

ARTHUR BEALE

London's Yacht Chandler - Established 400 years



for all your rope requirements



Winter
2017

Welcome!



Our lovely shop in Shaftesbury Avenue - open every day and until eight on Thursday evenings



1

Welcome to our New Rope Catalogue!

We have been contemplating a rope catalogue for 400 or 500 years but have only just got round to getting it printed. Grace's Guide to British Industry lists Arthur Beale as being established as a rope-maker around 1500. It would have been a much easier task to write a catalogue then with just natural fibres available and with a construction choice of three or four strands. A couple of pages would have done the trick, updated every twenty years or so. Now everything is rather complicated. Rope was made from natural fibres from about 3,500BC until 1935 when some bright spark invented Nylon. It wasn't long before people began to realise it was pretty handy stuff to make rope with and the traditional ropes got left behind.

Then up pops polyester, it makes a rubbish shirt but a near perfect boating rope. Before you've coiled your new rope along comes polypropylene which actually floats and then Dyneema and Technora which are eight times stronger than steel.

And then they started to mix them all together and my brain started to overheat. So it was time to sit down and sort it all out. This catalogue is laid out in chronological order with high tech towards the end. I expect there will be a few errors and probably some debateable points so we would love to hear from you. It would be great to get it right. We won't wait hundreds of years before the next version.



One of our many awards for rope making.

For the index see page 34

CHOOSING YOUR ROPE

The symbols below are designed to help you choose your rope but always feel free to call or email us if you need advice or guidance.



Not suitable for marine applications



Excellent for dinghys



Good choice for anchor warps



Perfect for mooring warps



Very stretchy



Not so stretchy



Super tough product



Great for sheets. Soft to handle and good knot holding.



Ideal for halyards. Lower stretch.



Makes a wonderful gift



Great value

All prices include VAT

Breaking Loads

Whenever possible the breaking loads stated in this catalogue are the minimum breaking loads. If the rope comes from more than one source then the lowest given breaking load is used. If you are thinking of using a rope near to its limits please contact us to ensure no changes in specification have occurred.

Working Load Limits

These are not generally stated in this catalogue as the safety factors will vary according to the application. A Working Load Limit (WLL) differs from a Safe Working Load (SWL) in that it applies to the actual maximum acceptable load for the product whereas the Safe Working Load refers to its final application. Hence a rope may have a Working Load Limit of 2 t but the winch may be rated at 500 kg so the SWL of the application would be 500 kg. Safe Working Loads may be same as the WLL but never more.

Safety Factors

On boats a safety factor of 2:1 is often given by the marine industry for hardware. In the lifting industry fibre slings are given a 7:1 safety factor plus rigorous inspections. 10:1 safety factors are commonly used in the entertainment's industry. It really depends on your application and the consequences of a breakage. If a halyard breaks, your sail will just come down unless of course you are using it to climb the mast! You need to consider possible misuse as well as use. As a starting guideline we would suggest applying a 4:1 safety factor for marine ropes. Lifting applications should always be carried out by a competent person.

Knots and Splices

It is worth being aware that the strength of a rope is reduced when it is tied or spliced. The strength of modern technical fibres such as Dyneema and Technora can be reduced by as much as 70% by using knots so it is always best to splice these ropes. Even Nylon and Polyester will loose around 30-40% of their strength through knots.

Dynamic Loads

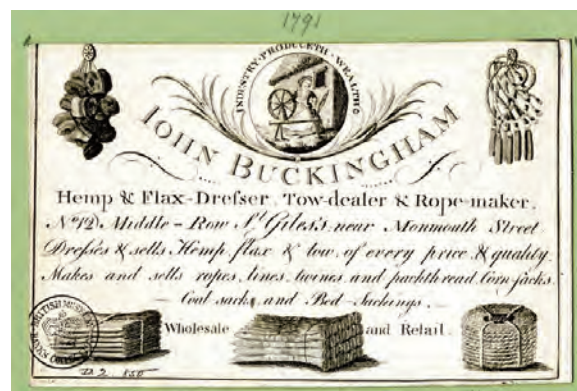
Don't forget that a bit of stretch can dramatically reduce impact loads. Traditional wooden boats will not appreciate the high impact loads that can be transmitted from modern fibres such as Dyneema.

FLAX HEMP

Flax Hemp



Flax is a wonderful natural material. In the 16th century when Arthur Beale was called "John Buckingham Flax Dresser and Rope Maker" the blue flowering flax plant would probably have grown locally in the Parish of St Giles in the Fields.



This card is in the collection of the British Museum but we still have the original engraved copper plate in our archive

Our shop still stands in the very same spot but the flax fields have now been replaced with the modern West End of London.

In the 16th century Elizabeth I encouraged flax growing by stating:

"for the better provision of making nets for the furtherance of fishing, and to eschewing of idleness"

By the end of the 16th century sail cloth manufacturing became well established and the burgeoning demand from the expanding Navy would soon outstrip the local supply of flax and imports of the fibre were required from Russia and Eastern Europe.

Flax was the preferred material to make the sails and so the ropemakers turned to hemp to manufacture their ropes. Flax fibre is very hard to distinguish from hemp.

The first process to extract fibre from the flax plant is to rot away the inner stalk. This is called retting. This can be done in ponds, streams or with dew in the open. Dressing flax is the process of removing the straw from the fibres. Dressing consists of three steps: breaking, scutching, and heckling. The breaking breaks up the straw. Some of the straw is scraped from the fibres in the scutching process, and finally, the fibres are pulled through heckles to tease out the last bits of straw. The word "heckling" derives from this process. Only at this stage can the fibre be twisted to form twines and ropes.

The fibre would be turned into "Tows" ready to make into twine and rope.



Our company used to own rope walks in Tottenham Court Road, Maiden Lane and in Whites Conduit Fields in Islington. Today our flax hemp is still made by hand on the rope walk in Chatham, Kent which dates back to 1790. At the time it was the longest brick building in Europe.

When you purchase a length of our lovely flax hemp you are buying a piece of British Maritime History!

Flax and Real Hemp

THREE STRAND FLAX HEMP (HAWSER LAID)



Three Strand Flax Hemp (Hawser Laid) Flax rope is not treated with tar when it is made so it is not very resilient out of doors. However its very soft feel makes it ideally suited for interior handrail or barrier ropes and for climbing ropes. Furthermore, unlike most synthetic ropes, it will withstand heat without losing strength so it is often used as theatre counterweight hauling lines. The fact that it is a fully bio-degradable natural product makes it an ecologically sound alternative to petroleum derived modern ropes.

Features ✓ Fully bio-degradable ✓ Soft Feel ✓ Withstands heat without losing strength ✓ Hand made in England ✓ Classic good looks ✓ Good knot holding ✓ Ages with a beautiful patina (see page 16) ✓ Can be fire proofed for exhibition use ✓ Far less prone to causing friction burns than artificial ropes ✓ Lovely natural smell of horses ✗ Unpleasant natural smell of horses!

Main Uses Fitness climbing ropes. Barrier ropes. Theatre hauling lines. Handrail ropes. Parrot perches.

Three Strand Flax Hemp				prices per metre		
Diameter	breaking load	code	coil length	1-9 m	10 m-coil	coil +
6 mm	275 kg	ROP3FL6	220 m	£0.51	£0.34	£0.25
8 mm	484 kg	ROP3FL8	220 m	£0.78	£0.52	£0.39
10 mm	756 kg	ROP3FL10	220 m	£1.05	£0.70	£0.53
12 mm	1,120 kg	ROP3FL12	220 m	£1.38	£0.92	£0.69
14 mm	1,440 kg	ROP3FL14	220 m	£1.77	£1.18	£0.88
16 mm	1,900 kg	ROP3FL16	220 m	£2.59	£1.73	£1.29
18 mm	2,350 kg	ROP3FL18	220 m	£3.14	£2.09	£1.57
20 mm	2,910 kg	ROP3FL20	220 m	£4.26	£2.84	£2.13
22 mm	3,490 kg	ROP3FL22	220 m	£4.54	£3.02	£2.27
24 mm	4,140 kg	ROP3FL24	220 m	£4.85	£3.39	£2.71
32 mm	7,380 kg	ROP3FL32	110 m	£6.79	£5.43	£4.75

Made in Chatham, England.

FOUR STRAND REAL HEMP (SHROUD LAID)



Four Strand Hemp (Shroud Laid) This four strand rope also has a central core. It has a rounder profile to three strand ropes. Although very marginally weaker than hawser laid ropes this shroud lay has noticeably less stretch making it ideally suited for ships' rigging.

Features ✓ Lower stretch than hawser laid ropes ✓ Fully bio-degradable ✓ Soft Feel ✓ Withstands heat without losing strength

Main Uses Traditional ships shrouds. Low stretch applications. Applications requiring a rounder construction such as theatre rope locks

Four Strand Hemp (Shroud Laid)				prices per metre		
Diameter	breaking load	code	reel length	1-9 m	10 m-reel	reel +
20 mm	2,530 kg	ROP4HP20	100 m	£5.91	£4.73	£3.55
22 mm	2,950 kg	ROP4HP22	100 m	£6.79	£5.43	£4.75

Made in Germany

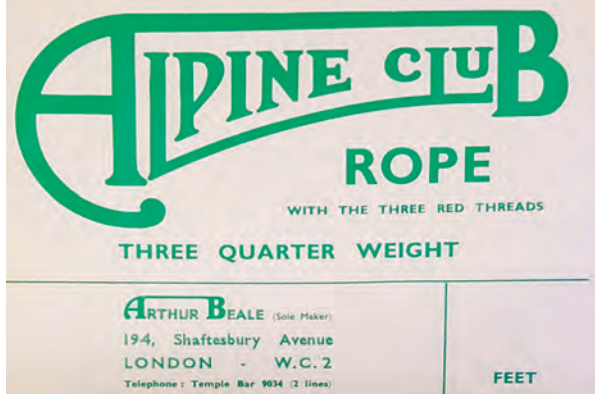
For Real Hemp Cords see page 17

Manila Hemp

MANILA HEMP

Manila Hemp

Manila ropes are made from the fibre of the abaca plant which is a relative of the banana. Although often called Manila Hemp, just like Flax Hemp, it contains no hemp but simply had "hemp" tagged it to their name because most ropes were once made from that fibre. The term Manila comes from the capital of the Philippines where most of the fibre is produced. Its tensile strength is three times that of cotton and twice that of sisal. Manila is classed as a hard fibre, like sisal and coir. 100 years ago it was possible to purchase a very fine quality of manila fibre classed as "Yacht Quality". Sadly this is no longer available and the modern manila is quite tough on the hands and it can give small splinters to soft skin. Manila is suitable for outside use and will withstand rotting for many years. This makes it one of the best choices of natural rope for use outdoors (see also coir on page 5). It is unaffected by salt water in the medium term but when manila gets wet it will swell in diameter and shrink over length by up to 10% so care should be taken during selection. It will tend to shrink most during its first soaking so some people like to pre-soak their rope and dry it before its final application.



Alpine Club Rope

Arthur Beale made a world famous manila hemp rope called Alpine Club Rope. It was developed in conjunction with the Alpine Club. An extract from "Knots Ties and Splices" of around 1877 says; "The committee of the Alpine Club found, in the course of nearly 100 experiments with various kinds of rope, only 4 bore the strain of 12 stone falling five feet, and all these four ropes were made by Messrs. Buckingham and Sons of 33 Broad Street, Bloomsbury." Buckingham was our old name before it changed to Arthur Beale in 1904 and Broad Street was the old name for Shaftesbury Avenue. The rope was used by Shipton, Tilman and Tenzing on the early Everest attempts. We supplied Sir Ernest Shackleton with his rope, pulleys and ice axes and we still have the signed invoice in our archive! Edward Whymper used it on the first ascent of the Matterhorn - it was the rope that did not break. Gino Watkins ordered it for the British Arctic Air Route Expedition. Only when Nylon was invented did the Alpine Club Rope gradually lose favour with the world's great explorers.

The Biggest Difference between Natural and Artificial Ropes?

Apart from the obvious, there is a very fundamental difference. Natural fibres vary in length from a few millimetres to 4 m long. The ropes are made by twisting these together, there is no glue, just the friction between the fibres providing the strength. Artificial ropes have the advantage of being able to use continuous fibres running the entire length of the rope. However some ropes made from modern materials still use short spun or staple fibres to create a soft matt feel with better grip.

THREE STRAND MANILA HEMP



Three Strand Hawser Laid Manila Hemp Manila Rope is made from a fairly coarse fibre from the abaca plant. It makes the rope slightly rough to handle and it can give small splinters to soft hands so it is best to wear sailing gloves for hauling. It is slightly stronger than hemp and more flexible and elastic. It is also very resilient outdoors and distinguished by its low weight. It was for this reason that in 1864 the British Alpine Club decided that 10 mm manila hemp weighing about 75 g per metre was the best rope for climbing. This Alpine Club Rope was solely made by Arthur Beale until superseded by Nylon in about 1946. If using manila rope in a wet environment please be aware it can shrink by around 8-10% while wet. At the same time the diameter swells slightly. It will shrink most the first time it is used. Knots can be quite hard to undo while the rope is wet. The rope is generally unaffected by seawater in the medium term. The rope is also highly hygroscopic absorbing moisture from the atmosphere. For this reason the highly skilled flymen and women in the nearby London West End Theatres used to make adjustments to their flying lines in accordance to the days weather with the "longs" shrinking more than the "shorts". So if the front cloth comes in squint one day it could just be the weather. Technical Specification: Compliance EN ISO 1181 - 2004

Features ✓ Traditional look ✓ Resilient outdoors ✓ Generally Stronger than Flax Hemp ✓ Lightweight ✓ Economical ✗ Sinks ✗ Coarse on hands

Main Uses Theatre flying lines. Traditional working boats. Outdoor handrails and barrier ropes. Boat fenders. Lawn edging. Garden and decking rope. For making swings and rope ladders. Agricultural ropes. Tug of war rope.

Technical Specification on Manila

Material: Abaca plant fibre. Our abbreviation ML
 Specific Gravity: Sinks
 Resistance to Acid: Poor
 Resistance to Alkali: Good
 Resistance to Solvents: Good
 Resistance to Heat: Burns
 Resistant to UV: Good
 Resistance to abrasion: Poor
 Affected by Moisture: Shrinks.
 Highly Hygroscopic absorbing up to 30% moisture by weight
 Oxygen absorbing: Ships holds must be ventilated
 Stretch: More elastic than hemp or flax
 Knot holding: Good but hard to undo when wet
 Washing temperature: N/A
 Approximate Melting Point: Does not melt

Taking Rope from a Coil



The inside of a new coil is in the form of a round tunnel. At one end of the tunnel is the inside end of the line. This inside end always comes out first, usually from the bottom of the tunnel and up through the tunnel. Reach through the tunnel until you find the end, and determine on which end to set the coil so the line will uncoil in a counterclockwise direction. It can be hard to find the end but it will be there.

It is well worth getting this right!

Reach in, draw the end up through the tunnel, and the entire coil will run off without a kink. The important point to bear in mind is that when you pull on the inside end, the line must uncoil in a counterclockwise direction or it will end up in a mess!

You must always coil in a clockwise direction and uncoil in a counterclockwise direction.

...and Coiling 3-Strand Ropes

As you coil a rope it will encourage a slight twist. Sometimes, if the rope is long, these twists will build up and the rope will get tighter and tighter until it buckles or kinks. This happens when the rope is coiled the wrong way. Right hand lay rope [and virtually all rope is right hand lay] must be coiled in a clockwise direction. This will open up the lay slightly and prevent it from misbehaving. Always try to coil away from the bitter end to allow the twist to escape.

Left or Right Hand Lay

Put the rope in your right palm and a right hand lay rope will point in the direction of your thumb. Easy.



Three Strand Manila Hawser Laid prices per metre

Diameter	breaking load	code	Coil length	1-9 m	10 m-coil	coil +
6 mm	275 kg	ROP3ML6	220 m	£0.37	£0.25	£0.19
8 mm	484 kg	ROP3ML8	220 m	£0.69	£0.46	£0.34
10 mm	756 kg	ROP3ML10	220 m	£0.87	£0.58	£0.44
12 mm	1,120 kg	ROP3ML12	220 m	£1.35	£0.90	£0.67
14 mm	1,440 kg	ROP3ML14	220 m	£1.87	£1.25	£0.94
16 mm	1,900 kg	ROP3ML16	220 m	£2.56	£1.70	£1.28
18 mm	2,350 kg	ROP3ML18	220 m	£2.99	£2.00	£1.50
20 mm	2,910 kg	ROP3ML20	220 m	£3.12	£2.49	£1.87
24 mm	4,140 kg	ROP3ML24	220 m	£4.11	£2.93	£2.56
32 mm	7,380 kg	ROP3ML32	220 m	£7.20	£5.12	£4.48
36 mm	9,494 kg	ROP3ML36	220 m	£8.10	£6.48	£5.67
48 mm	16,519 kg	ROP3ML48	110 m	£14.38	£11.50	£10.07

Some Ropery Terms

Hawser Laid: Three strand rope with a right hand lay - the strongest and most common type.

Shroud Laid: Four strand rope with a right hand lay. The rope has a central heart strand as well as four outer strands. Although slightly less strong than hawser ropes it has less stretch hence its suitability for shrouds.

Cable Laid: A nine strand rope made up from three hawser laid ropes twisted together with a left hand lay.

Stretch and Creep Stretch is self explanatory and normally expressed as a percentage at a given load (5% at 50% of breaking load etc). Creep refers to a time dependent deformation under load. Some materials have very low stretch but are prone to creep over time - Dyneema being a classic example.

Cotton Jute and Coir

COTTON

Technical Specification on Cotton Rope

Material: Pure Cotton. Our abbreviation CT
 Specific Gravity: 1.54 Sinks
 Resistance to Acid: Weakens fibres
 Resistance to Alkali: Weakens fibres
 Resistance to Solvents: High resistance to most solvents
 Resistance to Heat: Decomposes after prolonged exposure to 150°C.
 Burns readily
 Resistant to UV: Good but prolonged exposure weakens fibres
 Resistance to abrasion: Moderate
 Affected by Moisture: Very absorbant. 20% stronger when wet.
 Stretch: High on softly laid ropes but breaking elongation of the fibre is low at only 8-10%. Creep: Low
 Knot holding: Good but hard to undo when wet.
 Washing temperature: 40-60°C
 Approximate Melting Point: Does not melt but decomposes at about 150°C

THREE STRAND SOFT COTTON ROPE



Three Strand Soft Cotton Natural Rope This is a very softly laid rope making it very comfortable, pliable and tactile to use. It is occasionally still used as jib or main sheets in traditional dinghies but nowadays it is mainly used for display and fashion purposes. Aerial artists appreciate its soft feel so the 30 mm diameter is often used for Corde Lisse techniques. The rope will take dye very easily and can be flameproofed with the appropriate solutions. The rope that Arthur Beale stocks is hand made in Britain and it has a much softer lay than many imported ropes. However it can only be supplied in short lengths. We can supply longer "hard lay" cotton rope to order.



Features ✓ Very soft ✓ Very pliable ✓ Stretchy lay up
 ✓ Natural Colour ✓ Stronger when wet ✗ Sinks ✗ Only available in short lengths.

Main Uses Decorative uses. Corde Lisse. Halters and leashes. Bondage. Rope needing to be dyed. Traditional dinghy sheets. Lanyards.

See Bakers Twine on page 18

Three Strand Soft Cotton Natural			prices per metre			
Diameter	breaking load	code	coil length	1-9 m	10 m-reel	reel +
6 mm	N/A	ROP3CT6	25 m	£1.40	£0.80	£0.70
8 mm	N/A	ROP3CT8	25 m	£1.91	£1.08	£0.95
10 mm	N/A	ROP3CT10	25 m	£2.23	£1.26	£1.12
12 mm	N/A	ROP3CT12	25 m	£2.59	£1.47	£1.30
16 mm	N/A	ROP3CT16	25 m	£3.72	£2.11	£1.86
20 mm	N/A	ROP3CT20	25 m	£4.01	£2.27	£2.01
24 mm	N/A	ROP3CT24	25 m	£4.47	£2.77	£2.44
30 mm	N/A	ROP3CT30	25 m	£6.15	£4.18	£3.69

Made in England.

See also the Classic White Matt Polyester on page 8

Cutting big ropes? See page 30

For soft caulking cotton see page 17

COTTON MAGIC CORD



Cotton Magic Cord These hollow braided cords are made from natural cotton. They are very soft and pliable designed for ease of use during performance. We have had magicians perform with it in our shop and I can honestly say I was totally baffled by thier amazing skills. These cords are also sometimes chosen as soft cords for clothing and furniture. They will readily take dye and flameproofing solutions. They can also be used as wicks.

Features ✓ Very soft ✓ Very pliable ✓ Used by famous Magicians

Main Uses Perfomance cord for Magicians. Soft cords for clothing and bags.

Cotton Magic Cord Natural or Bleached			prices per metre			
Diameter	type	code	reel length	1-9 m	10 m-reel	reel +
5.5 mm	natural	ROPBMCCT55	100 m	£0.62	£0.41	£0.29
5.5 mm	bleached	ROPBMCCT55B	100 m	£0.71	£0.47	£0.33
7 mm	natural	ROPBMCCT7	100 m	£0.78	£0.52	£0.39
7mm	bleached	ROPBMCCT7B	100 m	£0.90	£0.60	£0.45
10 mm	natural	ROPBMCCT10	100 m	£0.90	£0.60	£0.42
10 mm	bleached	ROPBMCCT10B	100 m	£1.04	£0.69	£0.48

Made in England.

COIR

Coir

Made from the husk of the coconut. The fibre is short and fairly strong but lightweight and extraordinary elastic. Exposure to salt water actually increases the lifetime of coir whereas a dry atmosphere shortens it.* It is the most hardy rope for use outdoors. Coir is available in very large diameters and is often used for boat fendering and decorative garden borders. Pronounced coy-er.

* R. Hood Haggie and Sons catalogue No4

THREE AND FOUR STRAND COIR



Three and Four Strand Coir Rope Due to its resilience to salt water and general outdoor weather coir is the preferred rope for boat fendering and garden use. It is also available in very large diameters. The four strand 64 mm is the usual choice for boat fenders. It has a sisal heart strand.

Features ✓ Resiliant to outdoor weather ✓ Floats ✓ Highly elastic ✗ Not very strong ✗ Rather coarse

Main Uses Boat fendering, Garden use

Coir Ropes			prices per metre			
Diameter	strands	code	coil length	1-9 m	10 m-coil	coil +
12 mm	Three	ROP3CR12	220 m	£1.66	£1.16	£0.99
24 mm	Three	ROP3CR24	220 m	£3.72	£2.60	£2.23
32 mm	Three	ROP3CR32	220 m	£6.22	£4.35	£3.73
48 mm	Three	ROP3CR48	220 m	£11.42	£8.00	£6.85
64 mm	Four	ROP4CR64	220 m	£19.10	£13.37	£11.46
96 mm	Three	ROP3CR96	110 m	£29.30	£23.44	£20.09

Made in England

To cut ropes up to 36 mm see page 30

JUTE

General Information on Jute

Jute fibres come from the skin or "bast" of the jute plant. The fibres can vary between a metre and 4 metres long. Apart from making twine and rope, jute is the fibre used to make hessian. Hessian sacks are ideal for planting young trees and for landscaping as it is fully bio-degradable. As jute plants are naturally watered and require no pesticides it is the most environmentally friendly fibre. Jute loses some strength when wet.

JUTE SASH CORD



Jute Sash Cord Sash cord was once the preferred cord for general use backstage. It is still a popular line in theatres but the stronger modern braided polyesters are now taking its place. The 12.5 m long hanks are useful to divvy up amongst staff.

Features ✓ Soft natural fibre ✓ Pliable ✓ Economical ✓ Environmentally sound ✗ Not very strong (compared to polyester)

Main Uses Backstage general cord. Theatre tab track lines. Theatre throw lines. Sash window counterweight lines.

Jute Sash Cord			prices per metre			
Diameter	cord size	code	reel length	1-9 m	10 m-reel	reel +
6 mm	No4	ROPBJ6	100 m	£0.40	£0.30	£0.20
8 mm	No 6	ROPBJ8	100 m	£0.61	£0.47	£0.31
10 mm	No8	ROPBJ10	100 m	£0.96	£0.72	£0.48
Diameter	cord size	code	length	per hank	8 hanks joined	
8 mm	No 6	ROPBJ8HK	12.5 m	£5.00	£34.68	

Made in England.

SISAL

General Information on Sisal

Sisal fibre comes from a species of Agave which is native to Mexico but it is grown in many hot countries with Brazil as the largest producer. The fibres come from the leaves and are used for making ropes, cords, carpets, dart boards and special papers. In particular it is used for baler twine and string. It is strong, durable and stretchy with a good resistance to seawater.



Three Strand Sisal This is an attractive pale coloured rope which is useful in the garden for trailing plants or decking handrailing.



It is also widely used on cat scratching posts. Other sizes available on request. For sisal string see page 18

Features ✓ Durable natural fibre ✓ Economical

Main Uses Plant trailing. Deck handrailing. Cat scratching posts. Decorative use. General builders yard rope.

Three Strand Sisal			prices per metre			
Diameter	code	coil length	1-9 m	10 m-coil	coil +	
8 mm	ROP3S8	220 m	£0.49	£0.33	£0.25	
10 mm	ROP3S10	220 m	£0.61	£0.41	£0.31	

For Tug of War Ropes - Sale and Hire see page 30

NYLON - POLYAMIDE (PA)

General Information on Nylon

Nylon was invented in 1935 by Wallace Carothers whilst working for DuPont in Delaware. Sadly the long standing story that the name originated because it was simultaneously invented in New York NY and London LON doesn't appear to be true. Nylon's first use was for toothbrush bristles in 1938 then it soon became a replacement for silk fabrics and traditional ropes. Nylon is a very strong material but its main unique feature is its unusually high elasticity which makes it the preferred rope for climbing and industrial access and some mooring lines.

Technical Specification on Nylon

Material: Polyamide. Abbreviation PA

Specific Gravity: 1.14 Sinks

Resistance to Acid: Resists weak solutions

Resistance to Alkali: Good

Resistance to Solvents: Good but soluble in some.

Resistance to Heat: Up to 130°C Short exposure

Resistant to UV: Good

Resistance to abrasion: Very Good

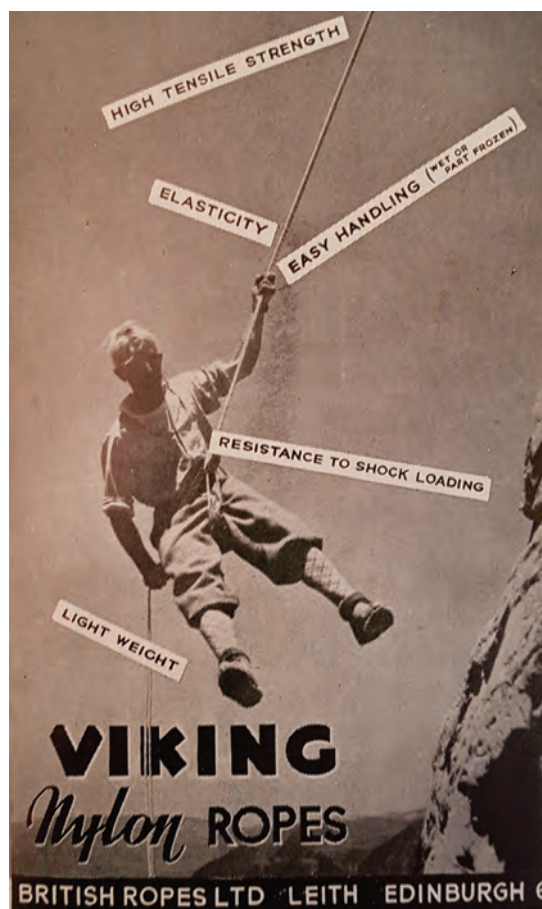
Affected by Moisture: Absorbs 1-7% and loses 5-10% strength when wet

Stretch: Very high (16-27% at break). Creep: Slight under load.

Knot holding: Excellent in matt ropes

Washing temperature: 50-60°C

Approximate Melting Point: 215°C



The use of Nylon Climbing Ropes was soon to put an end to sales of Arthur Beale's world famous Alpine Club Rope made from manila. This advert is from a 1949 climbing journal in our archive.

Dynamic, Semi-Static or Static?

Ropes used for industrial access, climbing and fall arrest can be classified as three types:

Dynamic = elongation at break above 40%

Semi-Static = elongation at break 35 - 40%

Static = elongation at break below 35%

As nylon [polyamide] is the most stretchy rope it is used almost exclusively as Dynamic and Semi-static lines. But nylon in its yarn state stretches only 16 - 27% so extra stretch is added by braiding and by heat treatments to ensure a 40% stretch is achieved.

The stretch is an important safety factor as the G-force of a falling object can be roughly calculated by the fall distance divided by the arrest distance. Therefore a person falling 2 m being arrested by a nylon rope which stretched 200 mm would be subjected to a G-force of 10 but if the rope was dyneema with just 2 mm stretch the G-force would be 1,000 and possibly fatal.

Dynamic and Semi-Static lines are classed as PPE [Personal Protective Equipment] Category 3, C-type inspection. They must be made by a ISO 9001 registered company.

INDUSTRIAL ROPE ACCESS



Semi-Static Intervention Rope

These ropes are ideal for fixed rigging used exclusively for descender-descent and ascender-ascent. Minimum elasticity is desirable yet the ropes are semi-static to protect against "F1" falls. Soak the ropes before use and dry [expect 5% shrinkage]. The ropes are constructed from 100% nylon [polyamide]. Suitable for use with the ASAP Mobile Fall Arresters. Breaking load: 3,263 kgf [3,200 daN]. Conformity: EN 1891 Type A. Breaking load with Figure-of-Eight knot: 2,141

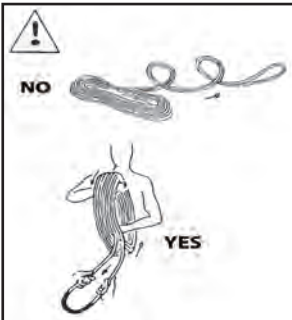
kgf [2,100 daN].

Features ✓ Black finish ideal for entertainment's industry

Main Uses Work at Height access lines

Semi-Static Rope	diameter	colour	length	code	price
Intervention	11 mm	Black	50 m	ROPBCSTN1150	£117.79

A Beal product. Beal is certified to ISO 9001: 2008.



Uncoiling Hanks

Climbing and Industrial Access Ropes are often supplied as hanks. Be careful because the method of manufacture and hanking varies with different manufacturers. Some have made them more user friendly but normally if you just grab a new hank of a climbing rope and throw it on the floor you will be in for a very unpleasant surprise! You will end up

with a kinked up mess which could take an hour to sort out. Always read the instructions before unwrapping the rope. Generally the way to uncoil a new hanked climbing rope is to slip both your arms through it and then unwind it as if it is rotating on a drum. You will need two people. Don't forget that many semi-static ropes require soaking before they are unwound. Read the instructions!

TOURING ROPES



Beal Rando Golden Dry 8 mm

This dynamic rope is designed for high level walking, progression across snowfields, ski touring and glacier crossing. It weighs just 37 g per metre and takes up little room.

Technical Specification: Impact force of one strand: 4.2kN. Number of falls on one strand: 5 Sharp edge resistance: Yes. Sheath percentage: 40%. Water Absorption: Beal Guaranty 0.9%, UIAA Laboratory < 5%. Weight per metre: 37g

Features ✓ Lightweight ✓ Space saving ✓ Water absorption treated
X Not for mountaineering

Main Uses Confidence rope for difficult terrain on foot or skis

Beal Rando 8 mm	colour	hank length	code	price per hank
8 mm	pink	30 m	ROPBRPA830	£60.00
8 mm	pink	48 m	ROPBRPA848	£101.00

A Beal product. Beal is certified to ISO 9001: 2008.

We can supply other climbing and access ropes. Please ask for a quote.

THREE STRAND NYLON



Three Strand Nylon White This rope is a popular choice for mooring lines, anchor warps and chain snubbers due to its very high elasticity and strength. It is made to BS EN ISO 1140. Technical Specification: This rope will stretch about 20% at 50% of its breakload.

Features ✓ Excellent shock absorbing ✓ High strength ✓ Easy to splice X Suffers from exposure to UV

X Stiffens over time X Loses 5-10% strength when wet

Main Uses Mooring Lines. Anchor warps. Chain snubbers.

Three Strand White Nylon	prices per metre					
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Diameter	dry MBL	code classic/white	reel length	1-9 m	10 m-reel	reel +
6 mm	808 kg	ROP3PA6W	100 m	£0.60	£0.47	£0.40
8 mm	1,407 kg	ROP3PA8W	100 m	£0.83	£0.64	£0.55
10 mm	2,161 kg	ROP3PA10W	100 m	£1.28	£0.99	£0.82
12 mm	3,068 kg	ROP3PA12W	100 m	£1.85	£1.44	£1.19
14 mm	4,077 kg	ROP3PA14W	100 m	£2.52	£1.96	£1.57
16 mm	5,291 kg	ROP3PA16W	100 m	£3.28	£2.55	£2.04

A Marlow Ropes Product. Marlow Ropes are certified to BS EN 9001: 2008. A UK Company.

Mooring Warps

The main advantages of Nylon over polyester are its great elasticity and marginal extra material strength. On short warps and in particular for chain snubbers this is of great benefit however on longer lines such as springs it can become a problem. With a strong breeze in a tight berth your vessel could well range a metre or two causing it to hit neighbouring boats. With long anchor warps and spring lines polyester will provide ample shock absorbing and improved longevity. We advise that you consider nylon for short lines and polyester for long ones. Be aware that Nylon loses about 5-10% of its strength when wet.

POLYESTER (PES)

General Information on Polyester

If there was an ideal material for rope then it would be polyester. Its excellent resistance to UV and very good abrasion resistance coupled with its relatively high strength and low to moderate stretch suits it to most applications on board. Unless there is a specific reason to use another type of rope, polyester should be your first choice.

Technical Specification on Polyester

Material: Polyester. Abbreviation PES

Specific Gravity: 1.38 Sinks

Resistance to Acid: Generally good except strong sulphuric.

Resistance to Alkali: Good when cold but poor at boiling point

Resistance to Solvents: Good except some phenolic compounds

Resistance to Heat: Up to 170°C Short exposure (Low: - 21°C)

Resistant to UV: Excellent

Resistance to abrasion: Very good

Affected by Moisture: No

Stretch: Low to moderate (10 - 16% at break). Creep: Virtually nil

Knot holding: Excellent in matt ropes

Washing temperature: 50-60°C

Approximate Melting Point: 260°C

History of Polyester

Polyester cloth was invented in Britain by the scientists John Whinfield and James Dickson in 1941. It was called Terylene. After the war the United States company DuPont bought the right to make it and by 1950 it was in production under the American name Dacron.

THREE STRAND PRE-STRETCHED POLYESTER CLASSIC AND WHITE



Three Strand Pre-Stretched Polyester This high performance three strand polyester rope is specially constructed to ensure that it has minimum stretch yet is very well balanced. The rope is unusual in that it is constructed with a "cable lay" to provide a rope of premium quality. The rope is heated after laying up and while under tension to reduce any extension and also to relieve any tension while being laid up. The result is a rope which has little stretch and resists hockling and kinking. It is easy to splice but because it has quite a hard lay a Swedish Fid (see page 28) will be needed to open the strands. A first class rope for halyards on any classic boat. *Technical Specification:* These ropes will stretch considerably more than stated when new but once worked in they will stretch less than 5% at a working load of 20%. Heat set 100% polyester.

Features ✓ Low stretch <5% at 20% breaking load ✓ Easy to splice ✓ Traditional look with performance quality ✓ High strength to diameter ✓ Complex industry leading construction ✗ Sinks ✗ Knot holding not quite as good as matt polyester ✗ Slight sheen when new

Main Uses Halyards, Luff lines, Lifting, General winching

CLASSIC THREE STRAND MATT POLYESTER



Classic Three Strand Matt Polyester This premium Classic rope is made from worsted yarn giving it a matt finish which is very easy to grip and is excellent at holding knots. It is soft to handle and very easy to coil. The rope is durable and abrasion resistant. The construction of this rope gives it a moderate to high stretch of >17% making it an ideal choice for mooring lines on traditional craft. The smaller sizes are the perfect choice for reefing pennants as the reef knots will not shake out by themselves. It is very easy to splice so, coupled with its soft feel, it also makes a good choice for lanyards and leashes. One of our most popular ropes. Available Classic and now in Matt White

Features ✓ Excellent knot holding ✓ Good grip ✓ Easy to handle ✓ Moderate stretch ✓ Classic good looks ✓ Easy to splice ✓ Soft feel ✗ Sinks

Main Uses Mooring warps for traditional and classic craft. Flag halyards. Reefing pennants. Lanyards and dog leads. Lashing lines. Lee cloth lines. Bag handles. Lacing lines.

Classic Three Strand Matt Polyester			prices per metre			
Diameter	breaking load	code classic/white	reel length	1-9 m	10 m-reel	reel +
4 mm	130 kg	ROP3MPES4C/W	250 m	£0.49	£0.39	£0.34
5 mm	200 kg	ROP3MPES5C/W	250 m	£0.58	£0.46	£0.41
6 mm	350 kg	ROP3MPES6C/W	100 m	£0.69	£0.55	£0.48
8 mm	730 kg	ROP3MPES8C/W	100 m	£1.18	£0.94	£0.83
10 mm	1,100 kg	ROP3MPES10C/W	100 m	£1.82	£1.46	£1.28
12 mm	1,300 kg	ROP3MPES12C/W	100 m	£2.28	£1.83	£1.60
14 mm	1,700 kg	ROP3MPES14C/W	100 m	£2.99	£2.39	£2.09
16 mm	2,200 kg	ROP3MPES16C/W	100 m	£3.68	£2.95	£2.58
18 mm	3,500 kg	ROP3MPES18C/W	100 m	£5.48	£4.39	£3.84
20 mm	4,900 kg	ROP3MPES20C/W	100 m	£6.75	£5.40	£4.73

A Liros product. Liros is certified to DIN EN ISO 9001: 2008.

Made in Germany.

Classic Three Strand Pre-Stretched Polyester			prices per metre			
Diameter	breaking load	code	reel length	1-9 m	10 m-reel	reel +
6 mm	1,050 kg	ROP3SPES6C	300 m	£1.06	£0.85	£0.74
8 mm	1,730 kg	ROP3SPES8C	300 m	£1.35	£1.08	£0.94
10 mm	2,640 kg	ROP3SPES10C	200 m	£2.12	£1.70	£1.49
12 mm	3,490 kg	ROP3SPES12C	200 m	£2.91	£2.33	£2.03
14 mm	4,200 kg	ROP3SPES14C	100 m	£3.99	£3.19	£2.79

White* Three Strand Pre-Stretched Polyester			prices per metre			
Diameter	breaking load	code	reel length	1-9 m	10 m-reel	reel +
6 mm	1,050 kg	ROP3SPES6W	300 m	£0.72	£0.58	£0.50
8 mm	1,730 kg	ROP3SPES8W	300 m	£1.19	£0.96	£0.84
10 mm	2,640 kg	ROP3SPES10W	200 m	£1.73	£1.39	£1.21
12 mm	3,490 kg	ROP3SPES12W	200 m	£2.41	£1.93	£1.69

*with blue marker fleck

An English Braids product. English Braids is certified to ISO 9001.

Made in England.

**Need some whipping twine?
See page 26 - 28 for a full range of splicing
equipment and accessories**



Polyester

THREE STRAND POLYESTER



Black and White Three Strand Polyester This is a great hard wearing all purpose rope. With a working stretch greater than 15% at 50% of the break load it makes a superior mooring or anchor warp. It is very abrasion resistant and has the highest UV stability for exceptional long life. It will not harden or yellow over time. It is easy to splice and coil.

Features ✓ High Tenacity ✓ UV Stable ✓ Easy to splice ✓ Heat set ✓ Good shock absorbtion ✓ Easy to handle ✓ Unaffected by moisture ✓ Will not rot ✓ Resists kinking ✓ X Sinks

Main Uses Mooring. Anchoring. General purpose usage Long life lines. Snubbers. Lanyards. Lashings.

White Three Strand Polyester (no fleck)				prices per metre		
Diameter	breaking load	code	reel length	1-9 m	10 m-reel	reel +
4 mm	300 kg	ROP3PES4W	200 m	£0.37	£0.30	£0.26
6 mm	650 kg	ROP3PES6W	200 m	£0.50	£0.40	£0.35
8 mm	1,150 kg	ROP3PES8W	200 m	£0.79	£0.63	£0.55
10 mm	1,850 kg	ROP3PES10W	100 m	£1.21	£0.97	£0.85
12 mm	3,000 kg	ROP3PES12W	100 m	£1.70	£1.36	£1.19
14 mm	3,400 kg	ROP3PES14W	100 m	£2.62	£2.10	£1.83
16 mm	5,000 kg	ROP3PES16W	100 m	£3.02	£2.42	£2.12
18 mm	6,400 kg	ROP3PES18W	100 m	£3.65	£2.92	£2.55
20 mm	8,400 kg	ROP3PES20W	100 m	£4.71	£3.77	£3.30
24 mm	11,500 kg	ROP3PES24W	100 m	£6.32	£5.05	£4.42
32 mm*	20,000 kg	ROP3PES32W	100 m	£11.22	£8.98	£7.86

Black and Navy Three Strand Polyester				prices per metre		
Diameter	breaking load	code	reel length	1-9 m	10 m-reel	reel +
4 mm	300 kg	ROP3PES4X	200 m	£0.44	£0.35	£0.31
6 mm	650 kg	ROP3PES6X	200 m	£0.62	£0.50	£0.44
8 mm	1,150 kg	ROP3PES8X	200 m	£1.04	£0.83	£0.73
10 mm	1,850 kg	ROP3PES10X	100 m	£1.50	£1.20	£1.05
12 mm	3,000 kg	ROP3PES12X	100 m	£2.12	£1.69	£1.48
14 mm	3,400 kg	ROP3PES14X	100 m	£2.79	£2.23	£1.95
16 mm	5,000 kg	ROP3PES16X	100 m	£3.56	£2.85	£2.49
18 mm	6,400 kg	ROP3PES18X	100 m	£4.32	£3.45	£3.02
20 mm	8,400 kg	ROP3PES20X	100 m	£5.46	£4.37	£3.82
24 mm	11,500 kg	ROP3PES24X	100 m	£7.02	£5.62	£4.92
32 mm*	20,000 kg	ROP3PES32X	100 m	£12.52	£10.01	£8.76

Please substitute the X for the desired colour. Black = N Navy = B (seems the wrong way round but its not!) *Made to order.

Braided or Kernmantle?

They are basically both the same thing. This type of rope construction consists of a core [German "kern" = core] protected by a sheave [German "mantel" = shell]. They were introduced by the German company Edelrid in 1953. The core generally provides most of the strength while the sheave offers protection. They work very well with rope clutches and climbing gadgets. They also tend to coil up easily. The term Kernmantle tends to be used more by the climbing fraternity. The main drawback with these ropes is that they are rather difficult to splice compared to 3-strand ropes.

CLASSIC BRAID ON BRAID POLYESTER PRE-STRETCHED



Classic Braid on Braid Pre-Stretched Polyester

This polyester rope has been heat set and pre-stretched to minimise working stretch. It has a very solid feel making it ideal for winching operations. The breaking load of this rope is considerably higher than the soft matt polyester ropes which also helps to reduce stretch under normal loading. For a braided rope it is easy to splice and because of its low stretch and resistance to wear it makes it the perfect choice for halyards on any classic yacht and would serve well as very durable sheets. Technical Specification: 12 strand core with 20 plait cover.

Features ✓ High strength - exceeding most polyester ropes ✓ Easy to splice ✓ Traditional colour ✓ High strength to diameter ✓ Very durable ✓ Works well around sheaves and on winches X Sinks X Knot holding not as good as the soft matt polyester

Main Uses Halyards, Preventors, Durable sheets and control lines

Classic Braid on Braid Pre-Stretched Polyester				prices per metre		
Diameter	breaking load	code	reel length	1-9 m	10 m-reel	reel +
6 mm	1,350 kg	ROPBSPES6C	200 m	£1.06	£0.85	£0.74
8 mm	2,000 kg	ROPBSPES8C	200 m	£1.52	£1.21	£1.06
10 mm	3,150 kg	ROPBSPES10C	200 m	£2.31	£1.85	£1.61
12 mm	4,300 kg	ROPBSPES12C	100 m	£3.20	£2.56	£2.24
14 mm	6,000 kg	ROPBSPES14C	100 m	£4.42	£3.54	£3.10
16 mm	7,250 kg	ROPBSPES16C	100 m	£5.36	£4.29	£3.75
18 mm	7,500 kg	ROPBSPES18C	100 m	£6.78	£5.42	£4.74

An English Braids product. English Braids is certified to DIN EN ISO 9001 Made in England

This rope is available in a wide variety of colours some of which come in larger diameters. We normally keep a selection in the shop but sadly we can't hold all of them. What not give us a ring if you require a pre-stretched coloured rope and we will see if we have it or can order it in. 020 7836 9034.

See also Beige Herkules on page 11 and Biege Liros Racer (with Dyneema) on page 15.

Arthur Beale's Splicing Service



Some of the ropes we stock are selected for their high strength or low stretch. These ropes tend to be quite firm and knots tend to shake out more easily than with the soft matt ropes which allow the knots to "bed in". If you are using your rope for a halyard, boom preventor or a lanyard why not ask us to splice the end for you? We can provide a soft loop, a hard eye or splice directly onto a snap shackle. You are welcome to bring your own fittings or an old rope to copy but I'm afraid we can only splice ropes supplied by us. For full details and prices of our splicing service please see page 25

CLASSIC SOFT MATT BRAIDED POLYESTER



Classic Soft Matt Braided Polyester A high quality polyester rope which is ideal for sheets on cruising yachts. The rope is exceptionally soft and the worsted matt cover provides great grip. The core is made from high tenacity polyester and the rope is finally heat set. The construction of the rope ensures knots will not easily shake out so it not only makes perfect sheets but is a great allround rope to have onboard. Technical Specification: Braided core with 16 plait cover 6-12 mm and 24 plait cover 14 mm and up.

Features ✓ Very soft to handle ✓ Excellent knot holding
 ✓ Traditional matt appearance ✓ High grip cover ✓ Relatively low stretch <6% ✓ Very pliable ✗ Sinks ✗ Not as strong as pre-stretched ropes.

Main Uses Sheets, Downhauls, Uphauls and Control Lines needing frequent handling.

Classic Soft Matt Braided Polyester			prices per metre			
Diameter	breaking load	code	reel length	1-9 m	10-100m	100m +
6 mm	520 kg	ROBPES6C	100 m	£0.85	£0.68	£0.59
8 mm	1,000 kg	ROBPES8C	100 m	£1.20	£0.96	£0.84
10 mm	1,900 kg	ROBPES10C	100 m	£2.13	£1.71	£1.49
12 mm	2,400 kg	ROBPES12C	100 m	£2.69	£2.16	£1.89
14 mm	2,900 kg	ROBPES14C	100 m	£3.58	£2.87	£2.51
16 mm	3,500 kg	ROBPES16C	100 m	£4.88	£3.90	£3.42
18 mm	4,500 kg	ROBPES18C	100 m	£5.93	£4.75	£4.15
20 mm	5,200 kg	ROBPES20C	100 m	£8.93	£7.15	£6.25

A Liros product. Liros is certified to DIN EN ISO 9001: 2008.
 Made in Germany.



Arthur Beale supplied the mast, sails and all the rigging for Louis Vuitton's "Volez, Voguez, Voyagez" exhibition in Paris, Tokyo, Seoul, and New York. The hemp ropes and sails were all fireproofed.

SOFT MATT BRAIDED POLYESTER



Black N



White W



White with blue fleck WF



Red R



Blue B



Forest Green FV



Bright Green BV



Yellow Y



Gold GD

Soft Matt Braided Polyester These high quality polyester ropes in pure colours are immensely popular for a wide variety of uses. The rope is exceptionally soft and pliable making it very easy to handle. The worsted matt cover not only provides great grip but also makes it a great looking rope. The matt finish and soft feel also ensure knots will stay in place. Onboard it is a perfect choice for sheets, uphauls and control lines. Ashore it is widely used in the display and events industry. The dense matt black rope being a standard workhorse line in most theatres across the country. Technical Specification: Braided high tenacity polyester core with 8 plait cover 4-5 mm, 16 plait cover 6-12 mm and 24 plait cover 14 mm and up. Heat set.

Features ✓ Very soft to handle ✓ Excellent knot holding ✓ matt appearance ✓ High grip cover ✓ Relatively low stretch <6% ✓ Very pliable ✓ Brilliant range of pure colours ✓ Wide variety of diameters ✓ Economically priced ✗ Sinks ✗ Not as strong as pre-stretched ropes.

Main Uses Onboard - Sheets, Downhauls, Uphauls and Control Lines needing frequent handling. Ashore - Theatre black ropes, Shop display, Events industry, Curtain track lines, Lashing and tie off lines, Knot practising lines

Please substitute the **XXX** for the desired colour. See the colour image above for the codes.

Soft Matt Braided Polyester			prices per metre			
Diameter	breaking load	code	reel length	1-9 m	10-100 m	100 m +
4 mm	110 kg	ROBPES4XX	100 m	£0.62	£0.49	£0.43
5 mm	170 kg	ROBPES5XX	100 m	£0.65	£0.52	£0.45
6 mm	520 kg	ROBPES6XX	100 m	£0.85	£0.68	£0.59
8 mm	1,000 kg	ROBPES8XX	100 m	£1.20	£0.96	£0.84
10 mm	1,800 kg	ROBPES10XX	100 m	£2.13	£1.71	£1.49
12 mm	2,400 kg	ROBPES12XX	100 m	£2.69	£2.16	£1.89
14 mm	2,900 kg	ROBPES14XX	100 m	£3.58	£2.87	£2.51
16 mm	3,500 kg	ROBPES16XX	100 m	£4.88	£3.90	£3.42
18 mm	4,500 kg	ROBPES18XX	100 m	£5.93	£4.74	£4.15
20 mm	5,200 kg	ROBPES20XX	100 m	£8.93	£7.15	£6.25

Made in Germany.

HERKULES



Herkules This is a very versatile rope for any ocean cruising yacht expecting unqualified high standards. The rope is very hard wearing and maintains its round shape making it ideal for tough winching tasks. It has a tenacious grip on winch drums and the 1:1 plaited cover is extremely durable. The rope is heat set giving it a working stretch less than 5% making it a good choice for halyards as well as sheets. Technical Specification: Cover 1:1 plaited high tenacity spun-dyed polyester. Core high tenacity braided polyester. Working stretch <5%.

Features ✓ Best possible quality ✓ Very durable ✓ Low stretch ✓ Great grip on winches ✓ Good abrasion resistance ✓ Absolutely non-kinking ✓ UV Stable ✓ Wide range of diameters in Classic Beige

Main Uses Sheets. Halyards. Gybe preventors. Control lines. Reefing lines. Any line requiring hard winching. Solid black makes a great theatre hauling line. Please replace the X with the desired colour code: Solid Black=N, Solid White*=W, Classic beige = C, Blue* =B, Red* =R, * Sometimes has a marker fleck - if this is a problem please phone to enquire. 4, 5 and 6 mm only stocked in Beige

Herkules		prices per metre						
		Diameter	breaking load	code	reel length	1-9 m	10-reel	reel +
Only stocked in Classic	4 mm	400 kg	ROPBH4C	250 m	£1.14	£0.76	£0.53	
	5 mm	650 kg	ROPBH5C	250 m	£1.51	£1.01	£0.71	
	6 mm	800 kg	ROPBH6C	200 m	£1.62	£1.30	£0.91	
	8 mm	1,600 kg	ROPBH8X	200 m	£2.18	£1.74	£1.22	
	10 mm	2,500 kg	ROPBH10X	200 m	£2.90	£2.32	£1.62	
	12 mm	3,500 kg	ROPBH12X	100 m	£3.71	£3.16	£2.60	
	14 mm	4,500 kg	ROPBH14X	100 m	£4.89	£4.15	£3.42	

A Liros product. Liros is certified to DIN EN ISO 9001: 2008. Made in Germany.

Other colours and diameters up to 24 mm are available to order.

WICHARD MXEvo HALYARD BLOCK



Wichard MXEvo Halyard Block
A new generation of one piece "blocks" from Wichard. If you struggle to pull your mainsail more than a third of the way up the mast before having to resort to the winch then this could be the solution. Tie off the halyard at the mast truck and lead it through the MXEvo

block on the head of the sail then back up to the halyard sheave at the mast head. We love them because it doubles the amount of rope you will need - you'll love them because you can whizz up the mail sail in a jiffy! Technical Specification: See www.arthurbeale.co.uk for full details

Wichard MXEvo Halyard Block	breaking load	code	price
Max rope size 8 mm	1,700 kg	PULWB11603	£44.41
Max rope size 10 mm	4,100 kg	PULWB11604	£53.08
Max rope size 14 mm	6,000 kg	PULWB11605	£83.34

Allen pin versions available - see our website

OCTOPLAIT POLYESTER ANCHOR WARP



Octoplaist Polyester Anchor Warp Black There is some debate about the preferred rope to use for anchor warps. The old school of thought was to go for nylon because of its high stretch properties and marginal extra strength. However nylon has some disadvantages and we believe this construction of 8 strand octoplaist polyester makes a superior anchor and long mooring warp. Nylon tends to stiffen over age and it also loses up to 10% of its strength when it is wet. Nylon does stretch more than polyester but the construction of this rope will ensure a working stretch in excess of 15% which is more than adequate to prevent snubbing. This non-kinking rope is best just flaked down into a locker or carry bag (see rope bags on page 29) as it will pay out easily without the need for labourious coiling down. It is also very easy to splice onto chain. Technical Specification: Eight strand 100% high tenacity polyester

Features ✓ Soft and easy to handle ✓ Good stretch ✓ Apparently makes completely silent mooring warps! ✓ Easy to splice to chain ✓ Good abrasion resistance ✓ Non kinking ✓ UV stable ✓ Sinks for anchoring ✓ Flakes down neatly for stowage
X Large diameters are quite heavy to handle.

Main Uses Long shore lines. Anchor warps. Silent mooring warps. Evening dresses!

Octoplaist Polyester			prices per metre			
Diameter	breaking load	code	reel length	1-9 m	10-reel	reel +
10 mm	1,700 kg	ROP8PES10N	200 m	£3.03	£1.94	£1.70
12 mm	2,400 kg	ROP8PES12N	200 m	£4.11	£2.63	£2.30
14 mm	3,800 kg	ROP8PES14N	100 m	£5.01	£3.21	£2.81
16 mm	4,700 kg	ROP8PES16N	100 m	£6.72	£4.30	£3.76
18 mm	5,800 kg	ROP8PES18N	100 m	£8.52	£5.28	£4.60
20 mm	7,600 kg	ROP8PES20N	100 m	£9.75	£6.50	£5.85
24 mm	11,600 kg	ROP8PES24N	100 m	£11.28	£8.46	£7.61

Made in Germany.

Our Octoplaist rope is primarily used for anchor warps but fashion designer, Giovanni Paolini appreciated its soft feel to create this wonderful dress. The perfect outfit for an impromptu social evening in the anchorage!

Photography by Daria Belikova

All prices include VAT



For docklines and weighted pre-made anchor warps see page 23-24

POLYPROPYLENE (PP)

General Information on Polypropylene

The material was invented by Giulio Natta in Milan in 1954. It is a fantastically versatile material widely used in industry because it is very light and resistant to flex fatigue. Nearly all flip top bottles use polypropylene for this reason. As a rope it makes a hard wearing strong line which floats. This property lends it for applications requiring a surface line, such rescue lines and dinghy painters which would otherwise get snarled in the towing vessel's prop if the line went slack. It is an economical rope too enabling large diameter lines to be affordable so it is often chosen for barrier ropes and for garden use. Furthermore its excellent insulating properties make it first choice when working near high voltages.

Technical Specification on Polypropylene

Material: Polypropylene. Abbreviation PP
 Specific Gravity: 0.91
 Resistance to Acid: Very good
 Resistance to Alkali: Good
 Resistance to Solvents: Good except Carbon Tetrachloride
 Resistance to Heat: Up to 80°C Short exposure
 Resistant to UV: Poor except when treated
 Resistance to abrasion: Fair
 Affected by Moisture: No
 Stretch: Moderate (12 - 20% at break) Creep: At high loads.
 Knot holding: Excellent in matt ropes
 Washing temperature: 30°C
 Approximate Melting Point: 170°C
 Invented 1935

FLOATING BRAIDED RESCUE LINE



Floating Braided Rescue Line This lightweight yellow floating line is made from spun dyed multifilament polypropylene. It is ideal for rescue throw lines, kayaking tow lines and small dinghy painters. It also makes an economical general purpose line.

Technical Specification: Working stretch <12% at 20% of Breaking Load.

Features ✓ Floats ✓ Lightweight ✓ Excellent electrical insulation ✓ UV Stabilised ✓ Bright colour for visibility

Main Uses Floating rescue line. Horseshoe attachment lines. Dinghy painters. Kayak tow lines. Economical general purpose line.

Floating Braided Rescue Line		prices per metre				
Diameter	breaking load	code	reel length 1-9 m	10-200 m	200 m +	
6 mm	550 kg	ROPBPP6Y	200 m	£1.34	£0.91	£0.75

Other diameters available to order by reel lengths.

A Liros product. Liros is certified to DIN EN ISO 9001: 2008.

BRAIDED LASHING TWINE

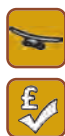


Braided Artificial Hemp Lashing Line A popular and very useful natural looking line. See also real hemp cords on page 17.

Features ✓ Natural looking ✓ Floats ✓ Lightweight ✓ Rot resistant ✓ UV Stabilised **Main Uses** Lashings. Decorative ropework - Turk's Heads on tillers. Economical general purpose line.

Braided Artificial Hemp Lashing Line		prices per metre				
Diameter	breaking load	code	reel length 1-9 m	10-100 m	100 m +	
4 mm	73 kg*	ROPBPP4C	100 m	£0.76	£0.59	£0.40

ARTIFICIAL HEMP



Artificial Hemp Often referred to as Hempex or Hardy Hemp. This very popular economically priced rope is extremely hard to tell from real hemp. It feels and looks identical yet has the major advantage of being rot proof and unaffected by water. For these reasons it is often chosen as a decorative rope and is widely used by the film and theatre industries. It is also probably the easiest rope to splice as the strands are heat set and remain in shape when the rope is split apart. It is a very lightweight line which means it will float on water making it perfect for applications such as dinghy painters and river boat mooring warps which won't get tangled in your prop, mooring bridles which need to be picked up on the water and for throw lines. It also has excellent insulation properties so it is ideal for hauling lines in close proximity to high voltage cables. Technical Specification: Stretch approximately 5% at 20% of breakload.

Features ✓ Floats ✓ Excellent insulation properties ✓ Looks identical to real hemp ✓ Economically priced ✓ UV treated ✓ Traditional look ✓ Good knot holding ✓ Rot proof ✓ Soft feel ✓ Very easy to splice

Main Uses Rescue Lines. Decorative ropes. Dinghy painters. Garden fencing. Handrail ropes. Barrier ropes. Floating mooring and pick-up lines. General purpose rope for Scouts etc. Hauling lines near high voltages. Film and theatre industries needing a traditional looking rope. Splicing instruction. Swimming pool lane barriers.

Artificial Hemp			prices per metre			
Diameter	breaking load	code	reel length 1-9 m	10-reel	reel +	
3 mm	60 kg	ROP3PP3C	500 m	£0.25	£0.14	£0.11
4 mm	200 kg	ROP3PP4C	200 m	£0.36	£0.21	£0.16
6 mm	360 kg	ROP3PP6C	100 m	£0.40	£0.23	£0.17
8 mm	600 kg	ROP3PP8C	100 m	£0.64	£0.37	£0.28
10 mm	900 kg	ROP3PP10C	100 m	£0.94	£0.54	£0.40
12 mm	1,340 kg	ROP3PP12C	100 m	£1.19	£0.79	£0.60
14 mm	1,740 kg	ROP3PP14C	100 m	£1.46	£0.97	£0.73
16 mm	2,180 kg	ROP3PP16C	100 m	£1.84	£1.23	£0.92
18 mm	2,730 kg	ROP3PP18C	100 m	£2.31	£1.54	£1.15
20 mm	3,420 kg	ROP3PP20C	100 m	£2.93	£1.96	£1.47
24 mm	4,830 kg	ROP3PP24C	100 m	£4.10	£2.74	£1.92
32 mm	10,400 kg	ROP3PP32C	50 m	£5.64	£4.51	£3.67
48 mm	16,000 kg	ROP3PP48C	50 m	£11.78	£9.43	£7.66

Made in Germany.

BIG BLOCK FOR LARGE ROPES



Big Block 32 We developed this block in conjunction with Barton Marine to provide a simple compact block which can cope with large diameter ropes. It is not designed as a high load block but an economical and practical solution for low load applications requiring large diameter ropes. The swing cheek design allows it to be inserted onto pre-rigged lines and the over large hole will take any connector. Technical Specification: Takes up to 32 mm diameter ropes. WLL 225 kg

with a 4:1 safety factor. 316 grade stainless steel with 72 mm Spectro anodised aluminium sheave.

Features ✓ 32 mm rope capacity ✓ Swing cheeks ✓ Economical **Main Uses** Tricing gym climbing ropes. Diverting large ropes. Guiding unloaded chain into chainpipes. Tricing heavy mooring lines.

Big Block 32		code	price
Swing Cheek Pulley to 32 mm diameter		PULBARLD32	£95.00

DYNEEMA

Dyneema

Invented 1979 in the Netherlands and in commercial production since 1990. Dyneema® is both the world's strongest fibre and the only HMPE fibre scientifically engineered to overcome abrasion, bending fatigue, compression, and creep fatigue. It is up to 15 times stronger than steel weight for weight.

Technical Specification on Dyneema

- Material: Ultra-high-molecular-weight polyethylene.
- Abbreviation: HMPE (Ours is DY)
- Specific Gravity: 0.96 Floats
- Resistance to Acid: No reaction
- Resistance to Alkali: Very resistant
- Resistance to Solvents: Minimal reaction
- Resistance to Heat: Up to 70°C Short exposure (Low: -85°C)
- Resistant to UV: Excellent
- Resistance to abrasion: Excellent
- Affected by Moisture: No
- Stretch: Very Low (3.8% at break). Creep: At high loads
- Knot holding: Fair but weakens the rope by up to 70%
- Washing temperature: 30°C
- Approximate Melting Point: 150°C

DYNEEMA D-PRO



Dyneema D-Pro Black This heat stretched 100% Dyneema rope will provide the optimum breaking load with the lowest possible stretch. Coupled with its excellent abrasion resistance, low weight and easy splicability makes this line a perfect choice for replacing wire halyards. Our D-Pro has a non-reflective matt black surface making it also a useful rope for use in the entertainments industry. Technical Specification: Coated Dyneema SK78. Working Stretch less than 1%. UV Stabilised.

Features ✓ Exceptional strength ✓ Very low stretch ✓ Very easy to splice ✓ Floats ✗ Difficult to cut ✗ Poor resistance to heat - avoid heavy winching ✗ Will creep under plunged load

Main Uses Wire rope replacement. High performance halyards. Non-stretch control cables. Motorised track hauling lines. Rigging screw replacement lashings. Soft shackle construction. Non-whiplash towing applications

See page 26 for High Load Eyes

Dyneema D-Pro

Diameter	breaking load	code	reel length	prices per metre		
				1-9 m	10-99 m	100 m +
1 mm	195 kg	ROP12DY1N	100 m	£0.67	£0.54	£0.40
1.5 mm	230 kg	ROP12DY15N	100 m	£0.80	£0.64	£0.48
2 mm	410 kg	ROP12DY2N	100 m	£1.10	£0.88	£0.66
2.5 mm	580 kg	ROP12DY25N	100 m	£1.35	£1.08	£0.81
3 mm	950 kg	ROP12DY3N	100 m	£1.65	£1.32	£0.99
4 mm	1,300 kg	ROP12DY4N	100 m	£2.44	£1.96	£1.47
5 mm	2,600 kg	ROP12DY5N	100 m	£3.39	£2.97	£2.54
6 mm	4,300 kg	ROP12DY6N	100 m	£5.84	£5.11	£4.09
8 mm	5,300 kg	ROP12DY8N	100 m	£7.04	£6.16	£4.75
10 mm	9,000 kg	ROP12DY10N	100 m	£10.12	£8.85	£6.83

A Liros product. Liros is certified to DIN EN ISO 9001: 2008.

Made in Germany.

Large diameters are available to order
See also coloured Dyneema Cords and
Fine Dyneema Threads on Page 20

TECHNORA (TEC)

General Information on Technora

A modern para-aramid fibre for superlative performance especially when exposed to heat. First commercially available in 1987 it is widely used in a range of industrial applications. Weight for weight it is three times stronger than Nylon or Polyester. It can be used in very harsh environments even subjected to heat.

Technical Specification on Technora

- Material: Technora. Our abbreviation TEC
- Specific Gravity: 1.44 Sinks
- Resistance to Acid: Resists most acids
- Resistance to Alkali: Partially good.
- Resistance to Solvents: Minimal reaction.
- Resistance to Heat: Up to 200°C long exposure (Low: -175°C)
- Resistant to UV: Poor
- Resistance to Abrasion: Adequate
- Affected by Moisture: Absorbs 2-5%. Retains 95% strength.
- Stretch: Very Low (2-4% at break). Creep: Virtually nil
- Knot Holding: Moderate but weakens the rope by up to 70%
- Washing Temperature: 80-90°C
- Approximate Melting Point: Chars above 500°C

TECHNORA 12 STRAND

NEW



Technora 12 Strand If you have a demanding application such as landing a rover on the surface of Mars then Technora is the material of choice. This para-aramid fibre rope has excellent tensile strength and fatigue resistance as well as superior resistance to chemicals but it is perhaps its superb resistance to heat degradation that really sets it apart. Technora ropes are chosen as escape ropes by fire fighters and are becoming increasingly popular with theatre riggers. This 12 strand construction rope is very easy to splice enabling the rigger to make up hauling lines quickly on site. As the rope has virtually no stretch under normal working conditions it is the perfect choice when equipment needs to be accurately positioned such as on motor controlled tracks and hoists.

Features ✓ Eight times stronger than steel (weight for weight) ✓ Does not burn or melt ✓ Survives brief exposure up to 400°C. ✓ Extremely low stretch ✓ Virtually no creep ✗ Poor UV and only adequate abrasion resistance.

Main Uses Wire rope replacement. Hoist and track control lines. Dolly systems. Catenary Ropes. Halyards. Firefighter escape lines. Lines prone to high temperatures.

Technora 12 Strand - Black

Diameter	breaking load	code	reel length	prices per metre		
				1-9 m	10 m-reel	reel +
4 mm	713 kg	ROP12TEC4N	100 m	£3.90	£3.12	£2.50
5 mm	1,019 kg	ROP12TEC5N	100 m	£4.21	£3.37	£2.81
6 mm	2,600 kg	ROP12TEC6N	100 m	£4.51	£3.61	£3.16
8 mm	4,000 kg	ROP12TEC8N	100 m	£6.55	£5.24	£4.59
10 mm	6,300 kg	ROP12TEC10N	100 m	£10.70	£8.56	£7.49

A Liros product. Liros is certified to DIN EN ISO 9001: 2008.

Made in Germany.

MARLOW EXCEL FUSION



Marlow Excel Fusion - Dyneema® Polypropylene Blend By blending extra strong Dyneema with lightweight polypropylene Marlow have produced a firm round low stretch rope which is both easy to handle and very light and strong. No wonder this rope is chosen by many RYA Team GB boats. Technical Specification: Core 12 strand SK78 Dyneema. Cover 16 plait blended Dyneema and Polypropylene. Weight 2.2 kg per 100 m.

Features ✓ Low elongation ✓ Light weight - floats ✓ Good UV resistance ✓ Very good abrasion resistance ✓ Spliceable ✓ Excellent cleat and ratchet performance

Main Uses Dinghy sheets

See page 28 for D Splicing Tools

Marlow Excel Fusion				prices per metre		
Diameter	breaking load	code	colour	reel length	1-9 m	10 m-reel reel +
7 mm	1,230 kg	ROPBEF7R	Red	100 m	£6.93	£4.99 £4.16
7 mm	1,230 kg	ROPBEF7B	Blue	100 m	£6.93	£4.99 £4.16
7 mm	1,230 kg	ROPBEF7N	Black	100 m	£6.93	£4.99 £4.16

A Marlow Ropes product. Marlow is certified to EN ISO 9001: 2014. Made in England.

Arthur Beale can supply all Marlow Rope products and often have other types such as Marstron in stock

MARLOW EXCEL CONTROL



Marlow Excel Control - Polyester Polypropylene and Technora® Blend This is the first and best dedicated line for continuous loop dinghy control lines. The special snakeskin pattern means end-to-end, endless loop splicing with no diameter increase is much easier - Use the F20 wire splicing needle on page 28 for best results. The Technora® cover provides extra grip as well as heat and abrasion resistance and the distinctive colours aids easy identification. Technical Specification: Core 8 plait polypropylene. Cover 16 plait blended Technora® and Polyester. Weight 1.59 kg per 100 m.

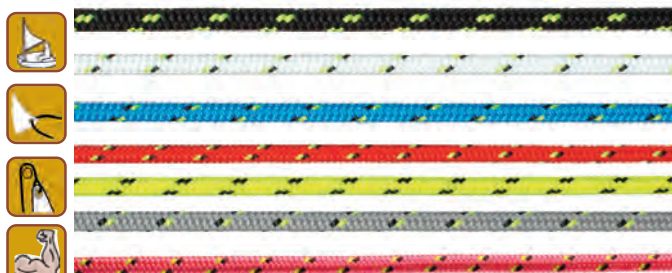
Features ✓ Easy end-to-end splicing ✓ Great heat resistance ✓ Good UV resistance ✓ Very good abrasion resistance ✓ Flexible and easy to handle ✓ Unique appearance

Main Uses Dinghy loop control lines. Any continuous loop line.

Marlow Excel Control				prices per metre		
Diameter	breaking load	code	colour	reel length	1-9 m	10 m-reel reel +
5 mm	756 kg	ROPBEC5L	Lime	100 m	£2.94	£2.12 £1.76
5 mm	756 kg	ROPBEC5OR	Orange	100 m	£2.94	£2.12 £1.76

A Marlow Ropes product. Marlow is certified to ISO 9001: 2014. Made in England.

MARLOW EXCEL RACING



Marlow Excel Racing - Dyneema® with Polyester Cover This is a very high strength but lightweight rope made by using a Dyneema® with a 100% polyester protective cover. It holds very well in cleats and can easily be tapered. The core is armour coated to colour co-ordinate with the cover making this the perfect rope for stripped halyards and spinnaker sheets. A great all round rope. Technical Specification: Core 12 strand SK78 Dyneema. Cover 16 plait polyester. Weight 1.24 kg per 100 m.

Features ✓ Firm round rope to aid handling ✓ Light weight ✓ Very low stretch ✓ Excellent UV resistance ✓ Good abrasion resistance ✓ Spliceable ✓ Good chemical resistance

Main Uses Dinghy control lines. Spinnaker sheets. Halyards. Kickers. Sheets. Outhauls and downhauls. Backstays.

Marlow Excel Racing				prices per metre		
Diameter	breaking load	code	colour	reel length	1-9 m	10 m-reel reel +
4 mm	855 kg	ROPBER4N	Black	100 m	£3.25	£2.34 £1.95
4 mm	855 kg	ROPBER4W	White	100 m	£3.25	£2.34 £1.95
4 mm	855 kg	ROPBER4B	Blue	100 m	£3.25	£2.34 £1.95
4 mm	855 kg	ROPBER4R	Red	100 m	£3.25	£2.34 £1.95
4 mm	855 kg	ROPBER4L	Lime	100 m	£3.25	£2.34 £1.95
4 mm	855 kg	ROPBER4G	Grey	100 m	£3.25	£2.34 £1.95
4 mm	855 kg	ROPBER4P	Pink	100 m	£3.25	£2.34 £1.95

A Marlow Ropes product. Marlow is certified to EN ISO 9001: 2014. Made in England.

LIROS MAGIC PRO



Liros Magic Pro - Dyneema Core with High Grip Polyester Cover This rope was designed for dinghies, catamarans and sports boats but has many other applications such as high performance reefing lines. The sheath is designed to be stripped back and the Dyneema core is colour co-ordinated. The firm round construction means it performs perfectly in clutches under high loads. Technical Specification: Core Dyneema SK78 with Liros XTR Grip coating coloured, Cover polyester grip fibre with spin dyed polyester.

Features ✓ Easy to splice ✓ Can be stripped back for spinnaker sheets ✓ Excellent grip ✓ Minimum stretch ✓ Very high strength ✓ Flexible for maximum speed during manoeuvres

Main Uses High performance sports dinghies and catamarans. Applications requiring low stretch and excellent clutch control. Please substitute the X for the desired colour. White-Sand Y, White-Blue B

Marlow Liros Magic Pro				prices per metre		
Diameter	breaking load	code	reel length	1-9 m	10 m-reel reel +	
8 mm	3,000 kg	ROPBMP8X	100 m	£5.20	£4.42 £3.64	

Also available in smaller diameters and other colours. Please phone 020 7836 9034 for details.

A Liros Product. Liros is certified to DIN EN ISO 9001: 2008. Made in Germany.

Barrier Ropes

LIROS RACER



NEW

Liros Racer For good reason this rope is a long time favourite with yacht riggers. Its proven track record and very high breaking load with low stretch make it a firm favourite for halyards on the discerning yacht. The rope features a specially engineered 24 and 32 plait polyester cover and a coated Dyneema SK78 core. The firm round construction works perfectly with heavy winching. A very special line. Technical Specification: 8 mm has 24 plait polyester cover, 10 mm upwards have 32 plait polyester cover. Core SK78 Dyneema with Liros special coating. Heat stretched. Working stretch <1.5%

Features ✓ Very high breaking load ✓ Very low stretch ✓ Non Kinking ✓ Easy handling ✓ Very suited to hard winching

Main Uses High performance halyards and sheets. Ropes requiring heavy winching.

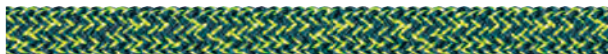
Please substitute the X for the desired colour. White=W, Black=N, Blue=B, Red=R. Silver Grey =SG, Beige=C, Green=V

Diameter	breaking load	code	reel length	prices per metre		
				1-9 m	9-100 m	100 m +
6 mm	2,500 kg	ROPBRACE6X	100 m	£3.14	£2.67	£2.20
8 mm	3,800 kg	ROPBRACE8X	100 m	£5.88	£5.00	£4.12
10 mm	5,000 kg	ROPBRACE10X	100 m	£7.38	£6.27	£5.17
12 mm	7,200 kg	ROPBRACE12X	100 m	£10.38	£8.83	£7.27
14 mm	9,500 kg	ROPBRACE14X	100 m	£14.80	£12.58	£10.36

A Liros product. Liros is certified to DIN EN ISO 9001: 2008.

Made in Germany.

Also available in larger sizes up to 22 mm. Other colours available plus new Racer Vision series shown below. Please phone for details and availability.



Problems with rope sizes?

Take care when choosing a rope to fit existing pulleys. Rope diameters will reduce when a load is applied. Short lengths of 3-strand rope will expand considerably when cut off a coil as the tension is released. Ropes will sometimes vary in dimensions slightly from batch to batch and they can be quite hard to identify simply by measuring. We often find ropes measure 11 mm but we don't sell 11 mm rope! If you think the rope that you need is going to be a close fit please seek advice or ask for a batch sample before placing an order.

Barrier and Handrail Ropes

Arthur Beale not only stock the best ropes for handrailing but we have the expertise to tailor them to your exact requirements. After years of experience our staff know exactly what is needed to provide perfect barrier and handrail ropes for interior or exterior use.

BARRIER ROPES



Barrier Ropes These coloured ropes are made from a matt polypropylene fibre which has been very softly laid so it is light and easy to handle. The coloured ropes are specially made as barrier ropes and they would be too stretchy to use for other purposes. The natural coloured at the bottom of the image is actually 24 mm Artificial Hemp which is a structural rope but also lends itself perfectly for barrier ropes.

Features ✓ Soft feel ✓ Light weight ✓ Can be fitted with brass or chrome end fittings ✓ Can be provided with Man Rope Knots to finish the ends **Main Uses** Barrier Ropes. Decorative swags

Barrier Ropes				prices per metre	
Diameter	colour	code	reel length	1-24 m	25 m+
24 mm	Red	ROP3BRR	25 m	£6.00	£5.00
24 mm	Wine	ROP3BRWN	25 m	£6.00	£5.00
24 mm	Green	ROP3BRV	25 m	£6.00	£5.00
24 mm	Blue	ROP3BRB	25 m	£6.00	£5.00
24 mm	Black	ROP3BRN	25 m	£6.00	£5.00
					10 m+
24 mm	Natural	ROP3PP24C	25 m	£4.10	£2.74

Made in England.

CABLE LAY BARRIER ROPES



Cable Lay Barrier Ropes These ropes are very visually appealing and make excellent barrier ropes. The dark red and the beige ropes are made from acrylic yarn whereas the navy rope is made from spun polyester. Other colours are available to order. Technical Specification: 4 strand cable laid.

Features ✓ Visually appealing ✓ Can be fitted with brass or chrome end fittings

Main Uses Barrier and Handrail Ropes. Decorative swags.

Barrier Ropes				prices per metre		
Diameter	colour	code	reel length	1-9 m	10-50 m	50 m+
28-30 mm	Dark Red	ROPCLBRR	50 m	£11.83	£10.06	£8.28
28-30 mm	Beige	ROPCLBRC	50 m	£11.83	£10.06	£8.28
28-30 mm	Navy	ROPCLBRB	50 m	£15.00	£12.75	£10.50

Made in Germany.

Barrier and Handrail Ropes

BARRIER AND HANDRAIL ROPE FITTINGS



Hook End Brass

Hook End Chromed Brass

Wall Bracket Brass

Wall Bracket Chromed Brass



Wall Eye Chromes Brass



Wall Eye Brass



Rope End Cap Brass and Chrome

All prices include VAT

Barrier Rope and Handrail Fittings These solid brass or chrome plated brass fittings are designed to work with our 24 mm and 28 mm diameter barrier ropes. The fittings can be supplied loose or fitted to your ropes by our expert staff. We can calculate the extra length needed for a beautiful catenary so it is always best if you just give us the measurement between the two walls or posts. We will do the rest.

BARRIER POSTS



Ball Top Barrier Posts These stands are made from stainless steel with a heavy weighted base. The brass version is actually a titanium ion coating to give it an opulent brassed finish. The top flange has slots to take the Hook End Fittings. Technical Specification: 1 m high, 5.2 kg, Diameter 350 mm

Features ✓ Weighted base for stability ✓ Attractive appearance ✓ Economical

Main Uses Crowd control and cordoning off areas.

Ball Top Barrier Posts	codes	prices
Polished Stainless Steel	ROPBR0311	£78.00
Brass Finish Stainless Steel	ROPBR0310	£84.00

SPECIAL ROPE SKILLS



Special Rope Skills Hand rail ropes are often finished with a Manrope Knot as shown above. We are happy to do these for you in a wide variety of ropes including flax hemp (see page 3) or the barrier ropes shown alongside. Steve is an expert ropeworker and can make up special items to order. See also the section on splicing on page 25

Special Projects ✓ Mobility Aid Ropes ✓ Climbing Ropes ✓ Bell Ropes ✓ Rope Fenders ✓ Monkeys Fists door Stops ✓ Parrots Perches

Special Rope Skills	code	prices each
Manrope Knot up to 24 mm rope	ROPSERV	£10.00
Manrope Knot 32-48 mm rope	ROPSERV	£15.00
Turks Heads around 24 mm rope	ROPSERV	£7.00

Barrier Rope and Handrail Fittings		code	price each
	suits rope diameters		
Hook End Brass - supplied loose	25 mm	ROPHE	£9.50
Hook End Chrome - supplied loose	25 mm	ROPHEC	£10.50
Hook End Brass - supplied loose	28-32 mm	ROPHEL	£16.00
Hook End Chrome - supplied loose	28-32 mm	ROPHECL	£17.00
Fitting Charge per hook		ROPSERV	£5.00
Wall Bracket Brass	25 mm	ROPWB25B	£9.50
Wall Bracket Chrome	25 mm	ROPWB25C	£10.50
Wall Bracket Brass	32 mm	ROPWB32B	£12.38
Wall Bracket Chrome	32 mm	ROPWB32C	£13.08
Wall Eye Plate Brass		ROPWEB	£4.20
Wall Eye Plate Chrome		ROPWEC	£4.95
Rope End Cap Brass	25-30 mm	ROPEC30B	£14.53
Rope End Cap Chrome	25-30 mm	ROPEC30C	£14.53



Flax hemp will age beautifully over the years. the top rope is a handrail rope we supplied about ten years ago and the lower rope is the new replacement.

Like to learn how to splice?

Why not attend one of our splicing classes? See page 32 for more details or visit the events page on our website.



We can produce any other ropework on a price per job basis. This is a lovely traditional throw-line we recently made for a client.

Sometimes clients prefer a hook inserted into their barrier ropes. It is held by a sewn whipping and then an optional Turk's Head has been added

Natural Cords and Small Stuff

HEMP CORDS



Real Hemp Cords These popular small hemp cords are widely used for decorative ropework, lashings and whippings. The natural colour and soft feel make them the perfect choice for sewn whippings on hemp ropes. As the fibres are absorbent they are easily fireproofed for theatre and exhibition use. Technical Specification: 8 plait braided 100% hemp.

Features ✓ Soft feel ✓ Natural look ✓ Fully bio-degradable ✓ Easily fireproofed

Main Uses Decorative rope work. Sewn whippings. Model boat rigging. Traditional deadeye lashings. Garden twine.

Real Hemp Cords				prices		
Diameter	breaking load	code (per m, 30m, 500m)	per metre	30 m spool	500 m spool	
1.5 mm	28 kgf	ROPBH15 (S) (LS)	£0.23	£7.86	£86.25	
2 mm	35 kgf	ROPBH2 (S) (LS)	£0.29	£10.57	£108.00	
2.5 mm	38 kgf	ROPBH25 (S) (LS)	£0.38	£12.34	£142.50	
3 mm	45 kgf	ROPBH3 (S) (LS)	£0.47	£13.97	£176.40	
4 mm	66 kgf	ROPBH4 (S) (LS)	£0.57	£16.60	£213.30	
Diameter	breaking load	code	per metre	30 m spool	250 m spool	
5 mm	86 kgf	ROPBH5 (S) (LS)	£0.81	£23.24	£152.10	

Made in Germany.

See also 4 mm Braided Artificial Hemp Lashing Line on page 12 and Historic Cord on page 18

TARRED MARLINE AND SPUNYARN



Tarred Marline This twine is made from two strands of tarred hemp twisted with a left hand lay. It was very widely used as a serving when wire ropes were hand spliced to cover and protect the loose strands. The tar ensures its durability to the elements as well as protecting splices from water penetration. The smell is quite fantastic and I like to keep

a roll onboard simply to impart an old world nautical atmosphere on the good ship. One day we will develop Arthur Beale Tarred Marline After Shave Lotion. Technical Specification: Left hand lay tarred hemp.

Features ✓ Gorgeous smell ✓ Gorgeous smell ✓ Gorgeous smell

Main Uses Serving wire rope splices. Wrapping and binding. Garden bamboo siezings. Thatching. Adding a nautical atmosphere to anywhere.

Tarred Marline				prices	
Diameter	code	aroma	approx length per 250 g spool		
1 mm	ROP2TM1	wonderful	198 m	£10.55	
2.5 mm	ROP2TM25	wonderful	90 m	£10.55	
3 mm	ROP2TM3	wonderful	43 m	£10.55	

Tarred Spun yarn				prices	
Diameter	code	aroma	approx length per 250 g spool		
5 mm	ROPSY25	wonderful	very long 2.5 kg	£48.00	

OAKUM



See our website for caulking irons and mallets

Oakum This is the best navy oakum which is steeped in Stockholm Tar. Generally it is used for caulking below the waterline, due to its high durability while cotton caulking is reserved for above the waterline. The name comes from the old English for "off combings" and in the past the boys and girls of the Victorian workhouses had to pick it from old tarred ropes at a rate of a couple of pounds a day. Those were the good old days when you could actually make money from old rope. Nowadays oakum is produced from virgin hemp.

Features ✓ Very durable ✓ Soaked with Stockholm tar

Main Uses Caulking below the waterline

Best Navy Oakum	code	prices
4 kg coil	ROPOAK4	£69.17
12 kg bale	ROPOAK12	£192.12

CAULKING COTTON



Caulking Cotton This is a very soft cotton caulking of the very best quality. Made from eight strands loosely left hand twisted to form an uncompressed diameter of about 8 mm. Cotton swells on contact with water to make a completely watertight seal. It is useful to wrap a bit of cotton caulking around bronze skin fittings and under bolt washers to prevent water

ingress. Technical Specification: 100% pure soft cotton 8 strands.

Features ✓ Very soft ✓ Top quality ✓ Highly absorbant

Main Uses Caulking above the waterline. Wrapping around bolts behind the washer to prevent water seepage. Sealing around mast coats.

Best Cotton Caulking	code	prices
500 g Ball	ROPCC	£8.27

STOCKHOLM TAR



Stockholm Tar A thick liquid made from pine tar used to preserve ropes and rigging from rotting and to waterproof servings. It is also used to soak oakum to increase its durability. The smell of Stockholm Tar is legendary and I swear most people buy it to attract mating partners.

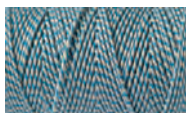
Features ✓ Legendary smell ✓ Highly effective preservative

Main Uses Waterproofing and protecting rigging. Coating wire rope servings. Attracting likeminded partners.

Stockholm Tar	code	prices
1 kg	ROPST1	£21.27
2.5 kg	ROPST25	£47.55
5 kg	ROPST5	£79.37

BAKERS TWINE

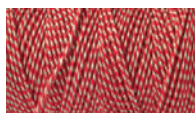
NEW



Sky Blue SB



Saraha Sand SS



Beefeater Red BF



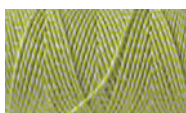
Orange OR



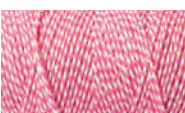
York Gold YG



Black BK



Spring Green SG



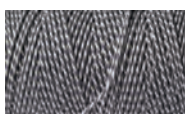
Fuchsia FH



Emerald EM



Eton Blue EB



Lakeland Slate LS



Moss MS

Cotton Bakers Twine This is the original British made cotton Bakers Twine. Made from cotton which is spun, dyed and twisted in British factories to make this famous twine which is sold worldwide. We stock it in two tone (shown) and solid colours.

Features ✓ Very soft ✓ Beautiful range of colours ✓ Fully biodegradable **Main Uses** Craft purposes. Gift wrapping.

Replace the **XX** with the two letter colour code from the images above or WH for White

Bakers Twine	length	code	prices
Original Twist (shown)	50 m spool	ROPBT50XX	£3.75
Solid colour	50 m spool	ROPBT50SXX	£3.95

SISAL TWINE - STRING



Three Strand Sisal Twine

This is a top quality sisal twine made from three strands for extra strength. Technical Specification: Pure sisal yarn. 3 strand

Features ✓ Economical ✓ Strong and durable ✓ Biodegradable

Main Uses Tying coils of rope.

Securing parcels. Garden and agricultural twine. Theory writing.

Sisal String	approx. length	code	prices
2.5 kg Ball	Very long	ROP055	£13.09
250 g Ball	About 10% as long as above	ROP058	£3.18

HISTORIC CORD



Historic Cord Mini Reels This cord looks identical to real hemp but is actually made from spun polypropylene which provides a stronger, softer cord which is more weather resistant. Technical Specification: Diameter 3 mm. Construction three strand

Features ✓ Natural looking ✓ Strong ✓ Soft ✓ Weather resistant **Main Uses**

Traditional looking seizings and whippings. Mini lanyards. Decorative ropework. Model boat work. See also Braided Lashing on page 12.

Historic Cord Mini Reels				prices
Diameter	length	breaking load	code	per reel
3 mm	15 m	60 kg	ROP3PPMR3	£7.75

NEON POLYESTER TRIM LINE



Neon Polyester Trim Line Mini Reels Useful highly decorative polyester reels made with a core and 16 plait cover to provide a strong firm round construction multi functional line.

Technical Specification: Diameter 3 mm. Breaking load: 185 kg. Construction 16 plait cover with core.

Features: ✓ Highly decorative neon colours ✓ Strong and abrasion resistant ✓ Multi functional **Main Uses** Mini lanyards. Control lines on spin poles etc. Lashing lines. Decorative ropework. Dinghy lines.

Please replace the **X** with the desired colour code shown beside the reels on the picture.

Neon Trim Line Mini Reels	code	price
Length	breaking load	per reel
20 m	185 kg	ROPBPESTL3X
		£7.95

DYNEEMA D PRO MINI REELS



Dyneema D-Pro Mini Reels High tech performance lines made from Dyneema in assorted colours. See also Black Dyneema D-Pro on page 13

Technical Specification: Diameter 3 mm. Breaking load: 950 kg. Construction 12 plait.

Features ✓ Very strong ✓ Virtually no stretch ✓ Easy to splice ✓ Abrasion and UV resistant

Main Uses High performance dinghy lines. Control cables. Mousing lines. Please replace the **X** with the desired colour code: Black=N, Pinky Red=R, White=W, Blue=B, Yellow=Y

Dyneema D-Pro Mini Reels	code	prices
Length	breaking load	per reel
15 m	950 kg	ROP12DYMR3X
		£18.11

BRAIDED POLYESTER MINI REELS



Braided Polyester Mini Reels Handy high strength polyester lines which are, and will always remain, very flexible. Technical Specification: Diameter 2 and 3 mm. Construction 8 plait.

Features ✓ Strong flexible line ✓ Economical ✓ Abrasion and UV resistant **Main Uses** Lashing lines. Mini lanyards. Decorative ropework.

Please replace the **X** with the desired colour code: Black=N, Red=R, White=W, Blue=B, Yellow=Y, Green=V

Braided Polyester Mini Reels				code	prices
Diameter	length	breaking load			per reel
2 mm	30 m	91 kg	ROPBPESMR2X		£6.95
3 mm	15 m	152 kg	ROPBPESMR3X		£6.95

MATT POLYESTER CORD



Matt Black and White Polyester Cords These are useful cords which have less stretch than nylon and due to the matt finish they hold knots perfectly. Excellent UV and abrasion resistance.

Technical Specification: Conformity EN697

Features ✓ Pure black or white soft matt finish. ✓ Strong and durable.

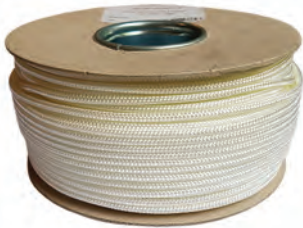
Main Uses Lashings for rigging, guardrails and jackstays. Lacing. Securing loose deck items such as spinnaker poles, anchors etc. Lanyards for knives and tools. Wrapping around pushpit and pulpit rails to avoid glare from navigation lights. Flag halyards. Exhibition hanging. For larger diameters and other colours see page 10

Matt Black and White Polyester Cords prices

Diameter	break load	code black/white	reel length	1 - 9 m	10 - reel	reel +
3 mm	110 kg	ROPBPES3N/W	100 m	£0.60	£0.48	£0.42
4 mm	170 kg	ROPBPES4N/W	100 m	£0.62	£0.49	£0.43
5 mm	300 kg	ROPBPES5N/W	100 m	£0.65	£0.52	£0.45

Made in Germany.

HIGH STRENGTH POLYESTER BLIND CORDS



Black and White High Strength Polyester Cords These are very firm solid round cords with low stretch and great strength. As the name suggests they are often used as blind cords partly due to their great resilience to UV

degradation. Technical Specification: 16 plait cross braided with core 100% polyester

Features ✓ Firm round strong cord ✓ Great UV resistance ✓ Extra strong **Main Uses** Blind cords. Lacing. Flag halyards. Drum skin tensioning. Small control lines. Starter cords. Industrial applications. Also used as paracord.

High Strength Polyester Cords prices

Colour	diameter	break load	code	reel length	1 - 9 m	10 - reel	reel +
White	3.5 mm	400 kg	ROPBPES35W	100 m	£0.47	£0.31	£0.25
Black	3.5 mm	400 kg	ROPBPES35N	100 m	£0.54	£0.36	£0.29

Made in England.

See also Herkules 4, 5 and 6 mm Classic Cords on page 11

For whipping twine see page 26

ONE WRAP



One Wrap Is a hook and loop fastener that is double sided so it will stick to itself. Cut it to any length to make reusable ties. **Features** ✓ Cut a length to match your task ✓ Very strong in shear yet easy to peel apart ✓ Avoid messy tape residue

Main Uses Use it to compress folded sails. Sort out messy coils of rope or hose. Secure delicate aerial and data cables rather than using brutal cable ties.

One Wrap	code	prices	
Width		per metre	per 25 m
16 mm	ROP244	£1.36	£29.08
20 mm	ROP245	£1.56	£32.14
25 mm	ROP246	£1.63	£35.50

NYLON CORD



Black and White Nylon Cords These strong cords are useful for lacing and lashing. When under high loads they will tend to stretch. Consider Matt Polyester Cord or Dyneema if stretch poses a problem.

Technical Specification: Construction 8 plait polyamide.

Features ✓ Strong ✓ Shock absorbing ✓ Economical

Main Uses Lashings for rigging, guardrails and jackstays. Lacing. Securing loose deck items such as spinnaker poles, anchors etc. Lanyards for knives and tools. Flag halyards. Exhibition hanging.

White Nylon Cords prices

Diameter	dry break load	code	reel length	1 - 9 m	10 - reel	reel +
1 mm	35 kg	ROPBPA1W	100 m	£0.17	£0.14	£0.09
1.5 mm	40 kg	ROPBPA15W	100 m	£0.22	£0.18	£0.12
2 mm	100 kg	ROPBPA2W	100 m	£0.25	£0.21	£0.13
2.5 mm	140 kg	ROPBPA25W	100 m	£0.28	£0.23	£0.15
3 mm	180 kg	ROPBPA3W	100 m	£0.35	£0.29	£0.19
3.5 mm	260 kg	ROPBPA35W	100 m	£0.41	£0.34	£0.22
4 mm	340 kg	ROPBPA4W	100 m	£0.43	£0.36	£0.23
5 mm	550 kg	ROPBPA5W	100 m	£0.68	£0.56	£0.36

Black Nylon Cords prices

Diameter	dry break load	code	reel length	1 - 9 m	10 - reel	reel +
1 mm	35 kg	ROPBPA1N	100 m	£0.19	£0.16	£0.10
1.5 mm	40 kg	ROPBPA15N	100 m	£0.23	£0.19	£0.12
2 mm	100 kg	ROPBPA2N	100 m	£0.26	£0.22	£0.14
2.5 mm	140 kg	ROPBPA25N	100 m	£0.30	£0.25	£0.16
3 mm	180 kg	ROPBPA3N	100 m	£0.37	£0.31	£0.20
3.5 mm	260 kg	ROPBPA35N	100 m	£0.42	£0.35	£0.22
4 mm	340 kg	ROPBPA4N	100 m	£0.45	£0.38	£0.24
5 mm	550 kg	ROPBPA5N	100 m	£0.69	£0.57	£0.37

Made in Germany.

PARACORD



550 Paracord Originally specified for parachutes this braided nylon cord makes a versatile general purpose line with a breaking load of 550 lb (249 kg) Technical Specification: Orange or black braided nylon 3.18 mm (1/8")

Features ✓ Bright orange or black ✓ Very strong ✓ Shock absorbing

Main Uses Lashing small loads. Camping. Rucksack lines. Clothes line. Inner strands can be used for fishing or as a dental floss.

Orange Paracord prices

Diameter	break load	code black/orange	pack length	each
3.18 mm	249 kg	ROPPC550 (N/OR)	15 m (50 ft)	£8.95

Made in China.

See also Nylon Cords on page 19

Do you enjoy decorative knotwork?

Why not take a look at the inspirational Decorative Fusion Knots on page 31?

Sewing

SPEEDY STITCHER



Speedy Stitcher Sewing Awl The Speedy Stitcher can be used to sew any heavy material such as leather or several layers of thick canvas. Use it to repair sails, tents, awnings, cloths, upholstery, shoes etc. So easy anyone can use it. Indispensable on board.

Features ✓ Easy to use ✓ Professional lock stitch ✓ Save money by repairing items **Main Uses** Any sewing task

in heavy materials. Makes a great whipping twine.

In the box: Speedy Stitcher comes with a bobbin of waxed thread, one bent needle, one straight needle and full instructions. The Speedy Stitcher Kit also has two extra needles and 180 yards of coarse thread.

For coloured threads why not use whipping twine? see page 26

Speedy Stitcher	code	list price	our price
Speedy Stitcher	TOLDAY1501	£15.71	£14.40
Speedy Stitcher Kit	TOLDAY1501K	£29.62	£22.95
Fine Thread 180 yd	ROPDAY1507		£8.94
Coarse Thread 180 yd	ROPDAY1506		£13.45
Fine Needle	TOLDAY1503		£3.78
Coarse Needle	TOLDAY1502		£3.78
Curved Needle	TOLDAY1504		£3.78
Spare Bobin	TOLDAY1505		£3.78

SEWING THREADS



SunStop Anti-Wick Thread Thread size 92 in high performance twisted multifilament polyester and treated with advanced UV protection and anti-wick. Ideal for any outdoor sail and cover repairs. The beige thread can be seen against white sail cloth so that any loose stitching can be quickly rectified. Other colours can be ordered. Technical Specification: Size 92. Needle size imperial/metric: 17-20/105/125. Average metres per spool: 2,115 m, Average tensile strength 6.58 kg.

Features ✓ Anti wicking ✓ Excellent UV resistance ✓ Fade resistant ✓ Excellent long

term strength retention **Main Uses** Any sewing task where high exposure to UV is expected.

SunStop Anti Wick Thread Beige	prices			
Length	gauge	breaking load	code	per spool
Approx 2,115 m	92	6.58 kg	ROPEY092BEG8	£27.71

DYNEEMA THREADS



Braided Dyneema Thread This very fine white three plait Dyneema line is just 0.18 mm diameter yet has a breaking load of 11.5 kg with a stretch of less than 1%! Technical Specification: Three plait Dyneema

Features ✓ Extremely fine thread ✓ Very strong with virtually no stretch ✓ Low visibility

Main Uses Strong fine sewing and seizing applications. Nearly invisible

suspension and trick lines.

Braided Dyneema Thread	prices					
Diameter	break load	code	reel length	1 - 9 m	10 - reel	reel +
0.18 mm	11.5 kg	ROPBDY018	500 m	£0.11	£0.09	£0.06

Made in Germany.

Webbing

POLYESTER WEBBING



Polyester Webbing A range of strong polyester webbing which is suitable for wide variety uses on board. Polyester has less stretch than nylon and maintains its strength when wet.

Features ✓ Strong ✓ Low Stretch ✓ Excellent UV Resistance

Main Uses Jackstays*. Securing loads. Belts and handles. Reinforcing canopies and awnings. *RORC specifies a MBL of 20kN (2,040 kgf)

Polyester Webbing				prices	
Width	colour	breaking load	code	per m	per 50 m
25 mm	White	3,000 kg	ROPJSWW50	£1.87	£70.20
Width	colour	breaking load	code	per m	per 100 m
25 mm	White	2,000 kg	ROPT741A	£1.25	£85.00
25 mm	White	1,500 kg	ROPPW25W	£1.06	£81.63
25 mm	Black	1,500 kg	ROPPW25	£1.06	£81.63
25 mm	Blue	1,300 kg	ROP5042012	£0.70	£38.40
25 mm	Orange	1,300 kg	ROP5042021	£0.70	£38.40
25 mm	Red/Pink	1,300 kg	ROP5042014	£0.70	£38.40
38 mm	Black	3,000 kg	ROPPW38	£1.63	£114.00
38 mm	White	3,000 kg	ROPPW38W	£1.63	£114.00
50 mm	Black	5,000 kg	ROPPW50	£1.80	£119.40
50 mm	White	5,000 kg	ROPPW50W	£1.80	£119.40

RATCHET STRAPS



Ratchet Straps These are very well made straps with a comfortable rubberised handle design. We think they are the best ones around and at a

great price. Technical Specification: Breaking strain 50 mm = 5,000 kg, Breaking strain 25 mm = 1,500 kg.

Features ✓ Strong ✓ Easy to use comfortable handle **Main Uses** Securing loads to trailers and racks.

Ratchet Straps					each
Length	Webbing width	break load	end fitting	code	
8 m	25 mm	1,500 kg	endless	ROPRS25RE	£7.92
8 m	25 mm	1,500 kg	Claw hooks	ROPRS25RC	£8.24
8 m	25 mm	1,500 kg	Delta ring	ROPRS25RD	£8.24
8 m	50 mm	5,000 kg	endless	ROPRS50RE	£15.10
8 m	50 mm	5,000 kg	Claw hooks	ROPRS50RC	£17.60
8 m	50 mm	5,000 kg	Delta ring	ROPRS50RD	£17.60

MINI WEBBING STRAPS



Mini Webbing Straps A variety of strong polyester straps which are perfect for securing Jerry Cans and smaller loads around the boat. 25 mm wide webbing supplied with an adjustable buckle.

Mini Webbing Straps			price
Length	colour	code	
1 m	Black	ROPAK1001	£2.03
1.5 m	Yellow	ROPAK1002	£3.18
2 m	Red	ROPAK1003	£3.18
2.5 m	Blue	ROPAK1004	£3.50
3.5 m	Orange	ROPAK1005	£3.81

Webbing Accessories and Shock Cord

WEBBING BRIDGES



Webbing Bridges Neat stainless steel bridges to hold webbing in place.

Webbing Bridges	code	price
For 25 mm webbing	ROP0596	£1.14
For 40 mm webbing	ROP0597	£1.56
For 50 mm webbing	ROP0598	£1.86

BUCKLES



Sliding Bar Buckles For securing webbing straps. The frame is stainless steel and the sliding bar is aluminium.

Sliding Bar Buckles	code	price
For 25 - 30 mm webbing	ROP0672	£8.46
For 40 mm webbing	ROP0676	£8.68
For 50 mm webbing	ROP0680	£9.28



Quick Release Buckles
Options of "side squeeze" or "top squeeze"

Quick Release Buckles	webbing size	approx breaking load	code	price each
Side Squeeze	25 - 30 mm	97 kg	ROP513K	£0.96
Side Squeeze	40 mm	N/A	ROP0376	£1.06
Top Squeeze	40 mm	300 kg	ROP1958	£8.82
Top Squeeze	50 mm	300 kg	ROP1960	£9.94



Stainless Steel Flat Buckles

Options of three widths.



Stainless Steel Flat Buckles		price
Webbing size	code	each
25 mm	ROP0668	£1.42
40 mm	ROP0810	£4.04
50 mm	ROP0684	£4.70

SEDDON LINKS



Seddon Link A useful webbing attachment device which can be very quickly fitted or removed and will provide a strong attachment point for lanyards or sheet blocks. They will fit around 48 mm tube (size 8 scaffolding). Technical Specification: WLL 500 kg. 316 grade stainless steel fittings.

Seddon Links	fits tube diameter	code	price each
Webbing width 25 mm	48 mm	ROP0806	£22.22

See also sewn slings on page 24

**Why not visit our shop?
We are open 7 days a week and
until 8 pm on Thursdays!**

SMALL COLOURED SHOCKCORDS



Small Coloured Shock Cords Made to the same specification as the shock cords described below but this time made in bright pure colours specially for us. Technical Specification: 100% natural latex rubber core with a 12 plait braided polyester cover. Extension 100%

Features ✓ Highly decorative solid colours ✓ Top quality manufacture

Main Uses As practical and useful as any shock cord but ideal where co-ordinated appearance is important. Triathlon shoelaces.

Substitute X for the appropriate colour code: Red=R, Blue=B, Orange=OR, Yellow=Y

Small Coloured Shock Cords		prices per metre			
Diameter	codes	reel length	1 - 9 m	10 - reel	reel +
3 mm	ROPSC37X	50 m	£0.70	£0.50	£0.30
4 mm	ROPSC47X	50 m	£0.80	£0.57	£0.34

Made in England.

BLACK AND WHITE SHOCKCORD



Black and White Shock Cords Often referred to as bungee cords. Our highly elastic shock cords are made with a polyester braided cover to protect the latex rubber core. Polyester is very UV and abrasion resistant so it will help to provide a longer lasting product than cords with polypropylene or nylon covers. In general you can expect a shockcord to stretch to up to twice its original length at maximum tension. Rubber deteriorates over time but you should expect 5-10 years useful life from our bungee lines. Technical Specification: 100% natural latex rubber core with a braided polyester cover. 3-4 mm - 12 plait, 5-6 mm - 16 plait, 7-10 mm 24 plait and 12 mm 32 plait. Extension 100%

Features ✓ Long lasting polyester cover ✓ Solid Colours ✓ Top quality manufacture

Main Uses Temporary securing of items. Tricing lines. Topping lift tensioners. Preventer sling storage. Anti-rattle devices. Door and hatch closers. Exercise bands. Shock absorbing. Take-up systems. Making shockcord accessories for securing sails and covers, biminis, spray hoods and sail shades. Making sail ties and ball loops.

Black and White Shock Cords		prices per metre			
Diameter	code black/white	reel length	1 - 9 m	10 - reel	reel +
3 mm	ROPSC3N/W	100 m	£0.50	£0.42	£0.22
4 mm	ROPSC4N/W	100 m	£0.63	£0.53	£0.27
5 mm	ROPSC5N/W	100 m	£0.77	£0.64	£0.33
6 mm	ROPSC6N/W	100 m	£1.11	£0.93	£0.48
7 mm	ROPSC7N/W	100 m	£1.27	£1.05	£0.55
8 mm	ROPSC8N/W	100 m	£1.67	£1.39	£0.72
10 mm	ROPSC10N/W	100 m	£2.46	£2.05	£1.07
12 mm	ROPSC12N/W	100 m	£2.68	£2.24	£1.16

Made in England.

SHOCK CORD ACCESSORIES

Take Care

Please take care with shock cord accessories to ensure they don't whip back at you. Try to avoid using them under very high tension and work away from your face.



Spanfixes - Shock Cord Loops These loops of 5 mm shock cord with a nylon hook at one end are hugely popular for stretching and securing boat covers, awnings, sun shades, wind scoops and biminis. They will clip securely onto 4 mm guard rail wires or can wrap and clip to themselves. The elastic will exert a constant tension preventing flapping cloth even under variable heat, humidity and weather conditions. They will stretch by 100% [+/-10%]. Technical Specification: Length 10" (250 mm), Shock cord diameter 5 mm. Colours black or white.

Features ✓ Quick to deploy ✓ Prevents noisy flapping covers
Main Uses Fastening wide variety of cloth covers

Spanfixes - Shock Cord Loops		prices each		
Colour	code	each	10 - 99	100 +
Black	ROP090	£1.29	£1.08	£0.97
White	ROP090W	£1.29	£1.08	£0.97



Spaniflex - Adjustable Shock Cord Loops These 500

mm lengths of 5 mm shock cord can be quickly adjusted to form a loop of 200 mm length or less. They can be reused at different lengths by snapping out the cord or, to form a neat permanent loop, the tail can be trimmed off. They will stretch by 100% [+/-10%]. Technical Specification: Length 500 mm (loop 200 mm), Shock cord diameter 5 mm. Colours black or white.

Features ✓ Quick to adjust ✓ Tail can be trimmed to make a neat loop. **Main Uses** Fastening awnings and loose items

Spaniflex - Adjustable Shock Cord Loops		prices each	
Colour	code	1-9	10 +
Black	ROP090S	£1.49	£1.24



Quick Clips Make your own shock cord assemblies with these handy Quick Clips. Simply tie a stopper knot to secure one end and the other end can be fastened with the quick grip jaws.

Quick Clips			price
Suits cord diameter	black code	white code	each
4-6 mm	ROPQC46N	ROPQC46W	£0.85
6-8 mm	ROPQC68N	ROPQC68W	£0.96



Collar Clips This type of bungee clip has a neat collar which pushes two jaws into the bungee to secure it in place. Available for two diameters. Black only.

Quick Clips		price
Suits cord diameter	code	each
5-6 mm	ROP081	£0.88
7-8 mm	ROP083	£1.02



Shock Cord Assemblies Premade shock cord assemblies with strong nylon hook ends. Ideal for securing items such as water carriers or for securing halyard tails to the mast in stormy weather.

Shock Cord Assemblies			price
Length	cord diameter	code	pack of 4
300 mm	6 mm	ROPQ006025	£5.34
500 mm	8 mm	ROPQ006050	£9.53



Shock Cord Sail Fasteners 4 mm polyester covered rubber shockcord with plastic balls to secure loose sails etc. Try to choose a length which doesn't require maximum stretching as they can be quite viscous if they slip out of your hand. See also webbing sail ties on page 24

Shock Cord Sail Fasteners			price
Length	cord diameter	code	pack of 4
300 mm	4 mm	ROPQ003381	£5.16
400 mm	4 mm	ROPQ003382	£5.58
500 mm	4 mm	ROPQ003383	£6.14



Ball Loops An excellent way to secure awnings and covers when used in conjunction with lacing hooks. Just push the loop through the eyelet on your cover and stretch over the hook.

Ball Loops		prices each	
Length	code	each	per 25
75 mm	ROPBL75	£0.72	£13.50
100 mm	ROPBL100	£0.84	£15.75
150 mm	ROPBL150	£0.96	£18.00
Lacing Hooks Brass	TIM17800B	£2.92	£55.00
Lacing Hooks Chrome	TIM17800C	£2.92	£55.00

Ball Stops



A selection of balls stops which are counterbored to take a stopper knot. The variety of colours makes them useful to

identify control lines. Sometimes incorrectly referred to as Parrel Beads - please see our website. Please replace the X with the desired colour code: Black=N, Red=R, White=W, Blue=B, Yellow=Y, Green=V

Ball Stops			price
Diameter	max rope size	code	each
17 mm	5 mm	ROP2531X	£0.32
22 mm	6 mm	ROP2535X	£0.46
32 mm	7 mm	ROP2536X	£0.72
44 mm	11 mm	ROP2546X	£1.70

Everything in the rope catalogue and much more can be purchased online
arthurbeale.co.uk

Netting

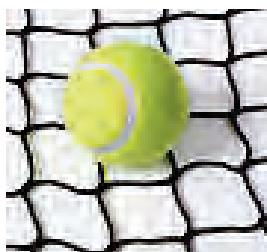
NETTING



Guard Rail Netting A strong knotted white nylon netting designed for fixing to yachts guard rails to prevent small children and sails from going overboard. Tip - measure the distance the netting needs to run fore and aft and then allow an additional 25%. This allows for take up in the length caused by the drop on standard stanchions

(610 mm) Technical Specification: Knotted construction. Nylon. Hole size: 50 mm knot to knot. Material 1.5 mm.

Guardrail Netting			prices	
Width opened	colour	code	per m	per 100 m
610 mm	White	ROPFAA009	£2.18	£197.00



Racking Netting A heavy knotless netting which can be used for many purposes such as preventing objects falling from racking. It also makes a good decorative net for theming areas.

Technical Specification: Knotless construction. Polypropylene. Hole size: 45 mm. Material 3 mm.

Racking Netting			prices	
Width opened	colour	code	per m	per 10 m
1 m	Black	ROPN345N	£5.00	£43.00
1 m	Stone	ROPN345	£5.00	£43.00

NEW



Locker Netting A strong knotted nylon netting with smaller holes ideally suited for making small fruit hammocks or for preventing small objects falling from shelves or escaping from lockers into the bilge. This soft netting will not damage fruit and ensures good ventilation.

Technical Specification: Knotted construction. Nylon. Hole size: 20 mm. Material approx 1 mm. Width: 2 m. Twine type 210/30

Fine Netting			prices per linear metre	
Width opened	colour	code	per m	per 25 m
2 m	White	ROP21030	£7.20	£135.00



Netting Needles If none of our nets suit your requirements and you have a bit of time on your hands then why not make your own? The technique is clearly explained in Des Pawson's Handbook of Knots (see page 32).

Netting Needles			prices
Type	Length	code	each
Large	236 mm (10")	ROP100202	£3.67
Small	150 mm (6")	ROP100204	£1.60



Ready Made Lines

DOCK LINES



Docklines These pre-made docklines are constructed with a special twist construction to provide a working stretch in excess of 15%. The 100% polyester construction ensures a long life without the stiffening associated with nylon lines. Each rope has a 400 mm long eye splice on one end. Supplied in a handy mesh bag.

Technical Specification: 100% Polyester special twist construction. 20 plait polyester cover.

Features ✓ Easy to handle ✓ High strength and excellent UV

resistance ✓ Excellent abrasion resistance **Main Uses** Mooring

Docklines						price
Length	colour	diameter	breaking load	code	each	
10 m	Navy	12 mm	2,320 kg	ROPDL1012B	£29.06	
10 m	Navy	14 mm	2,960 kg	ROPDL1014B	£35.48	

Don't forget we can make up mooring lines for you from your rope of choice from this catalogue - see page 25.

NARROW BOAT LINES



Narrow Boat Lines After lengthy discussions with experienced narrow boaters we have come to the conclusion that a 10 m line is generally the most useful length for a centre line and although perhaps slightly longer than needed for bow and stern lines it does no harm as occasionally shore cleats can be a little further away than hoped. The polyester rope will sink but

it throws really well, it is stronger, and will last slightly longer than the polypropylene rope. If you are worried about ropes getting snarled around the prop then chose the floating polypropylene rope. The soft eyes are smaller than most yacht mooring lines at 200 mm to suit most narrow boat cleats. We feel 14 mm is a decent size for the smaller narrow boats but 16 mm more suitable for larger vessels See also anti chafe tube on page 24 Technical Specification: 10 m long x 14 or 16 mm diameter with 200 mm long soft splice and sewn whipping end. Either floating polypropylene or polyester.

Main Uses Centre lines, Bow and stern lines

Narrow Boat Lines						price
Length	colour	material	diameter	BL	code	each
10 m	Biege	Polypropylene	14 mm	1,740 kg	ROPNBPP14	£19.35
10 m	Black	Polyester	14 mm	3,400 kg	ROPNBPES14	£36.32
10 m	Biege	Polypropylene	16 mm	2,180 kg	ROPNBPP16	£21.45
10 m	Black	Polyester	16 mm	5,000 kg	ROPNBPES16	£46.93

Other sizes and lengths can easily and quickly be made to order.



Mooring Pins and Piling Hooks Tough mooring pins generally used by river boats for securing to the bank but also useful for cruising

yachts heading to non tidal areas. Handy to secure large tents and marquees too. Plus piling hooks. Technical Specification: Galvanised steel. Pin length 610 mm (2ft).

Mooring Pin	code	price
Mooring Pin	AFN59003	£11.28
Club Hammer (1.25 kg)	TOLSTA154923	£20.86
Piling Hook	AFN59011	£8.23

WEIGHTED ANCHOR WARPS



Liros Handy Anchor These handy lines are weighted with lead for the first 10 m to improve the catenary when anchoring. They can be used without any chain and make a brilliant compact kedge or day anchor line when combined with a lightweight Fortress or Guardian Anchor (see our website). Fitted with a stainless steel eye

one end and supplied in a handy kit bag. Technical Specification: Polyester 20 plait with lead weighting in first 10 m.

Features ✓ Super easy to handle ✓ Excellent abrasion resistance ✓ Very easy to stow

Main Uses Day or kedge anchor line

Docklines						price
Length	colour	diameter	breaking load	wt	code	each
30 m	White Blue	10 mm	1,500 kg	4.15 kg	ROPHA1030	£92.00
30 m	White Blue	12 mm	2,200 kg	5 kg	ROPHA1230	£104.00
40 m	White Blue	14 mm	3,100 kg	8.5 kg	ROPHA1440	£142.00

FENDER LINES



Polyester Fender Lines Pre-made with a soft eye splice one end in long lasting three strand polyester line. Normally the splice is fed through the eye of the fender and choked onto the tail but we can splice the ropes directly to your fenders should you prefer.

The tail is heat sealed but we can put on a sewn whipping for an additional £2.00. See our website for fenders. Technical Specification: 8 mm polyester three strand 1.5 m long with approx. 100 mm soft eye one end.

Main Uses Fenders, lee cloths, sail ties and lashing lines

Fender lines					price
Length	colour	diameter	code	each	
1.5 m	White	8 mm	ROPFEND15W	£3.71	
1.5 m	Black	8 mm	ROPFEND15N	£3.71	

Other sizes and lengths can easily and quickly be made to order.

Please phone with your requirements.

PLASTIDIP



Plastidip Dip the ends of your ropes in Plastidip and it leaves them with a comfortable grippy feel. Try it on zip pulls and battle ropes. Made from synthetic rubber it can also be used on metal, wood, glass, rubber, and fibre glass. It prevents corrosion, slip-proofs treads, and adds grip to tools. The clear Plastidip can even be successfully used to weatherproof paper charts!

Plastidip				price
Colour	size	code	each	
Clear	250 ml	PATPD25CR	£8.99	
Black	250 ml	PATPD25BK	£8.99	
Clear	750 ml	PATPDL7CR	£23.94	
Black	250 ml	PATPDL7BK	£23.94	

WEBBING SAIL TIES



Webbing Sail Ties Economical 2 m long white webbing ties with a sewn eye one end. Ideal for securing sails as the webbing is less likely to crease the sails than shockcord or rope.

Webbing Sail Ties				prices each	
Length	colour	width	code	1-9	per 10
2 m	White	25 mm	ROPST2W	£2.20	£1.89

SEWN CLIMBING SLINGS



Sewn Slings These strong sewn slings in Nylon or Dyneema provide an economical quick and strong temporary fixing for pulleys etc. They can be quickly slung over a boom to attach rescue tackle (see the Jag System on page 30). Supplied with user instruction sheet. CE marked. EN 566. Breaking loads given are "when new".

Sewn Climbing Slings - Nylon						price
EWL	circumference	width	MBL	code	each	
200 mm	400 mm	18 mm	2,549 kgf	ROPLSL18020	£3.80	
300 mm	600 mm	18 mm	2,549 kgf	ROPLSL18030	£4.00	
600 mm	1,200 mm	18 mm	2,549 kgf	ROPLSL18060	£4.70	
300 mm	600 mm	25 mm	3,059 kgf	ROPLSL25030	£4.10	
600 mm	1,200 mm	25 mm	3,059 kgf	ROPLSL25060	£4.85	
1,200 mm	2,400 mm	25 mm	3,059 kgf	ROPLSL25120	£6.35	

Sewn Climbing Slings - Dyneema						price
EWL	circumference	width	MBL	code	each	
300 mm	600 mm	15 mm	2,243 kgf	ROPLSD030	£5.20	
600 mm	1,200 mm	15 mm	2,243 kgf	ROPLSD060	£6.68	

CHAFE GUARD



Anti-Chafe Very tough reinforced tubing which can either be

incorporated into soft eye splices (see also leather on page 27) or slid along a rope to the desired position and secured with some polyester cord. This could not only prolong the service life of your mooring warps but it could save your boat from coming adrift.

Technical Specification: Industrial firehose material

Main Uses Protecting mooring lines from chafe.

Anti-Chafe			price
Diameter	code	per metre	
38 mm	ROPAC38	£9.18	
51 mm	ROPAC51	£9.86	

We are happy to sell shorter lengths at pro-rata prices



Canvas Rope Protectors A very useful accessory to extend the life of your mooring warps. It will work on any rope diameter up to 32 mm. There is a cord to tie it onto the rope to prevent it from moving. Velcro strips on either side fasten it securely.

Main Uses Protecting mooring lines from chafe.

Anti-Chafe			price
Length	code	per metre	
500 mm long	ROPCEP500	£14.50	
1 m long	ROPCEP1	£20.50	

Splicing Service

Splicing Service

Arthur Beale can supply all our ropes finished to your specification. We are happy to incorporate your existing fittings into new ropes. Sadly we are not able to splice ropes not supplied by Arthur Beale as we have found some types of rope to be rather troublesome. Don't forget we are also able to carry out decorative ropework not shown on this page. We are also able to terminate wire ropes with roll swaged or ferrule secured eyes. Please phone for details - 020 7836 9034

THREE AND FOUR STRAND SPLICING



Soft Eye with frayed tails



Thimble Eye with melted tails - artificial ropes only.



Thimble (Hard) Eye with whipped tails.

Three and Four Strand Rope Splicing Unless instructed otherwise we splice in accordance with Lifting Equipment Engineers Associations recommendations of four full tucks in natural fibre rope and five full tucks in artificial ropes. Ropes in excess of 16 mm diameter will have a further taper tuck using at least 50% of the yarn. The finish of the tails is largely a matter of personal choice. They can be decoratively frayed or whipped, or in the case of artificial ropes they can be neatly cut flush and fused with a hot knife. Soft eyes can be leathered - price on application.

Three and Four Strand Splicing			prices each	
Splice type	tail finish	rope diameter	code	each
Soft Eye	Frayed or melted	3-8 mm	ROPSERV	£4.00
Soft Eye	Frayed or melted	10-16 mm	ROPSERV	£6.00
Soft Eye	Frayed or melted	18 mm plus	ROPSERV	£8.00
Soft Eye	Whipped	10-16 mm	ROPSERV	£8.00
Soft Eye	Whipped	18 mm plus	ROPSERV	£12.00

Thimble Eye*	Frayed or melted	3-8 mm	ROPSERV	£5.00
Thimble Eye*	Frayed or melted	10-16 mm	ROPSERV	£7.00
Thimble Eye*	Frayed or melted	18 mm plus	ROPSERV	£9.00
Thimble Eye*	Whipped	10-16 mm	ROPSERV	£11.00
Thimble Eye*	Whipped	18 mm plus	ROPSERV	£13.00

*Plus the cost of the thimble. See opposite page

We can also splice rope to chain and terminate wire ropes. Please inquire regarding prices.



Ferrule Secured Eye (Talurit)



Roll Swaged Toggle Fork

BRAIDED ROPE SPLICING



Thimble (Hard) Eye



Soft Eye with Wichard snap

Braided Rope Splicing Splicing braided ropes takes more time and effort than three strand ropes. We can incorporate a wide variety of fittings from our stock into the splice or we are happy to use your fittings.

Braided Rope Splicing		prices each	
Splice type	rope diameter	code	each
Soft Eye	6-12 mm	ROPSERV	£10.00
Soft Eye	14-20 mm	ROPSERV	£12.00
Thimble Eye*	6-12 mm	ROPSERV	£11.00
Thimble Eye*	14-20 mm	ROPSERV	£13.00
Continuous loop	6-20 mm	ROPSERV	£10.00

*Plus the cost of the thimble. See opposite page

12 STRAND DYNEEMA AND TECHNORA ROPE SPLICING



12 strand splice around a high load eye one end and soft eye at the other end

12 Strand Rope Splicing

These ropes normally have poor knot holding and are considerably weakened by any knot. Splicing is always the preferred option with 12 strand lines. They are quick to splice and the results are strong. We can incorporate a wide variety of fittings from our stock into the splice or we are happy to use your fittings.

12 Strand Rope Splicing (Dyneema and Technora)			prices each
Splice type	rope diameter	code	each
Soft Eye	all sizes	ROPSERV	£6.00
Thimble Eye*	all sizes	ROPSERV	£7.00

*Plus the cost of the thimble or High Load Eye. See overleaf for prices

WHIPPINGS AND HEATSHRINKS



Sewn Whipping



Common Whipping



Heatshrink

Whippings and Heatshrinks Cut lengths of rope will normally be supplied with either heat sealed or taped ends. However ideally they should be finished off with a whipping or heatshrink. The sewn whipping will not come loose and is the best choice but a common whipping will suffice for a few seasons. Our heatshrinks are secured with hot hett glue so they will not shake loose.

Whippings and Heatshrinks		all codes ROPSERV		prices
Rope diameter	sewn whipping	common whipping	heatshrink glued	
3-12 mm	£2.00	£1.00		£0.50
14-20 mm	£2.50	£1.50		£0.70
22-24 mm	£3.50	£2.00		£0.90
32-36 mm	£5.00	N/A		£2.00
48-64 mm	£10.00	N/A		N/A

THIMBLES



Stainless Steel Thimbles We stock these heavy pattern Blue Wave* thimbles which are recognised worldwide for their supreme quality. With the ever increasing strength of modern ropes it is important to ensure the thimble is up to the job. If, for a specific job, you prefer a lighter pattern please enquire as our stocks are quite extensive. *The 1.5 mm thimble

is not Blue Wave. Technical Specification: Stainless steel AISI 316

Features ✓ Stronger than many thimbles ✓ Excellent finish.

Stainless Steel Thimbles				code	each
Rope size	int. width	int. length	mat.thk		
1.5 mm	7 mm	12 mm	0.8 mm	WIRSSWRT02	£0.16
2 mm	9 mm	16 mm	1.0 mm	WIRBW110002	£0.30
3 mm	10 mm	17 mm	1.0 mm	WIRBW110003	£0.37
4 mm	11 mm	19 mm	1.35 mm	WIRBW110004	£0.55
5 mm	13 mm	21 mm	1.2 mm	WIRBW110005	£0.58
6 mm	15 mm	27 mm	1.5 mm	WIRBW110006	£0.64
8 mm	22 mm	38 mm	2.0 mm	WIRBW110008	£1.84
10 mm	24 mm	43 mm	2.0 mm	WIRBW110010	£3.41
12 mm	29 mm	52 mm	2.7 mm	WIRBW110012	£3.96
14 mm	33 mm	57 mm	3.0 mm	WIRBW110014	£4.85
16 mm	40 mm	67 mm	3.0 mm	WIRBW110016	£5.22
18 mm	45 mm	75 mm	4.0 mm	WIRBW110018	£13.81
20 mm	52 mm	84 mm	4.0 mm	WIRBW110020	£16.57
22 mm	56 mm	93 mm	5.0 mm	WIRBW110022	£20.96



Hot Dipped Galvanized Thimbles

Ideal for use with traditional cordage and much more economical than stainless steel thimbles especially in the larger sizes.

Technical Specification: Hot dipped galvanized.

Conformity BS464 **Main Uses** Traditional rope thimble eyes.

Hot dipped galvanized thimbles				code	each
Rope size	int. width	int. length			
8 mm	22 mm	33 mm		WIR130	£0.31
10 mm	25 mm	38 mm		WIR131	£0.38
12-13 mm	32 mm	44 mm		WIR132	£0.56
16 mm	41 mm	59 mm		WIR134	£1.10
19-20 mm	51 mm	73 mm		WIR135	£2.00
22 mm	57 mm	82 mm		WIR136	£2.50
24-26 mm	70 mm	108 mm		WIR137	£3.92



Nylon Fibre Rope Thimbles A much lighter and quieter option than steel thimbles. Less liable to cause damage or injury on impact.

Main Uses Where weight and noise are important.

Nylon thimbles				code	each
Rope size	int. width	int. length	mat. thk		
4 mm	11 mm	20 mm	1.2 mm	WIRED800004	£0.50
5 mm	13 mm	21 mm	1.2 mm	WIRED800005	£0.67
6 mm	15 mm	27 mm	1.5 mm	WIRED800006	£0.74
8 mm	22 mm	38 mm	2.7 mm	WIRED800008	£0.78
10 mm	27 mm	48 mm	3 mm	WIRED800010	£0.88
12 mm	29 mm	53 mm	3 mm	WIRED800012	£0.96
14 mm	32 mm	57 mm	3 mm	WIRED800014	£1.03
16 mm	40 mm	67 mm	3 mm	WIRED800016	£1.71
18 mm	45 mm	75 mm	4 mm	WIRED800018	£1.91
20 mm	50 mm	80 mm	4 mm	WIRED800020	£3.40

HIGH LOAD EYES



Barton High Load Eyes Manufactured from marinegrade aluminium and finished in Barton's unique hard "Spectro" grey anodising. When used in conjunction with a Dyneema or Technora loop they make powerful Barber Haulers or brailing devices with minimal weight. They can also be used as purchase blocks for tensioning.

Technical Specification: Stainless steel AISI 316

Features ✓ Strong ✓ Low friction ✓ Light weight

High Load Eyes					code	each
external Ø	rope groove	bore Ø	wt	WLL		
12 mm	3 mm	6 mm	0.8 g	300 kg	PUL60449	£10.72
18 mm	4 mm	9 mm	3.0 g	550 kg	PUL60450	£10.72
26 mm	6 mm	12 mm	5.0 g	800 kg	PUL60451	£10.72
38 mm	10 mm	16 mm	24 g	1,800 kg	PUL60452	£10.72
52 mm	12 mm	22 mm	52 g	3,300 kg	PUL60453	£15.36
65 mm	16 mm	28 mm	104 g	4,500 kg	PUL60454	£20.77

Please ask if you would like us to add Dyneema stops to these eyes.

WHIPPING TWINE



Marlow Whipping Twine This waxed polyester whipping twine is generally regarded as the best on the market.

Features ✓ Strong ✓ Waxed finish ✓ Variety of colours

Main Uses Sewing, whipping and seizing

Marlow Whipping Twine				Code	each
Number	diameter	break load	colour		reel length
No2	0.5 mm	9 kg	white	ROPWT2W	92 m £4.95
No4	0.8 mm	18 kg	white	ROPWT4W	41 m £4.95
No4	0.8 mm	18 kg	red	ROPWT4R	41 m £5.75
No4	0.8 mm	18 kg	blue	ROPWT4B	41 m £5.75
No4	0.8 mm	18 kg	black	ROPWT4N	41 m £5.75
No4	0.8 mm	18 kg	green	ROPWT4V	41 m £5.75
No4	0.8 mm	18 kg	gold	ROPWT4GD	41 m £5.75
No4	0.8 mm	18 kg	beige	ROPWT4C	41 m £5.75
No8	1.1 mm	36 kg	white	ROPWT8W	23 m £4.95
No16	1.5 mm	68 kg	white	ROPWT16W	12 m £4.95

For an alternative beige colour whipping twine which is slightly less "pink" see the Speedy Stitcher Waxed Threads on page 20.

See page 20 for sewing kit and see overleaf for needles

Splicing Accessories

TRADITIONAL SPLICING TOOLS



Swedish Fids Good on our friends in Sweden for coming up with these clever fids. They are probably the most used tool for splicing traditional ropes. They open up the rope and provide a channel to feed the strand through. Particularly useful for splicing pre-stretched and hard lay three strand ropes.

Swedish Fids			price
Length	ideal for rope diameters	code	each
170 mm	6 - 12 mm	ROPES63220	£9.70
280 mm	10 - 18 mm	ROPES63221	£11.84
380 mm	18+ mm	ROPES63222	£22.91



Marline Spike A solid steel spike for opening up ropes, untying knots and for tensioning marline by using a marlinespike hitch.

Marline Spike			price
Length		code	each
150 mm		ROP212	£12.60
250 mm		ROP213	£14.98



Other Spikes and Shackle Keys The chromed brass Easy Splice gives plenty of leverage with its wide handle. The Currey Spike stows away neatly in sheaves and is great for smaller diameter ropes. The Wichard is small enough to keep in a pocket whilst out sailing and is well rounded so it won't cause harm. It also has a bottle opener which could well be its raison d'être.

Other Spikes			price
Type	length	code	each
Easy Splice	150 mm	ROPSD204	£12.60
Currey Spike	196 mm	ROP211	£12.37
Wichard Shackle Key	90 mm	ROPWD10303	£8.37



Sailor's Two Piece Set A traditional hacking knife and spike with shackle key in a well made leather sheaf to keep on your belt.

Knife Set		price
Sailors Two Piece SetROPTPS		£35.52

See the fantastic Arthur Beale Splicing Kits on page 33



MOD Pattern Rigging Knife A knife with a heavy carbon steel blade and wood handle. Ideal for rigging kits.

MOD Pattern Rigging Knife		price
ROPRKMOD		£23.23

Visit our website for a wide variety of rigging knives

PALMS AND NEEDLES



Right Hand



Left Hand

Sail Makers Seaming Palms Leather palms to suit left and right handed sailors. They are fitted with a needle proof section for forcing through heavy materials and ropes.

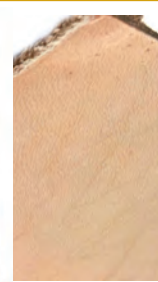
Sail Makers Palms		code	price
Left Hand Seaming Palm		ROP305000BULH	£9.67
Right Hand Seaming Palm		ROP305000BURH	£9.67



Sail Makers and Whipping Needles Available sizes from size 12 to 17. Made from high carbon heat treated steel and supplied with a highly polished finish. Thread is often drawn through a beeswax cake to waterproof and seal the seam. The wooden handled needle is great for whippings using up to 4 mm twine.

Sail Makers Needles		code	price
Needle size	max. whipping twine		each
Needle size 12	No16	ROP30530012	£1.55
Needle size 13	No8	ROP30530013	£1.25
Needle size 14	No8	ROP30530014	£1.18
Needle size 15	No8	ROP30530015	£1.11
Needle size 16	No8	ROP30530016	£1.09
Needle size 17	No8	ROP30530017	£1.05
Assorted pack of five		ROP30550005	£5.71
Assorted pack of ten 14-18		ROP30550010	£9.17
Assorted pack of twenty 14-18		ROP30550020	£18.12
Whipping Needle with handle		ROP1434000	£30.00

LEATHER



Leather We stock two thicknesses of excellent quality tooling leather which is ideal for sewing around eye splices on larger mooring lines. Technical Specification: The maximum rectangle size we can normally cut from a hide is 900 x 1,200 mm

Main Uses Leathering oars, protecting eye splices, leathering gaff jaws, making belts and straps. Craftwork.

Tooling leather		code	price
Thickness	colour		per square foot
1.8 - 2 mm	Light tan	MATE1J45A	£11.34
3 - 3.5 mm	Light tan	MATE1J47A	£11.34
Leather Conditioner 250 ml		MATLC250	£6.99
Leather Hole Punch 2 - 4.5 mm		TOL63637	£12.72

SPLICING MODERN ROPES



Selma Splicing Needles Not to be outdone by the Swedes with their Swedish fids the Norwegians came up with these useful gizmos for splicing braided ropes. See "Splicing Modern Ropes- A Practical Handbook" for the best instructions.

Selmas	suits ropes*	code	price
Set of 4 needles	6 - 12 mm	ROPSELSET4	£32.00
Set of 5 needles (4-13 mm)	6 - 16 mm	ROPSELSET5	£46.00
4 mm needle	6 mm	ROPSEL4MM	£6.89
5.5 mm needle	6 - 8 mm	ROPSEL55MM	£8.42
7.5 mm needle	8 - 12 mm	ROPSEL75MM	£10.56
10 mm needle	12 - 14 mm	ROPSEL10MM	£15.77
13 mm needle	14 - 16 mm	ROPSEL13MM	£19.14
20 mm needle	up to 32 mm	ROPSEL20MM	£63.36

* Opinions differ. Always choose the smallest Selma possible to help feed through the cover



Set of four needles to splice 1 mm - 4 mm ropes



Pulling Needles 210 mm, 300 mm and 365 mm long

Fixed Needles 2 and 2.5 mm for ropes from 4 to 8 mm

Pulling Needles When splicing modern ropes it is often necessary to pull small strands down inside the braided cover and Selmas can be too bulky. This range of needles should cover all your needs.

Pulling Needles	suit ropes	code	prices
Set of four pulling needles	1 - 4 mm	ROPDS4	£34.56
Pulling needles 210 mm	3 - 5 mm	ROPPN210	£10.18
Pulling needles 300 mm	6 - 10 mm	ROPPN300	£11.14
Pulling needles 365 mm	10 mm +	ROPPN365	£12.29
Fixed Needle F20	4 - 6 mm	ROPDSFNF20	£13.23
Fixed Needle F25	6 - 8 mm	ROPDSFNF25	£13.23

CUTTING MODERN ROPES



D Splicer Knife and Scissors Regular scissors will not work on ropes such as Dyneema and Technora. In fact Technora can't be cut with a hot knife either! These laser cut high carbon scissors and the ceramic knife are specially designed to chomp through these modern fibres. Arthur Beale rigging department approved!

D Splicer Scissor and Knife	code	price
Ceramic knife	ROPDSK	£18.00
Splicer Scissors	ROPDSS	£34.50

OTHER KNIVES

Knives

A knife is probably the most important safety tool to carry with you onboard. Everyone has their own preference but a serrated blade will generally cut through ropes and webbing more quickly than a plain blade. An incorporated shackle key is a pretty handy feature too. Arthur Beale stocks a very wide range of knives. Only a few are listed here.

NEW

Loads more to see in our shop!



Wichard Offshore Lunimous Knife This knife is the latest upgrade to Wichard's successful range of sailing knives. With its serrated locking blade it will happily cut through Dyneema. The soft grip glow in the dark handle makes it easy to find and the wrist strap makes it hard to lose. Designed as a knife to last for highly demanding skippers. Wt. 85 g.

Wichard Knife	code	price
TOL10122		£38.50



Gerber E-Z Out Rescue Knife This is the RYA approved rescue knife. We have been testing these knives for years and they pass with flying colours. The serrated blade is incredibly sharp and will slice through rope in a matter of seconds. The round tipped blade is easy to open and locks too. There is a belt clip to keep it handy. Weight just 93 g.

Gerber E-Z Out Rescue Knife	code	price
TOLGER06971		£39.99



Leatherman Skeetool The handy karabiner clip and its low weight are the real winning features for me. It is still a full-size Leatherman multi-tool featuring a stainless steel combo straight/serrated blade - ideal for cutting through rope, good pliers, a bit driver and the karabiner/bottle opener - and that's it because normally that's all you need. The

tool clips easily onto a belt or pack, - no sheath required. We really like it! Weight: 142 g

Leatherman Skeetool	code	list	price
TOLLEALT85CP		£89.95	£71.94

NEW



Smith's "Pocket Pal" Multi-Functional Knife Sharpener For the "Perfect Edge" every time. Carbides provide quick edge setting, and the ceramic stones are designed to give you a

razor sharp edge on either standard or serrated edges. A fold out, tapered round, diamond coated rod is designed for sharpening serrations. Compact, lightweight and durable with a lanyard hole.

Smith's Knife Sharpener	code	price
TOLS50728		£16.95

HOT MELT ADHESIVE LINED HEAT SHRINK

Hot Melt Heat Shrink Nothing beats a nice sewn whipping but often you can't be sure of the ideal length for a halyard or control line until it is on the boat. These hot melt heat shrink are the answer. They are quick to fit with a heat gun and unlike normal heat shrinks they won't fall off.

Main Uses Temporary sealing and securing rope ends especially when the final length can not be determined. Battle rope handles.



Hot Melt Adhesive Lined Heat Shrink

Heat shrink diameter	rope size	shrinks to	code	per m
12 mm	4 - 10 mm	3 mm	ROPDWA123	£5.45
24 mm	10 - 18 mm	6 mm	ROPDWA246	£8.86
32 mm	14 - 24 mm	8 mm	ROPDWA328	£11.66
40 mm	18 - 32 mm	13 mm	ROPDWA4013	£15.00
Metabo Heat Gun (1,600 W)			POWM16500	£49.20

HOT KNIVES



Mains Hot Knife



Rope Seal Bench Hot Knife



Rope Seal Hot Knife



Rope Seal Solder and Hot Knife Kit

Hot Knives Most modern ropes can be very quickly sealed by using a hot knife. An old kitchen knife placed on the hob will suffice for occasional use but if you are rigging a boat or a regular ropeworker then it is worth investing in a decent hot knife. We stock an electric version and three gas knives for use onboard.

Note: Technora can not be cut with a hot knife.

Hot Knives

Type	power	code	price
Hot knife and blade	240V / 60W	ROPC857D	£116.51
Rope Seal Bench Hot Knife	Lighter Fuel	ROP11210	£30.40
Rope Seal Hot Knife	Lighter Fuel	ROP11200	£19.95
Rope Seal Knife and Solder Kit	Lighter Fuel	ROP11220	£41.95

SOFT SHACKLES

Soft Shackles

These are gaining in popularity as they have the advantage of being much lighter than metal shackles and cause less damage to the brightwork. They are relatively easy to make. The best book on the subject is "Splicing Modern Ropes" by Jan-Willem Polman (see page 31). Soft Shackles are generally made from 12 strand Dyneema (see page 13) but can also be made to order from heat resisting Technora (page 13). We can make soft shackles to suit your exact requirements otherwise choose from the great value ones listed below.



Single Strand



Double Strand

Soft Shackles These Loop Products are made in Germany using Gottfredi Maffioli ropes. Technical Specification: Polyurethane coated Dyneema SK75.

Features ✓ Very strong ✓ Excellent UV and abrasion resistance ✓ Very light - they float ✓ Reduced chance of damage to brightwork

Soft Shackles - Single Strand

Length open	rope diameter	breaking/working load	code	price each
200 mm	4 mm	1,200 kg 600 kg	ROPL42001	£8.76
230 mm	5 mm	2,000 kg 1,000 kg	ROPL52301	£10.31
270 mm	6 mm	3,000 kg 1,500 kg	ROPL62701	£12.89
270 mm	8 mm	5,000 kg 2,500 kg	ROPL82701	£19.09

Soft Shackles - Double Strand

Length open	rope diameter	breaking/working load	code	price each
90 mm	2 mm	400 kg 200 kg	ROPL20902	£7.22
100 mm	3 mm	800 kg 400 kg	ROPL31002	£7.74
110 mm	4 mm	1,200 kg 600 kg	ROPL41102	£8.24
150 mm	6 mm	3,000 kg 1,500 kg	ROPL61502	£11.34

ROPE BAGS



Rope Bags These tough yellow rope bags are perfect for storing climbing gear or special purpose ropes such as kedge lines or long mooring warps. It will keep them dry and ready for action. The rope quantity listed is based on 10.5 mm industrial access rope. They will be completely full. See our website for a large range of waterproof bags by Ortlieb and others.

www.arthurbeale.co.uk

Features ✓ Two straps and carry handle ✓ Draw string top ✓ Industrial quality

Rope Bags

Capacity	rope quantity	code	prices (10.5 mm)
20 L	80 m	BAGLSB20Y	£52.00
30 L	120 m	BAGLSB30Y	£55.50
40 L	160 m	BAGLSB40Y	£62.00

JAG PICK OFF

NEW



Jag System This piece of clever kit was developed for the work and rescue industry. It is basically a 4 to 1 mechanical advantage tackle using highly efficient sealed ball race pulleys. The upper pulley is fitted with a rope lock to hold the lift in position. The whole assembly is held within a net tube so it will not get tangled up and will be ready for instant deployment. It can be used to haul a casualty out of the water by using a nylon web sling (see page 24) around the boom and attaching the other end to the person in the water. The 2 m length of the unit can be extended with a suitable lanyard and it will provide 1.66 m of lift - generally enough to get the person onboard. Supplied complete with two Am'D Triact Lock karabiners. Technical Specification: Deployed length: 2 m. Collapsed length: 340 mm. Weight: 805 g. Working load: 6 kN (611 kgf). Breaking load: 16 kN (1,631 kgf). Efficiency 91%. Rope diameter: 7.7 mm

Features ✓ Super fast deployment rescue kit
 ✗ Aluminium pulleys should be cleaned and dried after use to avoid salt water corrosion.

Main uses ✓ Hauling casualty from water
 ✓ Hauling heavy objects onboard ✓ Tensioning a system

Jag System	code	price
	PULP44AA01	£182.40

MOB LIFESAVERS



MOB Lifesavers by Duncan Wells With high freeboards many modern boats make the task of retrieving a casualty from the water a difficult task. These MOD Lifesavers are the answer. The device is pre-fastened onto the lifting loop of your lifejacket. If you have the misfortune of going overboard then the brightly coloured emensely strong lifting line floats free. The end has an open loop which can be easily picked up by a boat hook and attached to your preferred method of hoisting (see the Jag System above). Approved for many types of lifejacket including our range of Crewsaver

Lifejackets. Technical Specification: Breaking load in excess of 1,000 kg.

Features ✓ Automatic deployment of rescue line for very rapid casualty retrieval.

Main uses ✓ Hauling casualty from water

MOB Lifesaver	code	price
	SAFDWI23	£17.95

LARGE DIAMETER ROPE CUTTERS

£

👍

NEW



Plastic Pipe Cutters Just managed to find a spot for these stupidly effective tools. Just wrap a bit of PVC tape around massive ropes up to around 36 mm and it just chomps its way through with total ease leaving a smooth right angle finish! Probably cuts pipes too.

Plastic Pipe Cutters	code	price
	TOL27632	£11.17

TUG OF WAR ROPES

HIRE



Tug of War Rope - Sale and Hire Great fun for any event! Our Tug o War Ropes for hire are made from sisal and are 36 mm diameter and 35 m long. Sale ropes may be made from sisal, manila or flax. Normally teams are eight per side but there is room on the rope for plenty more. An extra "coach" can stand beside each team shouting encouragement. Teams are not allowed to sit on the floor. The rope is marked centrally with a red mark plus two white marks 4 m either side of the centre and then two blue marks 5 m either side of the centre. We also have a smaller 10 m version in 24 mm flax hemp for children.

Sisal Tug of War Rope			prices per rope	
Diameter	length	code		
36 mm	35 m	ROPTOWHIR	One week hire (minimum)	£50.00
36 mm	35 m	ROPTOW	Sale price	£220.00
24 mm	10 m	ROPTOWCHIR	One week hire (minimum)	£15.00
24 mm	10 m	ROPTOWC	Sale price	£43.90

BATTLE ROPES



Battle Ropes

For a perfect work out why not try a battle rope? We can supply them to exactly meet your needs from muscle taxing heavy weight battle ropes made from super yacht docking lines to lighter

ones made from natural flax hemp. A couple of sample prices are shown below.

Battle Ropes			prices per rope	
Diameter	length	material	code	
32 mm	15 m	Heavy Weight Polyester	ROPBATPES15	£229.00
32 mm	10 m	Medium Weight Flax Hemp	ROPBATFL10	£69.00

FITNESS CLIMBING ROPES



Fitness Climbing Ropes If you have a lofty room why not buy a nice handmade climbing rope for a good all-over workout? We make them in-house from 32 mm natural flax hemp with a big eye splice to secure them to a strong beam. The tail end has a beautiful sewn whipping. We can normally supply suitable hardware to secure the ropes to a beam. For Work at Height Ropes please see page 7

Fitness Climbing Ropes			prices per rope	
Diameter	length	material	code	
32 mm	6 m	Natural flax hemp	ROP3CFL	£51.00
		Per extra metre to 10 m	ROP3FL32	£6.79
		Per extra metre over 10 m	ROP3FL32	£5.43

Rope Books

ROPE AND ROPEWORKING BOOKS

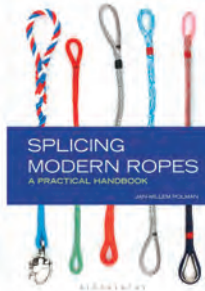


The Ashley Book of Knots

Clifford W Ashley This is the bible of knots. First published in 1944 and reprinted many times. Describes every practical knot, what it looks like, where it comes from, and how to tie it. The book includes 3,800 knots and 7,000 drawings.

✓ Fully comprehensive book covering every knot X Not a great book to learn how to actually tie the knots!

Ashleys Book of Knots	code	price
	BKS9780571096596	£50.00

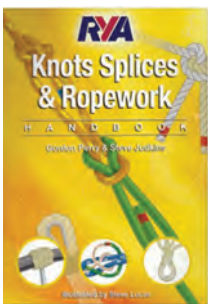


Splicing Modern Ropes A Practical Handbook

Jan-Willem Polman For any seafarer, splicing rope is an essential skill but traditional 3-strand ropes are fast disappearing. So how do you splice braided rope? This is the definitive guide to this crucial skill. Most of the techniques are quite easy to master - and also fun to do. See why splices are better - and stronger - than knots or shackles for joining or shortening rope, and follow the step-by-step photographs and clear instructions to find out how to splice efficiently.

✓ Arthur Beale's favourite book for modern splicing techniques

Splicing Modern Ropes A Practical Handbook	code	price
	BKS9781472923202	£20.00

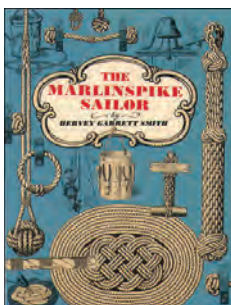


RYA Knots, Splices & Ropework

Perry Gordon and Steve Judkins Although written specifically with the boating fraternity in mind, the book's content is applicable to a much wider readership. It is structured to guide everyone from a complete beginner to a seasoned sailor step-by-step through simple knots on to the advanced knotting skills required to make a Turk's Head and Star Knot.

✓ One of Arthur Beale's favourite books on general knots and splices
 ✓ Very clearly illustrated and easy to follow.

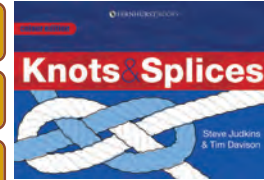
RYA Knots, Splices & Ropework	code	price
	BKS9781905104758	£18.49



Marlinspike Sailor

Hervey Garrett Smith Hervey Garrett Smith was the foremost marine illustrator of the 1950s and 1960s, and his wonderful drawings quickly propelled The "Marlinspike Sailor" to cult classic status. With the addition of a section on modern, synthetic rope in the 1970s, its popularity has continued undiminished to this day. It teaches a few basic knots and splices in three-strand and braided rope but its real business is decorative rope and canvaswork - the traditional arts of the sailor - and here it has no equal. For a rope mat, a rope ladder, a sea chest, a ditty bag, a canvas bucket, a mast boot, and the best-looking rope fenders or heaving line in the marina, this is the book of choice.

Marlinspike Sailor	code	price
	BKS9780070592186	£11.99



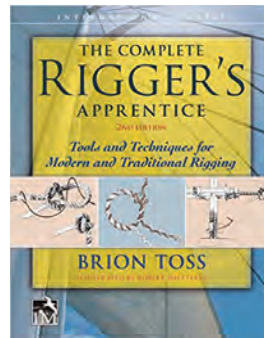
Knots and Splices

Steve Judkins and Tim Davison This 64 page soft back book is the one we choose to add to our knots and splicing kits. We rate it as the best beginners book because the illustrations are very clear.

In fact we sell over 200 copies of this book every year!

Best for beginners. Clearly illustrated. Handy size. Economical.

Knots and Splices	code	price
	BKS9781909911000	£3.99



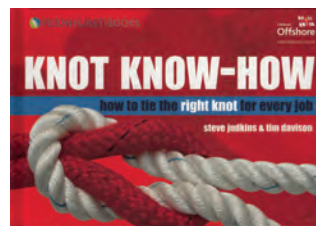
The Complete Rigger's Apprentice

Brion Toss This is a "must have" book for anyone wanting to progress with their rigging skills. Furthermore it is a very good read for any ocean sailor. It specialises more of the field of rigging rather than specifically knots and ropes but covers just about everything. The book is American so there is a bit of imperial conversion needed in a few places.

Nevertheless it is a great book. Second Edition.

✓ Best book available on rigging ✓ Good reading ✓ Useful reference for ocean sailors.

The Complete Rigger's Apprentice	code	price
	BKS9780071849784	£24.99

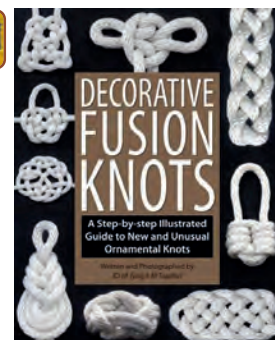


Knot Know-How

Steve Judkins and Tim Davison This beautiful full-colour book covers knots, splices and whippings. It begins with the ten knots everyone should know. The other knots are grouped by use so that if, for example, you want to make

a loop you have eight knots to choose from.

Knot Know-How	code	price
	BKS9781898660989	£8.99



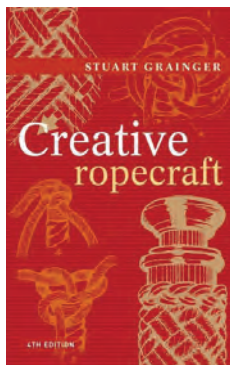
Decorative Fusion Knots

J.D. Lenzen I think the best way to describe this book is inspirational. The very clear photographs show 60 different decorative knots which look very tempting to make. This is a book to encourage the beginner and to engage the expert. It would make a brilliant present with a colourful 5 m length of 6 mm Soft Braided Rope (see page 10).

✓ Lovely clear photographs which make you want to go home and give it a go!

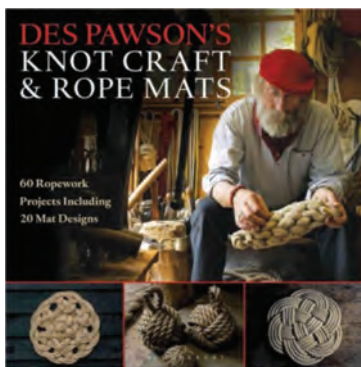
Decorative Fusion Knots	code	price
	BKS9781931160780	£14.99

We reckon Arthur Beale's Bookshelves are the best in London! Why not pay us a visit?



Creative Ropecraft Stuart E Grainger A treasure trove of knots, hitches, bends, plaits and netting - the standard work on practical and decorative knots and ropework. Anyone tempted to try their hand at this will be able to follow the steps easily thanks to the exquisite detailed drawings. Stuart Grainger describes how to tie and use a wide variety of knots, both practical and fancy, including crown and wall knots, Turk's heads, door knockers, hammocks, mats, belts, cuff links, table lamps, rope-edged trays and much more.

Creative Ropecraft	code	price
	BKS9780713674019	£14.99

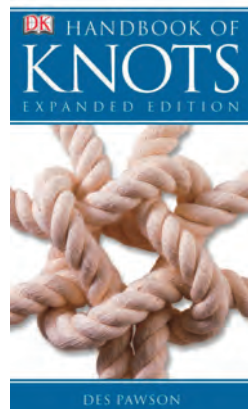


Des Pawson's Knot Craft and Rope Mats

This wonderful collection of Des Pawson's personal ropecraft recipes combines an extended and now full-colour collection of knotcraft projects with 20 new and brilliant mat designs. Readers can learn how to make 60 different

ropework projects, including mats, bellropes, key fobs, fenders, and doorstops. Along with fascinating tidbits of nautical history as background to many projects, Des gives step-by-step instructions on how to put these knots together to form finished projects, and advice on the size and lengths of the materials required--just as you would expect from a recipe book. Full-colour illustrations, clear and practical tips on technique, and photos of the finished products mean that this book is ideal for all abilities.

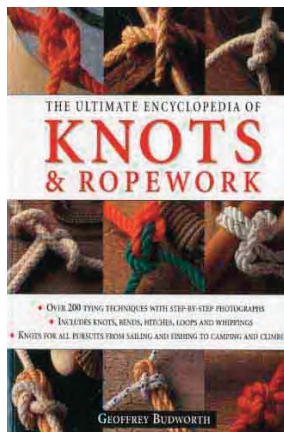
Des Pawson's Knot Craft and Rope Mats	code	price
	BKS9781472922786	£16.99



Handbook of Knots Des Pawson This comprehensive book is written by the famous Des Pawson who in 1982 founded the International Knot Tyers Guild. He was awarded the MBE in 2007 and the big question is did he keep on his signature red berry when he received the honour? Des Pawson is a man so immersed in the field of knots and splices that he has his own private museum at his house in Ipswich. You obviously can't go far wrong with this Handbook of Knots!

✓ Well produced ✓ Comprehensive coverage from basic knots right through to making nets.

Handbook of Knots	code	price
	BKS9781405304672	£7.95



Ultimate Encyclopedia of Knots and Ropework

Geoffrey Budworth Over 1,200 clear illustrations and step by step guides to over 200 knots. The book not only explains how to accomplish the knots but is also a mine of information about the history and the origins of the knots themselves.

✓ Great present

The Ultimate Encyclopedia of Knots and Ropework	code	price
	BKS9781844768912	£12.99



Moving Heavy Things

Jan Adkins One of our most popular books. Almost everyone who picks it up buys it! Not only is it a fun book which is very well illustrated but it includes masses

of information. Give it as a present to your average sailor and she or he will be lost in it for hours. Perfect reading beside a log fire whilst waiting for the evening meal. Not just for sailors!

As a present why not buy this book and deliver it in an Arthur Beale Zipper Bag (overleaf) with a length of rope to play with!

✓ Great fun ✓ Fascinating read ✓ Perfect present

Moving Heavy Things	code	price
	BKS9780937822821	£7.95



Learn a knot a day with Arthur Beale

Alasdair Flint, Illustrations by Hannah Heap A little booklet to cover seven knots that we feel are the most

useful for a seafarer to know. Clear diagrams and a simple description of each knot. Available November 2017

✓ Great present ✓ Handy reminder

Learn a Few Knots with Arthur Beale	code	price
	BKSABK	£2.00

Browse our shelves or buy online at arthurbeale.co.uk



Arthur Beale Splicing Classes

Why not learn the simple technique of splicing three strand rope at Arthur Beale! We hold regular classes during the cooler months.

Please visit the "Events" section of our website for more details. There is a charge of £12.50 for each class although the charge may vary slightly depending on the fittings you choose. We normally make something like a dog lead which you can take away.

Makes a great and useful present!

We stock also charts and pilot books to plan your trip and seagoing novels and adventures to read in your bunk

Rope Related Gifts

ARTHUR BEALE DITTY BAGS



Long Handled Ditty Bag

Short Handled Ditty Bag

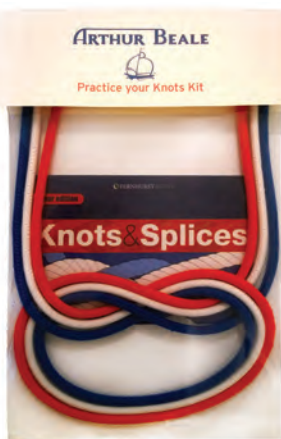
Arthur Beale Ditty Bags Fantastically useful onboard as well as around home. Our bag is made from very heavy natural cotton canvas with a tough hand spliced rope handle. Each bag has seven external pockets of varying widths to suit fids, marline spikes, note books, needles or knives. The large inside area can take reels of whipping twine, sailmakers palms, handy pulleys and all the little bits of rigging hardware that keeps the boat going smoothly. We supply them with three handle options or without a handle, if you prefer to make your own. Technical Specification: Approximately 200 mm high x 170 mm diameter.

Features ✓ Seven external pockets ✓ 12 mm hand spliced rope handle ✓ Very heavy grade canvas ✓ Large strong eyelets ✓ Economically Priced

Main Uses Boat ditty bag, Household sewing bag, Bag for Artist's brushes, Riggers bag for mastwork.

Arthur Beale Ditty Bags	code	each
Basic Ditty Bag - no rope handle	BAGDB	£15.00
Standard Ditty Bag - with short rope handle (shown)	BAGDBS	£19.50
Shoulder Ditty Bag - with long length rope handle	BAGDBL	£21.50
Siezed Eye Ditty Bag - with medium length rope handle and eye	BAGDBE	£25.00

ARTHUR BEALE PRACTISE YOUR KNOTS KITS



Arthur Beale Practise Your Knots Kits

A lovely little gift for any budding sailor. Learn a few knots from either the excellent 64 page book or our little Arthur Beale booklet. Practise on the three pices of colourful rope supplied! Brilliant value, great fun and a very useful skill. Kit contains: Three 1 m lenth of 6 mm soft braided polyester rope in different colours plus the option of the 64 page book clearly explaining each knot or our little Arthur Beale booklet.

Arthur Beale Practise Your Knots Kits	code	each
Knot Kit with 64 page Book	ROPKIT001	£7.50
Knot Kit with Arthur Beale Booklet	ROPKIT003	£5.75
Knot Kit without Book or Booklet	ROPKIT002	£3.75

ARTHUR BEALE ZIPPER BAGS



Arthur Beale Heavy Canvas Zipper Bags The perfect bag for getting organised! They measure 300 mm x 180 mm high and are fitted with a smooth running

YKK zip and emblazoned with the Arthur Beale logo. Onboard they have a great advantage over the usual Tupperware boxes because they will squeeze into smaller spaces and they don't go clonk every time you tack. **Features** ✓ Very heavy grade canvas ✓ Top quality heavy duty zip ✓ Economically Priced

Main Uses Use them for storing: ✓ Splicing kits ✓ Small tools such as Allen Keys, electrical screwdrivers ✓ Socket sets - they will hold more than you think and you can get rid of the massive blow moulded plastic thing the socket set arrived in ✓ Electical tapes ✓ Sewing kits ✓ Wash bags ✓ Spare shackles ✓ Ipads ✓ Sketch pad and crayons or water colours ✓ Diary, note pad and smart phones ✓ Dedicated spare parts ✓ Clutch bag for very posh soirees, maybe not.

Arthur Beale Heavy Canvas Zipper Bags	code	each
Zipper bag	BAGZ1	£7.50

ARTHUR BEALE SPLICING KITS



Arthur Beale Splicing Kits We make up these kits to include everything you will need to splice three strand ropes and to practise your knots.

The kit includes the following:

- Knots and Splices Book. Explaining everything you need to get underway.
- Right or left handed sailors palm
- 170 mm Swedish fid
- A pack of five needles
- A reel of No4 whipping twine
- 1 m length of 8 mm braided rope in bright

- colour
- 1 m length of 8 mm braided rope in a different bright colour (to practise your knots)
- 1 m length of 10 mm diameter artificial hemp to practise your splicing

And to keep everything handy for future use the kits are packed in either a robust Arthur Beale Zipper Bag or a splendid Long Handled Arthur Beale Ditty Bag. Save over 15% buy buying as a kit!

Arthur Beale Splicing Kits	code left	code right	each
	Left handed	Right handed	
Splicing Kit in a Zipper Bag	ROPSKZBL	ROPSKZBR	£38.00
Splicing Kit in a Long Handled Ditty Bag	ROPSKDBL	ROPSKDBR	£49.50

KNOT MUG



Knot Mug This attractively shaped mug is reminiscent of enamel mugs but is actually high quality porcelin. They are dishwasher and microwave safe and individually boxed. ✓ A nice cuppa while you practise your knots!

Knot Mugs	code	each
Knot mug 360 ml	ROPKM	£9.99

A

Access Line 7
Acrylic 15
Barrier Ropes 15
Alpine Club Rope 3
Anchoring 7, 9
Anchor Warp 11
Liros Handy Anchor 24
Weighted Anchor Warps 24
Artificial Hemp 12

B

Bags 29
Canvas Bags 33
Ditty Bags 33
Rope Bags 29
Zipper Bags 33
Barrier Ropes 15
Cable Lay 15
Coloured Ropes 15
Fittings 16
Natural 15
Posts 16
Three Strand 15
Artificial Hemp 12
Battle Ropes 30
Bell Ropes 16
Big Block for Large Ropes 12
Books 31, 32
Braided Rope 9, 10, 11, 12, 14, 15
Breaking Loads 2
Buckles 21
Flat 21
Quick Release 21
Sliding Bar 21
Stainless Steel 21
Bungee Cord 21

C

Cable Laid 4
Canvas Zipper Bags 33
Catalogue Symbols 2
Caulking Cotton 17
Chafe Guard 24
Classic Ropes 8, 9, 10
Climbing Ropes 16, 30
Coiling 3-Strand Ropes 4
Coir 5
Four Strand Coir 5
Three Strand Coir 5
Collar Clips 22
Cords 17, 18
Dyneema 18
High Strength Polyester 19
Herkules Classic Beige 11
Neon 18
Nylon 19
Polyester 18, 19
Shock Cords 21
Cotton 5
Caulking Cotton 17
Cotton Magic Cord 5
Three Strand Soft Cotton Rope 5
Twine 18
Curtain track lines 10

D

Decorative Rope 12
Difference between Natural and Artificial Ropes 3
Dinghy Painter 12
Ditty Bags 33
Docklines 23
Downhauls 10
Dynamic Loads 2, 7
Dynamic Loads 7
Semi-Static Loads 7
Static Loads 7
Dyneema 13
Black Dyneema 13
Braided Dyneema Thread 20

Cord 18
Dyneema 18
Dyneema D-Pro 13, 18
Liros Magic Pro 14
Liros Racer 15
Marlow Excel Fusion 14
Marlow Excel Racing 14
Sewn Slings 24

F

Fender Lines 16, 24
Flax Hemp 2, 3
Hawser Laid Flax Hemp 3
Three Strand Flax Hemp 3
Floating Rope 12

G

Garden Fencing 12
G Force 7
Gifts 33
Arthur Beale Ditty Bags 33
Arthur Beale Practise-Your-Knots Kits 33
Arthur Beale Splicing Kits 33
Arthur Beale Zipper Bags 33
Knot Mug 33
Gybe Preventor 11

H

Halyards 8, 9, 11
Handrail 12
Handrail Ropes 15
Hardy Hemp 12
Hawser Laid 4
Hempex 12
Herkules 11
High Load Eyes 26
High Temperature Resistance Rope 13
Historic Cord 18
Hot Knives 29
Rope Seal 29
Hot Melt Heat Shrink 29

I

Industrial Rope Access 7

J

Jag System 30
Jute 6
Jute Sash Cord 6

K

Kernmantle Ropes 9
Knives 28
D Splicer Knife 28
Gerber E-Z Out Rescue Knife 28
Hot Knives 29
Leatherman Skeletool 28
Rope Seal Hot Knife 29
Sailor's Two Piece Set 27
Scissors 28
Smith's "Pocket Pal" Multi-Functional Knife Sharpener 28
Wichard Offshore Lunimous Knife 28

Knot Kit 33
Knots and Splices 2

L

Lanyards 8
Leatherman Skeletool 28
Left or Right Hand Lay 4
Lifting 2
Liros 13
Dyneema 13
Handy Anchor 24
Magic Pro 14

Racer 15
Technora 13
Long shore lines 11

M

Manila 4
Manila Hemp 3, 4
Hawser Laid Manila Hemp 4
Three Strand Manila Hemp 4
Manrope Knot 16
Marline Spike 27
Marlow 14
Excel Control 14
Excel Fusion 14
Excel Racing 14
Whipping Twine 26
Mobility Aid Ropes 16
Monkeys Fists 16
Mooring 7, 8, 9, 23
Club Hammer 23
Mooring Piling Hooks 23
Mooring Pins 23
Mooring Warps 7
Mugs 33
Multi-tool 28

N

Narrow Boat Lines 23
Neon Rope 18
Netting 23
Guard Rail Netting 23
Locker Netting 23
Needles 23
Racking Netting 23
White Netting 23
Nylon - Polyamide (PA) 6
Black Cord 19
Cord 19
Netting 23
Paracord 19
Semi-Static Intervention Rope 7
Sewn Slings 24
Three Strand Nylon 7
Touring Ropes 7
White Cord 19
White Nylon 7

O

Oakum 17
Octoplat 11
One Wrap 19

P

Paracord 19
Parrot Perches 16
Plastic Tubing 24
Polyester (PES) 7, 8, 9, 10, 11
Anchor Warp 11, 24
Barrier Ropes 15
Black Cord 19
Black Polyester 9, 11
Braid on Braid Polyester 9
Braided Polyester 10, 18
Classic Polyester 8, 9, 10
Coloured Polyester 10
Cord 18, 19
Dockline 23
Fender Lines 24
Herkules 11
High Strength Cord 19
Liros Magic Pro 14
Liros Racer 15
Marlow Excel Control 14
Marlow Excel Racing 14
Matt Polyester 8
Mini Webbing Straps 20
Neon Cord 18
Octoplat 11
Pre-Stretched Polyester 8, 9
Soft Matt Polyester 10
Three Strand Polyester 8, 9

Webbing 20
Whipping Twine 26
White Cord 19
White Polyester 8, 9
Polypropylene (PP) 11, 12
Artificial Hemp 12
Barrier Ropes 15
Braided Polypropylene 12
Historic Cord 18
Marlow Excel Control 14
Marlow Excel Fusion 14
Netting 23
Rescue Line 12
Three Strand Polypropylene 12
Practise Your Knots Kit 33

Q

Quick Clips 22

R

Ratchet Straps 20
Mini Webbing Straps 20
Ready Made Lines 23
Real Hemp 3
Cords 17
Four Strand Real Hemp (Shroud Laid) 3
Rescue Line 12
Rope Fenders 16
Rope Sizes 15
Ropey Terms 4

S

Safe Working Load 2
Safety Factors 2
Sail Makers Palms 27
Sail Ties 22, 24
Seddon Link 21
Semi Static Intervention Rope 7
Sewing 19
Sewing Awl 20
Sewn Slings 24
Shackles 29
Soft Shackles 29
Wichard Halyard Shackle 11
Sheets 10, 11
Shock Cord 21
Accessories 22, 27
Adjustable Shock Cord Loops 22
Assemblies 22
Ball Loops 22
Ball Stops 22
Black Shock Cord 21
Collar Clips 22
Coloured 21
Quick Clips 22
Sail Fasteners 22
Shock Cord Loops 22
White Shock Cord 21
Shop display 10
Shroud Laid 4
Sisal 6, 18
Three Strand Sisal 6, 18
Twine 18
Soft Shackles 29
Spanfixes 22
Spaniflex 22
Special Purpose Ropes 29
Jag Pick Off 30
Tug of War Rope 30
Specialist Rope Skills & Finishes 16
Speedy Stitcher 20
Splicing 24, 25
12 Strand Rope 25
Accessories 26
Braided Rope 25
Classes 24
Eye Splice 24
Four Strand Rope 25
Hacking Knife and Spike Set 27
Hard Eye Splice 25
Marline Spike 27

Needles 27
Pulling Needles 28
Sail Makers Seaming Palms 27
Selma Splicing Needles 28
Service 25
Shackle Keys 27
Soft Eye Splice 25
Spikes 27
Splicing Kits 33
Swedish Fids 27
Three Strand Rope 25
Traditional Tools 27
Whipping 25
Stockholm Tar 17
String 18
SunStop Anti-Wick Thread 20
Swedish Fids 27

T

Tackle 30
Taking Rope from a Coil 4
Tarred Marline 17
Technical Blends 13
Liros Magic Pro 14
Liros Racer 15
Marlow Excel Control 14
Marlow Excel Fusion 14
Marlow Excel Racing 14
Technora 13
12 Strand Technora 13
Marlow Excel Control 14
Theatre Black Ropes 10
Thimbles 26
Galvanised 26
High Load Eyes 26
Nylon 26
Stainless Steel 26
Threads 18
Dyneema 20
SunStop Anti-wick 20
Ties 19
Touring Ropes 7
Tug-of-War Ropes 30
Turks Heads 16
Twine 17, 18
Baker's 18
Coloured 18
Cotton 18
Sisal 18
Tarred Marline 17
Whipping 26

U

Uncoiling Hanks 7
Uphauls 10

V

Velcro 19

W

Webbing 20
Accessories 21
Bridges 21
Buckles 21
Mini Webbing Straps 20
Polyester 20
Ratchet Straps 20
Sail Ties 24
Seddon Links 21
Whipping 25, 26
Needles 27
Working Load Limits 2

Z

Zipper Bags 33

**Phew, finished!
Can I go sailing
now?**



"Hi Skip, I've neatly coiled the rope
so can I go for a walk now?"

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