max	qty	inside Ø min	price
ROP1435000	10mm	4	4mm	£53.09

## SPLICING KIT

### Splicing Kit

We have put together this handy kit supplied in a Flints Canvas Zipper Bag. The kit comprises of Knots Step by Step, a right- or left-hand sailmaker's palm, a 6" Swedish fid, beeswax, a pack of 5 sailmaker's needles, a reel of 1 mm whipping twine, a length of braided rope to practice knots, a length natural 3-strand rope, and a length of 3-strand artificial hemp to practise splicing.



code	description	price	Price if bought separately
FHSSPLR	Right-hand kit	£49.50	£63.08
FHSSPLL	Left-hand kit	£49.50	£63.08

### Liros Rigger's Bag

A high spec splicing kit with all the tools and accessories necessary to complete braided and 3-strand splices.

All packed in a handy special zipper bag, includes:

- 1 x Liros Whipping needle
- 1 x Swedish Fid
- 1 x Liros splicing CD
- 1 x Liros wet notes book
- 3 x Splicing needles [5.5, 7.5, 10 mm]
- 1 x Liros brochure
- 1 x Liros tape
- 1 x Dyneema® whipping twine
- 1 x Pen
- 1 x Lighter

Also see Knot Books [page 402] and Ditty Bags [page 346].



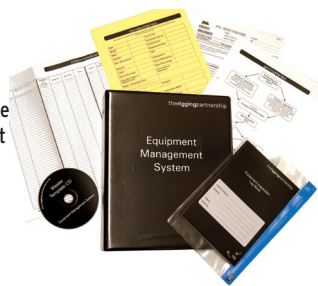
code	price
ROPLRB	£101.98

## EQUIPMENT MANAGEMENT SYSTEM

### Equipment Management System

We know you are all mega organised and could quickly lay your hands on the certificate of conformity for that lanyard you bought last year. We're sure all your harness inspection records are neatly filed so you won't be needing to purchase this splendid Equipment Management System which resolves every problem associated with recording and storing the essential data needed to comply with LOLER regulations.

Why not buy a robust and well-designed Ortlieb Bag [page 347] to look after your PPE?



code	description	price
BKSEMS		£51.00
BKSEMSB	Extra booklets for multi-users	£3.59

## HOT KNIVES

### Hot Knife

This industrial quality hot knife heats up quickly to cut and seal the ends of artificial ropes. Fitted with a light to illuminate the cutting area. The blade is also available as a separate item. 240 V AC.



code	description	price
ROPHOTKK	Knife complete with blade	£129.95
TOLHSGB	Knife blade only [Type R]	£26.45

### Economy Hot Knife

A economical hot knife supplied complete with a blade ideal for cutting modern synthetic ropes. Packed with a hex key and wire brush. 220 V AC 50 Hz. Power: 60 W. Power lead length: 2.5 m. Weight: 1.5 kg



code	description	price
ROPK857	Knife complete with blade	£107.30
ROPK857B	Knife blade only [Type R]	£17.44

## ADHESIVE-LINED HEAT SHRINK

### Adhesive-Lined Heat Shrink Tubing

We found that conventional heat shrink tubing would eventually slip off the rope, especially manila, and we got into the habit of applying a squirt of UHU glue to secure it. Now we stock this heat shrink tubing with a hot melt glue inside. As you heat it the glue melts and the tubing shrinks by four times to form a really secure termination. Ideal for sealing the ends of natural ropes without needing to whip them. Also great for preventing water ingress to electrical terminations. Use a hot air gun to shrink it [page 58]. Choose a size plenty big enough, you will struggle to get a 32 mm diameter shrink over a 32 mm rope but it will go nicely onto a 24 mm rope.

✓ Great for securing webbing loops to tools for lanyard attachment points. See also the Ergodyne Squids® system on page 357

Also see Rescue Tape [page 301].



code	diameter	shrinks to	price	6m+
ROPDWA123	12mm	3mm	£4.77	£4.05
ROPDWA246	24mm	6mm	£7.90	£6.72
ROPDWA328	32mm	8mm	£10.40	£8.84

## ROPE LABELLING

### Rope Labelling Pack

This useful kit provides a special white tape and clear heat shrink to enable the ends of ropes to be clearly marked, especially when they are cut from a reel. It is designed for use with the dynamic and semi-static ropes (see page 222) but would be suitable for any ropes around 10 mm diameter. Enough for 50 labels. Also see Rescue Tape [page 301].



code	price
ROPBRE	£16.00