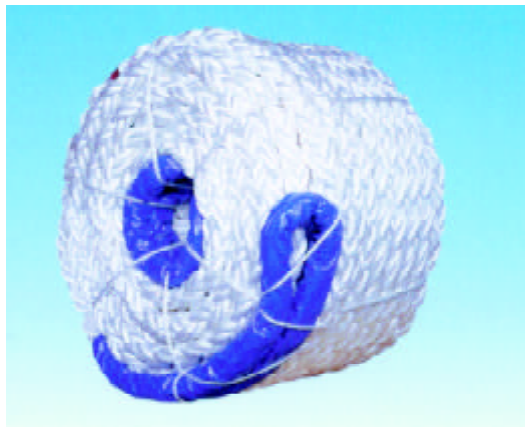


BRIDON NEW ZEALAND

FIBRE ROPE CATALOGUE



ROPE FIBRE & CONSTRUCTION TYPES

8 Plait Polypropylene ----- ⇒

Sisal 3 Strand Hawser Laid ----- ⇒

6 Strand Flexiline Mooring ----- ⇒

Braidline Black Polyester ----- ⇒

8 Plait Nylon ----- ⇒

8 Plait Danline Polypropylene --- ⇒

Silver 3 Strand Hawser Laid
P. E. Staple ----- ⇒

Danline P. P. 3 Strand ----- ⇒

12 Plait Superdan P. P. ----- ⇒

Polyester 3 Strand ----- ⇒

Manila 3 Strand ----- ⇒

Nylon 3 Strand ----- ⇒

Polyester 12 Strand ----- ⇒

Polyester Yacht Braid ----- ⇒

Nylon Braid ----- ⇒

Polypropylene Fishing ----- ⇒



Contents

Danline Rope -----	6	Polyester Rope -----	7
Fish Aggregation Device (FAD) -----	11	Polyester Sash Cord -----	14
Fishing & Netting Nylon Braid -----	11	Polypropylene Sash Cord -----	14
Flexiline 6 Strand -----	10	“Polytex” Perlon Netting -----	12
Handling, Care & Maintenance -----	4	Pre-packed Ropes -----	15
Lead Core -----	10	Purse Seine Twine -----	11
Manila Rope -----	5	Shock Cord -----	13
Marine Rope -----	6	Silver Rope -----	7
Netting Twine -----	12	Sisal Rope -----	5
Nylon 8 Plait -----	9	Superdan 12 Strand Braided -----	10
Nylon Braidline -----	10	Superdan 8 Plait -----	9
Nylon Rope -----	8	Supermax Hi Tenacity -----	13
Polydac (Superflex) -----	10	Tarred 100% Linen Flax Marline -----	14
Polyester 8 Plait -----	9	Yacht Braid -----	8
Polyester Braid -----	13		
Polyester Netting Twine -----	14	Branch Addresses -----	Back Cover

COOKES PRODUCT RANGE

WIRE ROPE:

Conventional, Swaged, Dyform, Dyswaged, Blue Strand, N. Z. manufacture up to 60 mm dia. Casar.

WIRE ROPE FITTINGS:

Thimbles, wire rope grips, turnbuckles, rigging screws.

TESTING SERVICES:

Proof loading of all lifting equipment (Telarc Registered). 100 tonne test bed, non-destructive testing, telemetry load cells up to 100 tonnes.

BLOCKS:

Electric/manual chain blocks, pulley, crane and logging blocks, stainless steel pulleys.

HYDRAULIC TOOLS:

Enerpac hand and powered pumps, cylinders. Extra high pressure hose. Full range of product available.

ESCO EARTHMOVING EQUIPMENT:

Bucket teeth and adaptors, Super V, ripper shanks and tips, grader shanks and tips, end bits, cutting edges and plow bolts to suit.

GRADER BLADES:

Cutting edges, end bits and plow bolts. Mouldboard liners.

CRUSHER PARTS:

Jaws, mantles and hammers.

DUAPLATE, DUABLOCK & CHOKBLOK:

Chromium carbide overlay for extreme wear applications.

SCREENS:

Both wire and polyurethane.

LOG RIGGING EQUIPMENT:

Marlin spikes, cee hooks, chokers, ferrules, pulley blocks, log grapples, rings, butt rigging.

EYE BOLTS:

Certified, all sizes available, threaded or blank. Stainless steel commercial eyebolts.

HOISTS:

Chain lever type, Supertil wire rope hoists, travelling trolleys.

SLINGS:

Wire and fibre rope, chain and web slings, endless round slings.

HOOKS:

Crane, eye and swivel hooks, marine certified. Cee, choker, stainless steel, snap and chain grab hooks.

AGRICULTURAL EQUIPMENT:

Tractor Accessories, 3 point linkage parts. Fastenings.

CHAIN:

Galvanised, all sizes, mooring chain, load restraint, hi tensile, lifting chain, grade 80 chain, chain swivels, security chain and stainless steel chain.

TRANSMISSION:

V-belts, timing belts, transmission, conveyor, feeder, attachment and agriculture chain. Saw chain and accessories. Sprockets and pulleys, automotive V-belts, chain breakers, motorcycle chain. “Aqua” corrosion resistant chain.

WEBBING AND CARGO EQUIPMENT:

Manufacturers of webslings to NZS5227, truck tiedown restraints, recovery straps, mini tiedown restraints, curtainside webbing and fittings, boat and motorcycle straps, roundslings.

HOSE AND COUPLINGS:

Complete range Europower hydraulic hose and couplings. Gates automotive and industrial hose.

HIGH TENSILE LIFTING CHAIN:

Kuplex, Weissenfels and Herculloy chain. Complete range of fittings to suit all applications.

PENGO:

Auger equipment, trencher teeth.

LOADBINDERS:

Lever and ratchet type chain twitches.

LUBRICANTS:

Brilube wire rope dressing.

MARINE PRODUCTS:

Shackles, swivels, fibre ropes, boat trailer winch ropes, thimbles, turnbuckles, rigging screws, boat trailer winches, stainless steel rigging hardware, stainless steel chain, mooring and anchor chain.

SHACKLES:

Commercial or tested, galvanised or self colour, bow or dee. Hi-load alloy. Stainless steel dee.

HEIGHT SAFETY EQUIPMENT:

Full range of harnesses, lanyards, fall arrest devices and karabiners.

WEARALLOY:

High impact and abrasion resistant steel. All sizes available.

FIBRE ROPES:

Full range of natural and synthetic fibre rope at wholesale prices.

MATERIALS HANDLING:

Plate lifting clamps, Swiftlift lifting eyes, container lifting lugs.

SISAL ROPE. 3 Strand, Natural Fibre

CHARACTERISTICS: Flexible, Easy to Handle, Knot & Splice, Biodegradable, Sinks.

COLOUR: Cream

<u>Code</u>	<u>Size</u> (mm dia.)	<u>Coil Length</u> (m)	<u>Coil Weight</u> (kg)	<u>Approx Breaking</u> Load (kg)	<u>Price</u>
18068044	4	600	7.4	230	_____
18068064	6	250	7.4	270	_____
18068084	8	250	13.7	480	_____
18068104	10	250	17.3	635	_____
18068124	12	250	24.6	955	_____
18068144	14	250	22.0	1285	_____
18068164	16	250	48.2	1800	_____
18068204	20	250	69.8	2850	_____
18068244	24	250	102.0	4070	_____
18068324	32	250	178.0	6860	_____
18068364	36	250	226.0	8250	_____

MANILA ROPE. 3 Strand, Natural Fibre

CHARACTERISTICS: Higher Quality than Sisal, Sizes 16mm and over Marine Department Certified, High Abrasion Resistance, Biodegradable, Sinks.

COLOUR: Nut-brown

<u>Code</u>	<u>Size</u> (mm dia.)	<u>Coil Length</u> (m)	<u>Coil Weight</u> (kg)	<u>Approx Breaking</u> Load (kg)	<u>Price</u>
18030067	6	250	7.4	260	_____
18030087	8	250	13.5	480	_____
18030107	10	250	17.0	630	_____
18030127	12	250	26.0	950	_____
18030147	14	250	35.0	1280	_____
18030167	16	250	48.0	1800	_____
18030207	20	250	69.0	2870	_____
18030247	24	250	100.0	4050	_____
18030327	32	250	175.0	6930	_____
18030367	36	250	224.0	8630	_____
18030407	40	250	277.0	10430	_____

TARRED 100% LINEN FLAX MARLINE

For whipping, knotting and splicing.

<u>Code</u>	<u>Size</u>	<u>Ball Weight (kg)</u>	<u>Ball Length (m)</u>	<u>Price</u>
18636227	2 ply 2.5mm	1	95	_____
18636237	3 ply 3.0mm	1	65	_____
18644027	2 ply 2.5mm	3	285	_____
18644037	3 ply 3.0mm	3	195	_____
18644047	4 ply 4.0mm	3	150	_____

INDUSTRIAL ROPE. 3 Strand, Yellow*, Synthetic Polypropylene Fibre “Danline”

CHARACTERISTICS: High Strength, Low Weight, Floats, High Abrasion & UV Resistance,

Inexpensive. Best Rope for Industrial & Commercial Marine Applications.

<u>Code</u>	<u>Size (mm dia.)</u>	<u>Reel/Coil Length (m)</u>	<u>Reel/Coil Weight (kg)</u>	<u>Approx Breaking Load (kg)</u>	<u>Price</u>
18010046	4	250/500 Reel	1.9/3.8	300	_____
18010056	5	250/500 Reel	3.0/5.9	350	_____
18010066	6	250/500 Reel	4.3/8.6	600	_____
18010076	7	250 Reel	6.4	800	_____
18010086	8	250 Coil	8.3	1200	_____
18010096	9	250 Coil	10.4	1500	_____
18010106	10	250 Coil	12.4	1800	_____
18010126	12	250 Coil	18.1	2700	_____
18010146	14	250 Coil	25.0	3600	_____
18010166	16	250 Coil	31.9	4500	_____
18010206	20	250 Coil	48.0	6900	_____
18010246	24	250 Coil	71.5	9900	_____
18010286	28	250 Coil	97.5	13200	_____
18010326	32	250 Coil	127.5	16800	_____
18010406	40	250 Coil	197.5	25700	_____

* Other colours available up to 16mm.

Last digit of code indicates colour: 5=Green fishing rope, 8=Blue general purpose rope, 9=White tarp rope.

MARINE ROPE. 3 Strand, Black, Synthetic Polypropylene Fibre “Danline”

CHARACTERISTICS: High Strength, Low Weight, Floats, Best UV Resistance, Carbon Black Impregnated.

Least expensive, designed for marine farming, commercial fishing and other permanent outdoor applications

<u>Code</u>	<u>Size (mm dia.)</u>	<u>Coil Length (m)</u>	<u>Coil Weight (kg)</u>	<u>Approx Breaking Load (kg)</u>	<u>Price</u>
18010083	8	250	8.3	1200	_____
18010103	10	250	12.5	1800	_____
18010123	12	250	18.1	2700	_____
18010143	14	250	25.0	3600	_____
18010163	16	250	31.9	4500	_____
18010203	20	250	49.4	6900	_____
18010243	24	250	71.3	9900	_____
18010283	28	250	97.5	13200	_____
18010323	32	250	127.5	16800	_____
18010403	40	250	197.5	25700	_____

SILVER ROPE. 3 Strand, Synthetic Staple P.E. Fibre

CHARACTERISTICS: High Strength, Low Weight, Floats, Good UV Resistance.

COLOUR: White

Inexpensive, Soft to Handle, Ideal for Canvas Work, Anchor Warp, Tarpaulin Ties etc.

<u>Code</u>	<u>Size</u> (mm dia.)	<u>Coil Length</u> (m)	<u>Coil Weight</u> (kg)	<u>Approx Breaking</u> Load (kg)	<u>Price</u>
18065054	5	250	3.8	460	_____
18064064	6	250	4.5	560	_____
18064074	7	250	6.4	750	_____
18064084	8	250	8.3	960	_____
18064104	10	250	12.5	1425	_____
18064124	12	250	18.3	2030	_____
18064144	14	250	25.0	2790	_____
18064164	16	250	31.9	3500	_____
18064204	20	250	50.0	4400	_____
18064244	24	250	71.3	7500	_____
18064284	28	250	97.5	10000	_____
18064324	32	250	126.3	12800	_____

POLYESTER ROPE. 3 Strand, Synthetic Polyester Fibre

CHARACTERISTICS: High Strength, Low Stretch, Excellent Abrasion and UV Resistance, Sinks.

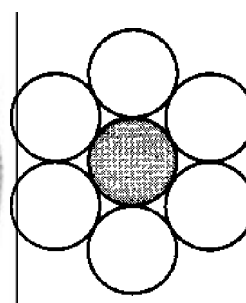
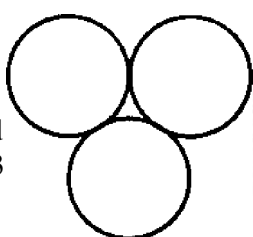
COLOUR: White.

Best rope for marine and industrial applications. The required rope for survey vessels.

<u>Code</u>	<u>Size</u> (mm dia.)	<u>Coil</u> Length (m)	<u>Coil Weight</u> (kg)	<u>Approx Breaking</u> Load (kg)	<u>Price</u>
18050064	6	250	8.3	565	_____
18050084	8	250	14.8	1020	_____
18050104	10	250	20.5	1590	_____
18050124	12	250	29.0	2270	_____
18050144	14	250	38.6	3180	_____
18050164	16	250	51.1	4100	_____
18050204	20	250	79.5	6300	_____
18050244	24	250	114.8	9100	_____
18050284	28	250	172.5	12230	_____
18050324	32	250	225.0	15690	_____
18050404	40	250	352.0	23950	_____

3 STRAND

3 strand is the oldest and simplest rope construction, consisting of 3 twisted strands laid together. 3 strand ropes are hard wearing and easily spliced.



6 STRAND

A 6 strand rope consists of 6 twisted strands laid around a central twisted core. A common construction found in wire ropes, 6 strand has a high degree of performance on winches and offers excellent shape retention

NYLON ROPE. 3 Strand, Synthetic Fibre

CHARACTERISTICS: High Strength, High Elasticity, Non Floating.

COLOUR: White

Loses 15% of strength when wet, work hardens. Polyester rope is more highly recommended for maritime use.

<u>Code</u>	<u>Size</u> (mm dia.)	<u>Coil Length</u> (m)	<u>Coil Weight</u> (kg)	<u>Approx Breaking</u> <u>Load (kg)</u>	<u>Price</u>
18042063	6	250	7.8	750	_____
18042083	8	250	13.3	1350	_____
18042103	10	250	18.8	2080	_____
18042123	12	250	26.9	3000	_____
18042143	14	250	35.0	4100	_____
18042163	16	250	45.6	4300	_____
18042203	20	250	71.3	8300	_____
18042243	24	250	102.5	12000	_____
18042283	28	250	123.3	15800	_____
18042323	32	250	160.6	20000	_____

LEAD CORE ROPE, 3 Strand

COLOUR: Grey

<u>Code</u>	<u>Size</u> (mm)	<u>Length</u> (m)	<u>Weight</u> kg per 220m	<u>Price</u>
18026065	6	220	20	_____
18026085	8	220	23	_____
18026095	9	220	32	_____
18026115	11	220	50	_____

MOORING ROPE, 6 Strand, Flexiline

CHARACTERISTICS: High abrasion resistance.
Ideal for ships with mooring winch drums

<u>Code</u>	<u>Size</u> (mm)	<u>Weight</u> kg per 100m	<u>Approximate</u> <u>Breaking Load</u>	<u>Price</u>
18042485	48	163	50t	_____
18042565	56	220	73t	_____

POLYDAC (SUPERFLEX), 3 Strand

<u>Code</u>	<u>Size</u> (mm)	<u>Weight</u> kg per 100m	<u>Approximate</u> <u>Breaking Load</u>	<u>Price</u>
18011140	40	89	22.0t	_____
18011148	48	129	37.5t	_____

MOORING & TOW ROPES

SUPERDAN. 8 Plait, Hi-tenacity Polypropylene Fibre

CHARACTERISTICS: Easily Spliced, Non Kinking, Low Stretch & Abrasion Resistance, Low Weight, Floats.

Inexpensive, Mooring Eye Spliced Each End of Each Coil, Test Certificate Available.

<u>Code</u>	<u>Approx.Dia.</u> (mm)	<u>Size</u> BS428/AS4142.2	<u>Nom. Weight</u> (kg/220m)	<u>Approx Breaking</u> Load (t)	<u>Price</u>
18006035	28	No.3/No.24	57	10.0	_____
18006036	32	No.3.5/No.28	78	14.5	_____
18006046	38	No.4/No.32	102	18.5	_____
18010404	50	No.5/No.40	174	28.4	_____
18010484	60	No.6/No.48	252	39.8	_____
18010564	70	No.7/No.56	343	52.8	_____
18010644	80	No.8/No.64	448	68.2	_____
18010724	90	No.9/No.72	568	85.8	_____
18010804	100	No.10/No.80	702	105.6	_____
18010884	110	No.11/No.88	849	127.6	_____
18010964	120	No.12/No.96	1010	149.6	_____

*Note Sizes 100mm to 120mm Indent Only. Approximate diameter is maximum cross section measured under no load.

NYLON. 8 Plait

CHARACTERISTICS: Non-floating high strength and elasticity non-rotating. Ideal for any purpose that requires high shock loading and stretch.

<u>Code</u>	<u>Size</u> (mm)	<u>Weight</u> kg/100m	<u>Approx Breaking</u> Load (t)	<u>Price</u>
18042410	10	6.2	2.2	_____
18042412	12	8.9	3.0	_____
18042414	14	12.0	4.0	_____
18042416	16	15.7	5.1	_____
18042420	20	24.5	7.7	_____
18042424	24	32.5	11.0	_____
18042428	28	47.9	14.5	_____
18042430	30	54.5	16.5	_____
18042432	32	62.5	18.5	_____

POLYESTER. 8 Plait

CHARACTERISTICS: Non-floating low stretch high strength & abrasion resistant non-rotating. Ideal for mooring lines & anchor ropes

<u>Code</u>	<u>Size</u> (mm)	<u>Weight</u> kg/100m	<u>Approx Breaking</u> Load (t)	<u>Price</u>
18053125	12	11.1	2.3	_____
18053145	14	15.1	3.0	_____
18053165	16	19.7	4.0	_____
18053205	20	30.9	6.0	_____
18053245	24	44.5	8.3	_____
18053285	28	60.5	11.0	_____
18053325	32	79.5	14.0	_____
18053405	40	123.5	21.0	_____

MOORING & TOW ROPES

NYLON BRAIDLINE. 24 Strand

<u>Code</u>	<u>Size</u> <u>in (mm)</u>	<u>Weight</u> <u>kg/100m</u>	<u>Breaking</u> <u>Load (t)</u>	<u>Price</u>
18005129	1/2" (12)	9.2	4.5	_____
18005169	5/8" (16)	16.4	8.5	_____
18005209	3/4" (20)	25.6	9.3	_____
18005259	1-0" (25)	36.9	10.7	_____
18005329	1-1/4" (32)	65.5	21.0	_____
18005389	1-1/2" (38)	92.5	32.0	_____
18005449	1-3/4" (44)	129.0	43.0	_____
18005509	2-0" (50)	160.0	54.0	_____

The strongest high abrasion resistant nylon rope.

BRAIDLINE. 24 Strand, Black

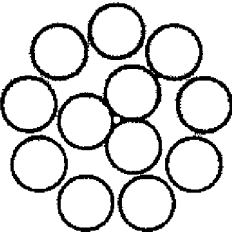
<u>Code</u>	<u>Size</u> <u>(mm)</u>	<u>Weight</u> <u>kg/100m</u>	<u>Breaking</u> <u>Load</u>	<u>Price</u>
18005255	25	40	12t	_____
18005325	32	70	20t	_____
18005405	40	110	30t	_____
18005455	45	139	37t	_____

Black is popular for mooring lines as discolouration is not a problem.

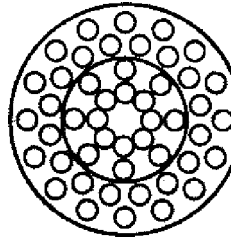
SUPERDAN BRAIDED ROPE. 12 Strand

CHARACTERISTICS: As with 8 plait, 12 plait is very strong, easy to splice and available in 500m lengths. Ideal for deep water mooring and long tow lines.

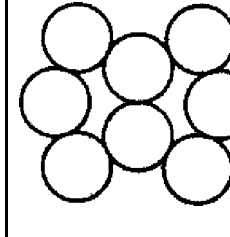
<u>Code</u>	<u>Size</u> <u>(mm)</u>	<u>Weight</u> <u>kg per 100m</u>	<u>Approximate</u> <u>Breaking Load</u>	<u>Price</u>
18011164	16	11.59	4.7t	_____
18011184	18	14.91	5.9t	_____
18011704	20	17.91	7.0t	_____
18011224	22	22.00	8.6t	_____
18011254	25	26.00	10.1t	_____
18011284	28	35.50	13.5t	_____
18011324	32	46.00	17.2t	_____



12 STRAND
12 strand rope consists of 6 'S' and 6 'Z' strands. Two plaiting configurations are used: 1 strand passing over 2 strands and under 2 strands (Steelite 12) or 2 strands passing over 2 strands and under 2 strands. 12 strand is torque balanced and its round profile provides excellent abrasion resistance due to greater surface contact. A 12 strand construction offers higher strengths over conventional constructions.



24 STRAND
Braidline rope consists of a braided core encased in a braided jacket. The core and cover of the rope each constitute about 50% of the total rope weight. Braidline gives higher elongation and is suitable for many shock load applications.



8 PLAIT
8 plait rope consists of 8 strands plaited in pairs, each pair passing over one pair and under the next. 4 'S' and 4 'Z' twisted strands make Multiplait a torque balanced construction. It is easily terminated and the twisted strands offer good resistance to abrasion.

FISH AGGREGATION DEVICE (FAD) BRAID.

12 Strand Non-rotating and Non-kinking. Easy to Splice Long Length Coils.

<u>Polyester 12 Strand.</u> Non-floating Polyester is recommended for higher strength retention and longer life in water.				<u>Polypropylene 12 Strand Superdan.</u> High strength, floating, with high resistance to UV light.			
<u>Size (mm)</u>	<u>Coil Length (m)</u>	<u>Coil Weight (kg)</u>	<u>Approx Breaking Load (kg)</u>	<u>Size (mm)</u>	<u>Coil Length (m)</u>	<u>Coil Weight (kg)</u>	<u>Approx Breaking Load (kg)</u>
16	500	98	6200	20	500	90	6500
18	500	117	7400	22	500	109	7900
24	500	210	13300	24	500	138	9600

FAD mooring lines are offered in custom made lengths with top section of polyester spliced into polypropylene bottom section. All FAD components: chain, shackles, swivels, nylon, round thimbles, floats and PVC covered wire rope are also available separately.

SUPERMAX (DYNEEMA) (SPECTRA) HI TENACITY P.E. FIBRE 12 Strand Braid

<u>Code</u>	<u>Size (mm)</u>	<u>Weight kg per 100m</u>	<u>Approx Breaking Load</u>	<u>Price</u>
18681066	6	2.3	4.2	_____
18681086	8	3.9	6.7	_____
18681106	10	5.9	10.8	_____
18681126	12	9.5	16.5	_____
18681146	14	12.8	22.0	_____
18681166	16	16.0	27.5	_____
18681206	20	25.5	41.5	_____
18681246	24	35.8	58.0	_____
18681326	32	57.0	88.5	_____

The strongest rope available for yachting winching and general purpose

YACHT BRAID. Polyester Fibre

CHARACTERISTICS: High Strength, Low Stretch, Non Kinking, Easy to Handle, Non Floating, Colour Coded. Soft construction for ease of splicing and reduced work hardening.

Uses: Sheets, Halyards, Spinnaker Guys, Downhails, Reefing Lines Furling Systems & Runners.

<u>Code</u>	<u>Size (mm)</u>	<u>Reel Length (m)</u>	<u>Reel Weight (kg)</u>	<u>Approx Breaking Load (kg)</u>	<u>Price</u>
18702066	6	100	2.5	700	_____
18702086	8	100	4.2	1250	_____
18702106	10	100	8.0	1800	_____
18702126	12	100	12.6	2600	_____
18702146	14	100	13.4	3100	_____
18702166	16	100	16.1	4000	_____

Spectra and Vectran braids on application.

POLYESTER BRAID, SMOOTH

<u>Code</u>	<u>Size (mm)</u>	<u>Reel Length (m)</u>	<u>Price</u>
18553610	1.0	100	_____
18553620	2.0	100	_____
18553625	2.5	100	_____
18553630	3.0	100	_____
18553635	3.5	100	_____
18553640	4.0	100	_____
18553645	4.5	100	_____
18553650	5.0	100	_____
18553660	6.0	100	_____

POLYESTER BRAID, COARSE

<u>Code</u>	<u>Size (mm)</u>	<u>Reel Length (m)</u>	<u>Price</u>
18553515	1.5	100	_____
18553525	2.5	100	_____
18553535	3.5	100	_____
18553545	4.5	100	_____
18553445 Black	4.5	400	_____

POLYESTER SASH CORD (SOLBRAID)

<u>Code</u>	<u>Size (No.)</u>	<u>Reel Length (m)</u>	<u>Price</u>
18610048	4	150	_____
18610058	5	150	_____
18610068	6	150	_____
18610078	7	150	_____
18610088	8	150	_____
18610098	9	150	_____
18610108	10	100	_____

POLYPROPYLENE SASH CORD, BLACK

<u>Code</u>	<u>Size (No.)</u>	<u>Reel Length (m)</u>	<u>Price</u>
18610065	6	150	_____
18610085	8	150	_____



SHOCK CORD

<u>Code</u>	<u>Size (mm)</u>	<u>Reel Length (m)</u>	<u>Price</u>
18617034	3	100	_____
18617044	4	100	_____
18617054	5	100	_____
18617064	6	100	_____
18617074	7	100	_____
18617084	8	100	_____
18617104	10	100	_____

PRE-PACKED ROPES - 3 STRAND

POLYESTER ANCHOR WARP IN 50 & 100 METRE COILS

Best for anchor warp, marine and general use. Non-floating, very strong and durable, excellent UV resistance.

<u>Code</u>	<u>Size (mm)</u>	<u>Length (m)</u>	<u>Price</u>
18003088	8	50	_____
18003089	8	100	_____
18003108	10	50	_____
18003109	10	100	_____
18003128	12	50	_____
18003129	12	100	_____

POLYPROPYLENE BLUE MULTI USE ROPE IN 50 & 100 METRE COILS

Low cost, strong, light, floating general purpose rope.

<u>Code</u>	<u>Size (mm)</u>	<u>Length (m)</u>	<u>Price</u>
18002045	4	100	_____
18002065	6	100	_____
18002085	8	50	_____
18002086	8	100	_____
18002105	10	50	_____
18002106	10	100	_____
18002125	12	50	_____
18002126	12	100	_____
18002145	14	50	_____
18002165	16	50	_____

NETTING TWINES

STAPLE POLYESTER NETTING TWINE. White, 3 Ply, 500g Spools

<u>Code</u>	<u>Size</u>	<u>Metres/500g</u>	<u>Approx. Breaking Load (kg)</u>	<u>Price</u>
18883095	10's/09	1000	25	_____
18883125	10's/12	775	34	_____
18883155	10's/15	625	42	_____
18883185	10's/18	520	50	_____
18883245	10's/24	390	67	_____
18883305	10's/30	310	84	_____
18883365	10's/36	260	100	_____

BRAIDED NYLON NETTING TWINE

FISHING & NETTING NYLON BRAID. White, 1kg Spools

<u>Code</u>	<u>Size</u>	<u>Approx. Size (mm)</u>	<u>Coil Length (m)</u>	<u>Approx Breaking Load (kg)</u>	<u>Price</u>
18851035	210/03 x16	1.0	650	40	_____
18851045	210/04 x16	1.5	550	50	_____
18851065	210/06 x16	2.0	370	65	_____
18851095	210/08 x16	2.5	270	80	_____
18851135	210/12 x16	3.0	200	150	_____
18851140	210/18 x16	3.5	140	200	_____
18851255	210/24 x16	4.0	85	300	_____
18851325	210/32 x16	4.5	60	350	_____
18851365	210/36 x16	5.0	55	400	_____
18851486	210/48 x16	6.0	40	600	_____
18851805	210/80 x16	8.0	50	880	_____

BRAIDED PURSE SEINE TWINE. Black & Treated, 1kg Spools

<u>Code</u>	<u>Twine Size</u>	<u>Feet per lb.</u>	<u>Metres/1kg Spool</u>	<u>Approx Breaking Load Dry lbs/kg</u>	<u>Price</u>
18853030	30	622	418	201/91	_____
18853036	36	520	350	246/112	_____
18853042	42	396	266	322/146	_____
18853054	54	303	204	388/176	_____
18853060	60	256	172	472/214	_____
18853072	72	224	151	566/257	_____
18853084	84	194	130	624/283	_____
18853096	96	145	97	781/354	_____
18853120	120	127	85	1001/454	_____
18853168	168	97	65	1250/567	_____
18853210	210	69	46	1640/744	_____
18853300	300	48	32	2340/1061	_____

NETTING TWINE. Nylon Braid, Black, 1kg Spools

<u>Code</u>	<u>Size</u>	<u>Approx Size (mm)</u>	<u>Approx Breaking Load (kg)</u>	<u>Length (m)</u>	<u>Price</u>
18851055	210/04 x 16	1.5	40	550	_____
18851068	210/06 x 16	2.0	50	370	_____
18851088	210/08 x 16	2.5	80	270	_____
18851128	210/12 x 16	3.0	150	200	_____
18851188	210/18 x 16	3.5	200	140	_____
18851248	210/24 x 16	4.0	300	85	_____
18851328	210/32 x 16	4.5	350	60	_____
18851368	210/36 x 16	5.0	400	55	_____

NETTING TWINE. Olivene P. E. Braided

<u>Code</u>	<u>Size</u>	<u>Pack</u>	<u>Approx. Breaking Load (kg)</u>	<u>Length (m)</u>	<u>Price</u>
18880183	1.8	1 kg spool	93	492	_____
18880253	2.5	1 kg spool	154	259	_____
18880303	3.0	1 kg spool	174	225	_____
18880353	3.5	1 kg spool	160	205	_____
18880403	4.0	1 kg spool	253	150	_____
18880503	5.0	1 kg spool	353	100	_____
18880603	6.0	1 kg spool	453	82	_____
18880703	7.0	1 kg spool	685	48	_____

NETTING TWINE. 3 Strand, P.E. Orange - 400d

<u>Code</u>	<u>Size</u>	<u>Pack</u>	<u>Approx. Breaking Load (kg)</u>	<u>Length (m)</u>	<u>Price</u>
18904220	400d/21ply	1 kg spool	57	750	_____
18904247	400d/24ply	1 kg spool	63	570	_____
18904307	400d/30ply	1 kg spool	70	518	_____
18904457	400d/45ply	1 kg spool	90	395	_____
18904607	400d/60ply	1 kg spool	104	340	_____
18904907	400d/90ply	1 kg spool	140	242	_____

NETTING TWINE. 3 Strand, P.E. Orange - 380d

<u>Code</u>	<u>Size</u>	<u>Pack</u>	<u>Approx. Breaking Load (kg)</u>	<u>Length (m)</u>	<u>Price</u>
18903216	380d/21ply	1 kg spool	54	785	_____
18903456	380d/24ply	1 kg spool	86	410	_____
18903606	380d/30ply	1 kg spool	98	350	_____
18903906	380d/45ply	1 kg spool	132	250	_____

GREEN & WHITE "POLYTEX" PERLON NETTING TWINE

Braided Polyester/Polyethylene

<u>Code</u>	<u>Size (mm)</u>	<u>Pack</u>	<u>Approx. Breaking Load (kg)</u>	<u>Length (m)</u>	<u>Price</u>
18885311	3	1 kg spool	153	246	_____
18885411	4	1 kg spool	306	109	_____
18885511	5	1 kg spool	440	77	_____

Handling, Care & Maintenance of Man-made Fibre Ropes

Some essential “Do’s” and “Don’ts”

Do not drag ropes over sharp or rough edges or over surfaces where sharp abraded particles can penetrate between strands and yarns.

Avoid unnecessary chafing over fairleads, over bulwarks, taffrails etc. All metal parts should be smooth and chafing points on ropes protected by leather, plastic or canvas parcelling or worming with small sized ropes. Winch drums must be smooth and free of rust or paint. Fairleads should be in similar condition and if of the roller type should be free running and the bearings well greased.

Avoid contamination by chemicals or fumes. If contamination is suspected, wash man-made fibre ropes in cold running water, e.g. by hosing.

Avoid exposure to all forms of heat. Avoid unnecessary exposure to the degrading influence of strong sunlight.

When joining wire and fibre ropes, e.g. in towing systems, use a fairlead fitting to protect the eye of the fibre rope from cutting by the smaller diameter wire rope.

Avoid build up of excessive turn on ropes. If this condition has occurred loops will form and if loaded, strand distortion and loss of strength will result. Work excessive twist over end of rope before straining.

Never couple a left hand laid rope to a right hand laid rope no matter what materials are used.

If the rope is on a reel, mount the reel on trestles by placing a steel bar or tube through the centre bore and unreel with rope coming from underneath the reel.

Routine Inspection

Regular inspection of ropes is a worthwhile exercise, as the life can be extended considerably by proper repair and protection at obvious chafing points. It must be emphasised that no matter what agency has weakened the rope the effect will be more serious on smaller sizes than on the larger sizes of rope. Consideration should therefore be given to the relationship of the surface area of the rope and the rope cross section.

Examination of about 300mm of rope at a time is recommended, the rope being turned to reveal all sides before continuing. At the same intervals, the strands should be opened as in splicing, but only sufficiently to allow examination of the inside bearing surfaces.

Damage due to external wear

This is the most readily noticeable cause of weakness, particularly if an unused rope is available for comparison. In the extreme the strands become so worn that their outer faces are flattened and the outer yarns severed. Assessment of the degree of wear is by observation of the number of severed yarns and the thickness relationship of the unstranded yarns at abraded and unabraded sections. A tensile test will remove any doubts about the rope's condition.

Damage due to local abrasion

This may be caused by the passage of the rope over sharp edges whilst under tension, and such damage can result in serious strength losses, particularly if, for example, a deep score is produced in the rope. A deep score extending over ten lays or more of the rope can mean that every outer yarn is damaged or cut.

Cuts, contusions, etc.

These may cause internal, as well as external damage and are indicated by local rupturing or loosening of the yarns or strands.

Internal wear

Internal wear can be detected by the tell tale signs of a loosening of strands and the presence of powdered fibre. It is most often caused when grit becomes trapped in a rope which is repeatedly flexed in wet conditions.

Overloading

An overloaded rope may be difficult to detect, and a tensile test is invaluable. Check-measurements over markers on the rope may reveal local excessive stretch due to overloading, and some hardening of the rope may be observed with a reduction in diameter and considerably reduces extension under load.

Chemical attack

This may be revealed by staining or by ease of plucking or rubbing off filaments or fibres from the yarns.

Attack by heat

This may be revealed by glazing of the rope surface, if man-made fibres are used. In extreme cases local fused sections on man-made fibre ropes indicate heat through friction and a considerable loss of strength can be expected.

If, after careful examination, doubts still exist, discard the rope or consult the rope manufacturer.

Maintenance after inspection

Cut out local damaged sections if warranted, and splice using a short splice. Do not wait for damaged sections of the rope to part under strain as the recoil effect can disturb the lay of the rope over a considerable length. Any rope which has broken through overload should be discarded.

If thimbles are loose in the eyes, through rope stretch, firm up by rack seizing. Never allow a thimble to become so loose that it can rock. Have all splices properly served or taped and ‘dogs’ firmly seized. Do not allow any tuck to become undone, every tuck is necessary for optimum splice efficiency in 3 and 8 strand rope.

Never dry any fibre rope by the use of heat. If possible, store ropes in a cool, dry, well ventilated store or locker, preferably on pallets or festooned and not exposed to strong light through glass.

Finally never stand in rope loops or in the path of a rope under strain, and have as few men as possible in the vicinity of the rope. Always make certain that the end of a man-made fibre rope is fast to bits and not just on the drum end.

Always use man-made fibre ropes for stoppers on man-made fibre hawsers and preferably on the double.

Ropes are made to be used, not abused. Abuse of ropes leads to short rope life and possible danger to the user.

The facilities at our Technical Centre are available to assist customers in the correct selection of ropes.

Storage

All ropes should be stored clean, dry, out of direct sunlight and away from extreme heat. They should be kept off the floor, on racks to provide ventilation underneath. Never store on a concrete or dirt floor, and under no circumstances should rope and acid or alkalis be kept in the same building. Some synthetic ropes (in particular polypropylene or polyethylene) may be severely weakened by prolonged exposure to ultraviolet (UV) rays unless specifically stabilized and/or pigmented to increase UV resistance. UV degradation is indicated by discolouration and the presence of splinters and slivers on the surface of the rope.

PLEASE CONTACT US IF YOUR SPECIAL REQUIREMENTS ARE NOT LISTED IN THIS CATALOGUE

