



Southern ropes

**MARINE
ROPE
CATALOGUE**

2016

CUSTOM SPECIFICATIONS

All rope presented in this catalogue can be manufactured to custom specifications (reel length, diameter, colour, and materials used can all be varied according to requirements). Please contact us directly for any unique requirements you may have.

BREAK LOAD

Break load is an average result achieved under laboratory conditions, in straight-line pulls with constantly increasing tensile loads. These conditions are rarely duplicated in actual use. Do not use breaking load for design or rating purposes, use safe working load figures. The breaking load is determined by taking the load that each line in a sample of five breaks and then dividing by five to determine the average breaking load. Break loads may vary slightly for individual reels, but safe working loads will not.

SAFE WORKING LOADS

Because of the wide range of rope use, exposure to the several factors affecting rope behaviour, and the degree of risk to life and property involved, it is impossible to make blanket recommendations as to working loads. However, to provide guidelines, working loads are tabulated for rope in good condition with appropriate splices, in non-critical applications and under normal service conditions. Please note that the recommended safe working load for all ropes presented in this catalogue is one fifth (1/5) of the breaking load.

DYNAMIC LOADS

Normal working loads are not applicable when rope is subject to significant dynamic loading. Instantaneous changes in load, up or down, in excess of 10% of the line's rated working load constitutes hazardous shock load and would void normal working loads. Whenever a load is picked up, stopped, or swung there is an increased force due to dynamic loading. The more rapidly or suddenly such actions occur, the greater the increase will be. Examples could be picking up a tow on a slack line or using a rope to stop a falling object. Therefore, in applications such as towing lines, lifelines, safety lines, climbing ropes, etc., working loads as given do not apply.

ALL SPECIFICATIONS TO BE USED AS A GUIDELINE ONLY.

Twaron® | Technora®

The power of Aramid

UHMwPE



ISO 9001:2015
REGISTERED

CE Certified

Dyneema® Fibre

REGISTERED TRADEMARKS
Technora® is a registered trademark of Twaron Teijin. ISO 9001 Registered.



ABOUT US

Southern Ropes was founded over 30 years ago in 1984. Initially the company manufactured ropes for specialist fishing operations. Southern Ropes is one of the largest manufacturers of high quality synthetic ropes. Southern Ropes provides services to an array of markets, including Rope Access, Industrial, Commercial Marine, Leisure Marine, Mining and The Armed Forces.

The original focus was to produce high tenacity, durable, UV resistant, long lasting and reliable ropes at a competitive price. Southern Ropes has since grown and diversified to become a specialist synthetic rope and cord manufacturer with an extensive product range that can meet all of their customers requirements.

Southern Ropes is at the forefront of rope innovation, combining the latest rope-making technology with strong and durable materials like, Vectran™ and Technora®. A variety of products are manufactured to both custom and standard specifications. Our world-renowned ropes conform to British (BS), European (EN) and South African (SABS) standards, with the entire company **ISO 9001 : 2008** accredited.

www.southernropes.com



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CONSTRUCTION - THE CORE

SPEC 12 (S12) UHMwPE		
RANGE	APPLICATION	FEATURES
<ul style="list-style-type: none"> > 1 - 9mm > White 	<ul style="list-style-type: none"> > Strops > Purchase systems > Runner tails > Control lines 	<ul style="list-style-type: none"> > Safer than wire > Floats and is Hydrophobic > Low creep > Easy to splice > Highly resistant to UV and most chemicals > Internal and external abrasion resistance
TECHNICAL		
<ul style="list-style-type: none"> > 12 strand single braid UHMwPE yarn that is lightly treated > Available raw or with polyurethane coating 		

SUPER 12 (SUP12) UHMwPE		
RANGE	APPLICATION	FEATURES
<ul style="list-style-type: none"> > 1 - 60mm 	<ul style="list-style-type: none"> > Lashing > Purchase systems > Strops > Control lines > Towlines 	<ul style="list-style-type: none"> > Safer than wire > Floats and is Hydrophobic > Low creep > Easy to splice > Very highly resistant to UV and most chemicals > Internal and external abrasion resistance
TECHNICAL		
<ul style="list-style-type: none"> > Light charcoal, red, blue or yellow > 12 strand single braid UHMwPE yarn that is heat set > Available raw or with polyurethane coating 		

GP 12 (GP12) UHMwPE		
RANGE	APPLICATION	FEATURES
<ul style="list-style-type: none"> > 2 - 24mm (larger diameters on request) > 200m reel > Black (colourfast solution dyed yarn) 	<ul style="list-style-type: none"> > Lashing > Purchase systems > Strops > Control lines > Towlines 	<ul style="list-style-type: none"> > Extremely high strength-to-weight ratio > Safer than wire (low recoil) > Floats > Hydrophobic > Very low creep > Easy to splice > Resistance to kinking > Very high resistivity to UV and most chemicals > Coating reduces likelihood of snagging
TECHNICAL		
<ul style="list-style-type: none"> > Material: Heat-set DK-100 (UHMwPE) with polyurethane coating > Construction: 12 strand single braid 		

GP 90 (GP90) Dyneema® Fibre		
RANGE	APPLICATION	FEATURES
<ul style="list-style-type: none"> > 2 - 5mm > Black/Charcoal > 200m reel 	<ul style="list-style-type: none"> > Lashing > Purchase systems > Strops > Control lines > Towlines 	<ul style="list-style-type: none"> > Extremely high strength-to-weight ratio > Safer than wire (low recoil) > Floats > Hydrophobic > Very low creep > Easy to splice > Resistance
TECHNICAL		
<ul style="list-style-type: none"> > 12 Strand braid made with Dyneema® fibre and heatset using Megaba™ Thermofixation treatment. 		

VEC 12 (V12) Vectran™		
RANGE	APPLICATION	FEATURES
<ul style="list-style-type: none"> > 2 - 20mm > 200m reel 	<ul style="list-style-type: none"> > Guys and sheets > Halyards > Check stays > Runner tails > Kickers > Strops 	<ul style="list-style-type: none"> > Zero creep > Extremely high strength-to-weight ratio > High abrasion resistant > High heat resistant > Easy to splice > Does not float > Ultra-low stretch
TECHNICAL		
<ul style="list-style-type: none"> > Available in natural gold colour with purple marker > 12 strand single braid yarn that is heat set > Available raw or with polyurethane 		

TECHNICAL: BREAK LOADS

Average break load in kilograms - Larger break loads available on request

DIAMETER	SPEC 12	SUPER 12	GP 12	GP 90	VEC 12
1		280			
1.5	250	440			
1.75	400	590			
2	600	880		946	750
3	900	1300	1368	1397	1200
3.5	1300	1700	1789	1827	
4	1770	2220	2336	2387	1800
5	2200	3100	3263	3333	2400
6	3000	3900	4105	4193	3400
7	3900	5300	5578	5698	
8	5500	6660	6947	7096	6200
9	6600	8400	8842	9032	
10		9700	10210	10430	9800
11		10900	11473	11720	
12		12600	13263	13548	12600
13					
14		17600	18526	18924	17000
15					
16		21300		22903	22500
17		26100		28064	
18		30000		32258	28500
20		40300		43333	35000
22		48300			
24		57000			
26		66500			
28		76000			
30		82500			
32		84600			
36		106800			
40		131040			
44		157200			
48		181400			
52		201600			
56		230400			
60		268200			

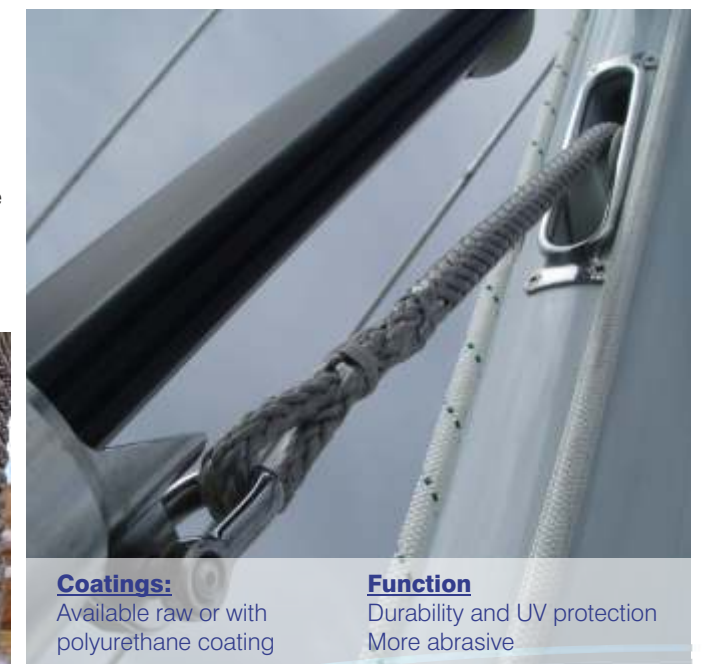
Super 12 total fibre linear density exceeds the ISO 10325 minimum linear density specifications for HMPE fibre rope 12 strand construction specifications for all diameters of each product.

THERMOFIXATION PROCESS OF SOUTHERN ROPES GRAND PRIX RANGE

The GP Range is made using the latest thermofixation process machinery. The process incorporates a colour treatment and stretching under controlled temperatures with a precise continuous applied load to orientate the molecular chain structure of the UHMwPE fibres in the ideal load direction of the rope.

This process achieves significant improvements in the breakload of the rope and virtually eliminates the 'creep' compared to merely just braiding 'strong' fibres together and applying traditional urethane with heat treatment. This process compacts the yarns and increases the net fibre density of the rope.

Once the core has been braided with the cover it goes through another heat treatment stage to stabilize the cover jacket. This makes the GP Range stronger and more durable than standard production performance ropes on the market.



Coatings:
Available raw or with polyurethane coating

Function
Durability and UV protection
More abrasive

CONSTRUCTION - THE COVER

Custom Production

- Southern Ropes can make up custom jackets to suit your needs. (Technora®, Nomex®, PBO®, Vectran™, Aramid).
- Southern Ropes can make a 24 or 32 carrier jacket.
- For the Classic and Super Yachts we do beige, white, grey and navy solid covers over any of our cores.
- Machine eye splicing available.
- For technical advice and custom production please consult with us.



Machine Eye Splice

Snake Skin

- This cover configuration has lines of fibres that create a better dispersion of heat and grip on the winch or in the clutch.



Snake Skin Sheets

Mottled

- The different fibre types are blended together, which assists with heat distribution and abrasion on the winch or in the clutch.



Mottled

Chafe Cover

- Offers extra protection where there is extra wear on the rope such as in the clutch or on standing rigging.
- Available in Vectran™, PBO®, UHMwPE and Technora®
- See page 26

Soft Shackles

Soft Shackles are the perfect replacement for the traditional metal snap shackle and screw shackles. Soft Shackles are made out of HMPE and are adjustable. The shackle is made to connect strops or slings to vehicles, blocks or sheets on a boat. The Soft Shackle is a versatile tool with many applications.

The advantage of the soft shackle is that it is light and easy to handle. You do not need a special tool to open or close them as you can pull them open by hand. The shackle will pull tight under tension and then once it is relaxed it will be easy to open. The shackle will not damage anything around it or corrode or rust.



Soft Shackles

Soft Shackles



Different Cover Advantage

TYPES OF FIBRES:

These are the fibres that are the building blocks of the ropes or braids we manufacture. **UHMwPE** (ultra-high-molecular-weight polyethylene) which is commonly sold under the brand name Spectra®, also known as HMPE (High Modulus Polyethylene). UHMwPE is very lightweight and extremely strong. The melting point for UHMwPE is 150°C but starts to lose its strength at 65°C.

Aramid refers to **Kevlar®**, Technora® and Twaron®. Aramid fibres have a very high heat resistance of up to 500°C. Aramid fibres have very low stretch and a low creep.

LCP (Liquid Crystal Polymer) refers to **Vectran®**. Vectran® breaks down at 330°C with loss of strength above 220°C. Vectran® fibres have very low stretch and low creep.

Zylon (PBO) has a tensile strength which is approximately 1.6 times that of Aramid fibres. Like Kevlar®, Zylon® is used in a number of applications that require very high strength with excellent thermal stability. Zylon® will only start to breakdown at 650°C.

Nomex® has high heat resistance and chemical resistance. Nomex® decomposition rate is only after the temperature exceeds 350°C; however, the material does not melt.

Polyester fibres are used where strength, low stretch and durability is needed. Polyester blends well with other fibres such as the Aramid fibres and makes a very good cover. The melting point of polyester is 260°C but starts to lose its strength at 150°C.

Nylon has good strength and recovery characteristics. Nylon can stretch up to 35% of its length before it will break. Nylon will melt at 220°C but starts to lose its strength at 150°C.

Polypropylene is a low cost and light weight option. Polypropylene melts at 140°C but starts to lose its strength at 90°C.

	ABRASION	JAMMER & WINCH GRIP	WINCH CONTROL
Polyester		6	1
Nomex - Polyester	2	7	3
Technora® - Polyester	3	10	2
PBO - Polyester	5	8	4
Technora® - Nomex	3	8	3
PBO	7	9	5
Technora® - PBO	7	8	4
Technora® - Dyneema® Fibre	10	6	2
Vectran™ - Polyester	3	6	2

MELTING POINTS OF FIBRES:

UHMwPE	150°C
Aramid	500°C
Vectran™	330°C
Zylon (PBO)	650°C
Nomex	350°C
Polyester	260°C

GP-T Braid



GP-T Braid Jib sheets that have sailed around the world



HIGH PERFORMANCE

GP90 BRAID (GP90B)



RANGE

- > 6 - 24mm (larger diameters available on request)
- > 200m reels
- > Available in mottled colours

APPLICATION

- > Tapered Sheets
- > Tapered Control Lines
- > Tapered Halyards

FEATURES

- > Lightweight
- > Ultra-low stretch
- > UV Resistant core
- > Abrasion resistant cover

Dyneema® Fibre

TECHNICAL

- > Cover: HT Polyester blend
- > Core: GP90, 12 Strand braid made with Dyneema® fibre and heatset using Megaba™ Thermofixation treatment

GP90 - T BRAID (GP90TP)



RANGE

- > 6 - 24mm (larger diameters available on request)
- > 200m reels
- > Available in mottled colours

APPLICATION

- > Tapered Sheets
- > Tapered Control Lines
- > Tapered Halyards

FEATURES

- > 500°C decomposition temperature of Technora®
- > Good grip around blocks and in cleats
- > Ultra-low stretch
- > Low Creep

Dyneema® Fibre **Technora®**

TECHNICAL

- > Cover: Technora® / HT Polyester
- > Core: GP90, 12 Strand braid made with Dyneema® fibre and heatset using Megaba™ Thermofixation treatment

GP BRAID (GPB)



RANGE

- > 2 - 24mm (larger diameters available on request)
- > 200m reels
- > Available in different mottle colours

APPLICATION

- > Tapered Sheets
- > Tapered Control Lines
- > Tapered Halyards

FEATURES

- > Lightweight
- > Ultra-low stretch
- > UV Resistant core
- > Abrasion resistant cover

UHMwPE

TECHNICAL

- > Cover: HT Polyester
- > Core: GP12 made from DK-100 (UHMwPE) fibre
- > Construction: Braid on Braid

GP - T BRAID (GPTP)



RANGE

- > 2 - 24mm (larger diameters available on request)
- > 200m reels
- > Available in Black Technora® with a Polyester colour mottle

APPLICATION

- > Tapered Sheets
- > Tapered Control Lines
- > Tapered Halyards

FEATURES

- > 500°C decomposition temperature of Technora®
- > Good grip around blocks and in cleats
- > Ultra-low stretch
- > Low creep

UHMwPE **Technora®**

TECHNICAL

- > Cover: Technora® / HT Polyester
- > Core: GP12 made from DK-100 (UHMwPE) fibre
- > Construction: Braid on Braid

TECHNICAL: BREAK LOADS: Kilograms - Larger break loads available on request.

MM	6	7	8	9	10	12	14
GP90 BRAID / GP90 - T BRAID	1397		4193		7096	10430	13548
GP BRAID / GP - T BRAID	1789	3263	4105	5578	6947	10210	13263



HIGH PERFORMANCE

ARAMID RUNNER BRAID (ARB)



- RANGE**
- > 4 - 24mm
 - > 100m & 200m reels
 - > Available only with Charcoal/Gold Aramid Mottle

- APPLICATION**
- > Halyards
 - > Reefing lines
 - > Control lines
 - > Sheets & guys
 - > Traveller lines

- FEATURES**
- > Heat stability, 500°C decomposition temperature of Aramid
 - > Good grip around blocks and in cleats
 - > Excellent Performance /weight ratio
 - > Low creep
 - > High tensile strength
 - > Non-conductive

UHMwPE **Aramid**

- TECHNICAL**
- > Cover: 100% Aramid
 - > Core: Super 12
 - > 12 Strand single braid UHMwPE
 - > Southern Ropes urethane coated
 - > Heat set
 - > Construction: Braid on Braid

SUPER T BRAID (STPB)



- RANGE**
- > 4 - 24mm
 - > 200m reels
 - > Available in different colours with Charcoal or Gold Technora®. Red, Blue, Green, Grey, Yellow

- APPLICATION**
- > Halyards
 - > Reefing lines
 - > Control lines
 - > Sheets & guys
 - > Traveller lines

- FEATURES**
- > 500°C decomposition temperature of Technora®
 - > Ultra-low creep
 - > Technora® prevents slippage in jammer
 - > Durable on the winch and in blocks

UHMwPE **Technora®**

- TECHNICAL**
- > Cover: Technora® / HT Polyester
 - > Core: Super 12
 - > 12 strand single braid UHMwPE
 - > Southern Ropes urethane coated
 - > Heat set
 - > Construction: Braid on Braid

SUPER TW BRAID (STW)



- RANGE**
- > 4 - 24mm
 - > 200m reels
 - > Available in different colours with charcoal Aramid Red, Green, Yellow

- APPLICATION**
- > Halyards
 - > Reefing lines
 - > Control lines
 - > Sheets & guys
 - > Traveller lines

- FEATURES**
- > Heat stability, 500°C decomposition temperature of Aramid
 - > Good grip around blocks and in cleats
 - > Excellent Performance /weight ratio
 - > Low creep
 - > High tensile strength
 - > Non-conductive

UHMwPE **Aramid**

- TECHNICAL**
- > Cover: Aramid / HT Polyester
 - > Core: Super 12
 - > 12 strand single braid UHMwPE
 - > Southern Ropes urethane coated
 - > Heat set
 - > Construction: Braid on Braid

SUPER BRAID (SUPB)



- RANGE**
- > 4 - 24mm
 - > 200m reels
 - > Available in mottled colours - Blue, Red, Green, Yellow, Black
 - > Solid colours available on request: Grey, White, Beige, Navy and Black

- APPLICATION**
- > Halyards
 - > Reefing lines
 - > Control lines
 - > Sheets & guys
 - > Traveller lines

- FEATURES**
- > Lightweight
 - > Low creep
 - > UV resistance core
 - > Polyester sheath prevents block and jammer slippage

UHMwPE

- TECHNICAL**
- > Cover: HT Polyester
 - > Core: Super 12
 - > 12 strand UHMwPE yarn
 - > Southern Ropes urethane coated
 - > Heat set
 - > Construction: Braid on Braid

TECHNICAL: BREAK LOADS:

Break loads in Kilograms for the above ropes - Larger break loads available on request.

DIAMETER (mm)	6	7	8	9	10	12	14	16	18	20	22	24
ARAMID RUNNER BRAID												
SUPER T BRAID	1770	3100	3990	5320	6660	9760	12600	17640	21380	26130	30090	40390
SUPER TW BRAID												
SUPER BRAID												



CRUISING

SUPER SPEED (SPB)



RANGE	APPLICATION	FEATURES	TECHNICAL
<ul style="list-style-type: none"> > 2 - 24mm > 200m reels > Available in solid colours with a black marker fleck - Blue, Red, Green, White, Yellow, Black 	<ul style="list-style-type: none"> > Halyards > Sheets > Control lines > Runner tails > Reefing lines 	<ul style="list-style-type: none"> > Lightweight > Low creep > UV resistance core > Polyester sheath prevents block and jammer slippage > Good for cruising yachts 	<ul style="list-style-type: none"> > Cover: HT Polyester > Core: Spec 12 <ul style="list-style-type: none"> > White > Construction: Braid on Braid

YACHTMASTER SOLID COLOURS (RBS)



RANGE	APPLICATION	FEATURES	TECHNICAL
<ul style="list-style-type: none"> > 5 - 24mm > 200m reels > Available in solid colours - Red, Green, Blue, Yellow, Black, Grey, White, Beige, Navy or White 	<ul style="list-style-type: none"> > Halyards > Reefing lines > Control lines > Sheets & guys > Travellers lines 	<ul style="list-style-type: none"> > Low creep > High tenacity and abrasion resistance > High resistancy to UV and most chemicals 	<ul style="list-style-type: none"> > Cover: HT Polyester > Core: HT Polyester Braid > Construction: Braid on Braid

YACHTMASTER WITH FLECK (RB)



RANGE	APPLICATION	FEATURES	TECHNICAL
<ul style="list-style-type: none"> > 6 - 24mm > 200m reels > Available in Fleck Blue, Red, Green, Yellow, Black 	<ul style="list-style-type: none"> > Halyards > Reefing lines > Control lines > Sheets & guys > Travellers lines 	<ul style="list-style-type: none"> > Low creep > High tenacity and abrasion resistance > High resistancy to UV and most chemicals 	<ul style="list-style-type: none"> > Cover: HT Polyester > Core: HT Polyester Braid > Construction: Braid on Braid

VECTRAN BRAID (VB)



RANGE	APPLICATION	FEATURES	TECHNICAL
<ul style="list-style-type: none"> > 4 - 24mm > 200m reels > Available in mottle colours: Blue, Red, Green, Yellow, Black. Solid Colours available on request: Grey, White, Beige, Navy and Black 	<ul style="list-style-type: none"> > Sheets and guys > Halyards > Runner tails > Control lines 	<ul style="list-style-type: none"> > Zero creep > Ultra-low creep > Durable on the winch and in blocks > Extremely high strength-to-weight ratio > Polyester sheath prevents block and jammer slippage > High abrasion resistance 	<ul style="list-style-type: none"> > Cover: 100% HT Polyester > Core: Vec 12 – Vectran™ <ul style="list-style-type: none"> > 12 - Strand single braid Vectran™ > Southern Ropes urethane coated > Heat set > Construction: Braid on Braid

TECHNICAL: BREAK LOADS: Kilograms - Larger break loads available on request.

DIAMETER (mm)	2	3	4	5	6	8	10	12	14	16	18	20	22	24
SUPER SPEED	280	440	590	1184	1330	3100	5320	8436						
YACHTMASTER						1700	2350	3250	4200	5600	7800			
VECTRAN						3650	5840	7500	10100	11950	14500	18800	21500	25300



Vectran™

CLASSIC YACHTS

SUPER T BRAID (SUPT)



- RANGE
- > 4 - 24mm
 - > 200m reels
 - > Available in different colours with Charcoal or Gold Technora®. Red, Navy, Green, Blue, Yellow

- APPLICATION
- > Halyards
 - > Reefing lines
 - > Control lines
 - > Sheets & guys
 - > Traveller lines

- FEATURES
- > 500°C decomposition temperature of Technora®
 - > Ultra-low creep
 - > Technora® prevents slippage in jammer
 - > Durable on the winch and in blocks

- TECHNICAL
- > Cover: Technora® / HT Polyester
 - > Core: Super 12
 - > 12 strand single braid UHMwPE
 - > Southern Ropes urethane coated
 - > Heat set
 - > Construction: Braid on Braid

UHMwPE **Technora®**

SUPER BRAID (SUPB)



- RANGE
- > 4 - 24mm
 - > 200m reels
 - > Available in mottled colours - Blue, Red, Green, Yellow, Black
 - Solid colours available on request: Grey, White, Beige, Navy and Black

- APPLICATION
- > Halyards
 - > Reefing lines
 - > Control lines
 - > Sheets & guys
 - > Traveller lines

- FEATURES
- > Lightweight
 - > Low creep
 - > UV resistance core
 - > Polyester sheath prevents block and jammer slippage

- TECHNICAL
- > Cover: HT Polyester
 - > Core: Super 12
 - > 12 strand UHMwPE yarn
 - > Southern Ropes urethane coated
 - > Heat set
 - > Construction: Braid on Braid

UHMwPE

YACHTMASTER SOLID COLOURS (RBS)



- RANGE
- > 6 - 24mm
 - > 200m reels
 - > Available in solid colours - Red, Green, Blue, Yellow, Black, Grey, White, Beige, Navy or White with fleck
 - Blue, Red, Green, White, Yellow, Black

- APPLICATION
- > Halyards
 - > Reefing lines
 - > Control lines
 - > Sheets & guys
 - > Travellers lines

- FEATURES
- > Low creep
 - > High tenacity and abrasion resistance
 - > High resistancy to UV and most chemicals

- TECHNICAL
- > Cover: HT Polyester
 - > Core: HT Polyester Braid
 - > Construction: Braid on Braid

3 STRAND POLYESTER



- RANGE
- > 4 - 46mm
 - > 200mm reels
 - > Available in White, Navy Blue, Olive Green, Burgundy and other colours on request

- APPLICATION
- > Anchor lines
 - > Mooring lines
 - > Lanyards
 - > Fender lines
 - > Towing lines
 - > Net frame ropes
 - > General purpose industrial ropes

- FEATURES
- > BS EN 697:1995
 - > Strength not affected by water
 - > Does not shrink
 - > UV resistant
 - > Abrasion resistant
 - > Sinking rope

- TECHNICAL
- > Material: HT Polyester
 - > Construction: 3 Strand Hawser Lay


TECHNICAL: BREAK LOADS: Kilograms - Larger break loads available on request.

DIAMETER (mm)	6	7	8	9	10	12	14	16	18	20	22	24	26	28
SUPER T BRAID SUPER BRAID	1770	3100	3990	5320	6660	9760	12600	17640	21380	26130	30090	40390		
YACHTMASTER			1700		2350	3250	4200	5600	7800					
3 STRAND POLYESTER	850		1450		2290	3450	4400	6000	7000	8400	10800	12500	14250	16500




SUPER 12 (SUP12)

UHMwPE

	<div>RANGE</div> <div><div>> 1 - 60mm</div><div>> Light charcoal, red, blue, flo yellow or yellow</div><div>> 12 strand single braid UHMwPE yarn that is heat set</div><div>> Available raw or with polyurethane coating</div></div>	<div>APPLICATION</div> <div><div>> Lashing</div><div>> Purchase systems</div><div>> Strops</div><div>> Control lines</div><div>> Towlines</div></div>	<div>FEATURES</div> <div><div>> Safer than wire</div><div>> Floats and is hydrophobic</div><div>> Low creep</div><div>> Easy to splice</div><div>> Very highly resistant to UV and most chemicals</div><div>> Internal and external abrasion resistance</div></div>	<div>TECHNICAL</div> <div><div>> Cover: HT Polyester</div><div>> Core: Super 12</div><div>> 12 strand UHMwPE yarn</div><div>> Southern Ropes urethane coated</div><div>> Heat set</div><div>> Construction: Braid on Braid</div></div>
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SUPER SPEED (SPB)

UHMwPE

	<div>RANGE</div> <div><div>> 2 - 24mm</div><div>> 200m reels</div><div>> Available in solid colours with a black marker fleck - Blue, Red, Green, White, Yellow</div></div>	<div>APPLICATION</div> <div><div>> Halyards</div><div>> Sheets</div><div>> Control lines</div><div>> Runner tails</div><div>> Reefing lines</div></div>	<div>FEATURES</div> <div><div>> Lightweight</div><div>> Low creep</div><div>> UV resistance core</div><div>> Polyester sheath prevents block and jammer slippage</div><div>> Good for cruising yachts</div></div>	<div>TECHNICAL</div> <div><div>> Cover: HT Polyester</div><div>> Core: Spec 12</div><div>> White</div><div>> Construction: Braid on Braid</div></div>
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SUPER BRAID (SUPB)

UHMwPE


	<div>RANGE</div> <div><div>> 4 - 24mm</div><div>> 200m reels</div><div>> Available in mottled colours - Blue, Red, Green, White, Yellow, Black</div><div>> Solid colours available on request: Grey, White, Beige, Navy</div></div>	<div>APPLICATION</div> <div><div>> Halyards</div><div>> Reefing lines</div><div>> Control lines</div><div>> Sheets & guys</div><div>> Traveller lines</div></div>	<div>FEATURES</div> <div><div>> Lightweight</div><div>> Low creep</div><div>> UV resistance core</div><div>> Polyester sheath prevents block and jammer slippage</div></div>	<div>TECHNICAL</div> <div><div>> Cover: HT Polyester</div><div>> Core: Super 12</div><div>> 12 strand UHMwPE yarn</div><div>> Southern Ropes urethane coated</div><div>> Heat set</div><div>> Construction: Braid on Braid</div></div>
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SUPER T BRAID (STPB)

UHMwPE Technora®

	<div>RANGE</div> <div><div>> 4 - 24mm</div><div>> 200m reels</div><div>> Available in different colours with Charcoal or Gold Technora®. Red, Navy, Green, Blue, Yellow</div></div>	<div>APPLICATION</div> <div><div>> Halyards</div><div>> Reefing lines</div><div>> Control lines</div><div>> Sheets & guys</div><div>> Traveller lines</div></div>	<div>FEATURES</div> <div><div>> 500°C decomposition temperature of Technora®</div><div>> Ultra-low creep</div><div>> Technora® prevents slippage in jammer</div><div>> Durable on the winch and in blocks</div></div>	<div>TECHNICAL</div> <div><div>> Cover: Technora® / HT Polyester</div><div>> Core: Super 12</div><div>> 12 strand single braid UHMwPE</div><div>> Southern Ropes urethane coated</div><div>> Heat set</div><div>> Construction: Braid on Braid</div></div>
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POLYLOCK (PL)

	<div>RANGE</div> <div><div>> 4 - 8mm</div><div>> 100m to 200m reels</div><div>> Available in Black, red and white colour combinations</div></div>	<div>APPLICATION</div> <div><div>> Halyards</div><div>> Sheets</div><div>> Control lines</div><div>> Out / Downhauls</div><div>> Kickers</div></div>	<div>FEATURES</div> <div><div>> Limited water absorption</div><div>> Low creep</div><div>> Abrasion resistant</div></div>	<div>TECHNICAL</div> <div><div>> Cover: 8-plait HT Polyester</div><div>> Core: 8 plait Polyester</div><div>> Construction: Braid-on-Braid</div></div>
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TECHNICAL: BREAK LOADS: Kilograms - Larger break loads available on request.

DIAMETER (mm)	2	3	4	5	6	7	8	9	10	12
SUPER 12	880	1300	2220	3100	3900	5300	6660	8400	9700	10900
SUPER SPEED	280	440	590	1184	1330		3100		5320	8436

DIAMETER (mm)	4	5	6	7	8	9	10	12	14	16	18	20	22	24
SUPER BRAID			1770	3100	3990	5320	6660	9760	12600	17640	21380	26130	30090	40390
SUPER T BRAID														
POLYLOCK	360	590	780		1350									

DINGHY

SUPER LITE (DL)



RANGE	APPLICATION	FEATURES	TECHNICAL
<ul style="list-style-type: none"> > 3,4,5, 6mm > 100m to 200m reels > Available in multiple colour combinations 	<ul style="list-style-type: none"> > Halyards > Sheets > Control lines > Out / Downhauls > Kickers 	<ul style="list-style-type: none"> > Lightweight > Low stretch > Abrasion resistant 	<ul style="list-style-type: none"> > Cover: HT Polyester > Core: HT Polyester / UHMwPE parallel yarns > Construction: Cover-on-Braid

LASER LINE (LL)



RANGE	APPLICATION	FEATURES	TECHNICAL
<ul style="list-style-type: none"> > 2 - 8mm > 100m to 200m reels > Available in assorted colours with a triple fleck 	<ul style="list-style-type: none"> > Control lines > General applications where stretch is not critical 	<ul style="list-style-type: none"> > Limited water absorption > Good strength 	<ul style="list-style-type: none"> > Core: Multifilament Polypropylene > Cover: 16 plait MFP > Construction: Braid-on-Braid

MARSTRAND (MAR)



RANGE	APPLICATION	FEATURES	TECHNICAL
<ul style="list-style-type: none"> > 5 - 8mm > 100m to 200m reels > Available in different mottled colours - Blue, Red and Yellow 	<ul style="list-style-type: none"> > Sheets > Rescue lines 	<ul style="list-style-type: none"> > Soft and easy to handle > Floats > Hydrophobic > UV resistant 	<ul style="list-style-type: none"> > Cover: Multi-filament Polypropylene > Core: Multi-filament Polypropylene > Construction: 8 plait 16 plait

WINDSURFER CONTROL LINE (WCL)



RANGE	APPLICATION	FEATURES	TECHNICAL
<ul style="list-style-type: none"> > 3.8mm > 200m reels > Available in White or Black and White 	<ul style="list-style-type: none"> > Windsurfer control line > Dinghy control line > Traveller line 	<ul style="list-style-type: none"> > Floats > Easy to grip > Cleats well 	<ul style="list-style-type: none"> > Ultra lightweight > Low stretch > Abrasion resistant > Construction: 12 strand 100% UHMwPE > Tight braid

UHMwPE

SHEETLINE (ZS 75) / SHEETLINE LIGHT (ZS 75 LITE)



RANGE		APPLICATION		FEATURES		TECHNICAL	
Sheetline	Sheetline Light	Sheetline	Sheetline Light	Sheetline	Sheetline Light	Sheetline	Sheetline Light
> 6mm	> 5.5mm	> Laser mainsheet	> Extreme lightweight mainsheet	> Grippy	> Grippy	> Cover: Spun Polyester & Polyester	> Cover: Multifilament Polypropylene + Spun Polyester
> 100m to 200m reels	> 100m to 200m reels			> Hard wearing polyester cover	> Non-absorbent	> Core: 12 Strand UHMwPE	> Core: 12 Strand UHMwPE & Multifilament Polypropylene
> Available in mottled Red	> Available in mottled Yellow				> Floats	> Construction: Braid on Braid	> Construction: Braid on Braid
					> Lighter		

UHMwPE

XD LIGHT NON TWIST (XDL)



RANGE	APPLICATION	FEATURES	TECHNICAL
<ul style="list-style-type: none"> > 6.5mm > 100m to 200m reels > Available in blue with a yellow fleck 	<ul style="list-style-type: none"> > Lengthy mainsheet 	<ul style="list-style-type: none"> > Non-rotating > Non locking > Easy to handle line 	<ul style="list-style-type: none"> > Cover: HT Polyester > Core: Multifilament Polypropylene 12 strand > Construction: A blend of Fibrebrite® polyester and multifilament fibres

TECHNICAL: BREAK LOADS: Kilograms - Larger break loads available on request.

DIAMETER (mm)	2	3	4	5	6	7	8
SUPER LITE		175	300	450	500		
LASER LINE	120	250	375	490	585	700	900
MARSTRAND			1450	2100	3360		7680


DIAMETER (mm)	3.8	5.5	6
WINDSURFER CONTROL LINE	1200		
SHEETLINE			720
SHEETLINE LIGHT		720	
XD LITE			860



SAIL MAKERS


VECLOCK (VL)

Vectran™

	RANGE	APPLICATION	FEATURES	TECHNICAL
	<ul style="list-style-type: none"> > 4 - 6mm > 100m to 200m reels > Available in black, red and yellow colour combinations 	<ul style="list-style-type: none"> > Control lines > Sheets > Halyards > Rope that is under constant tension, which should not elongate over time. 	<ul style="list-style-type: none"> > Low creep > Abrasion resistant 	<ul style="list-style-type: none"> > Cover: 8-plait HT Polyester > Core: Vectran™ > Construction: Braid-on-Braid


DYNALOCK (DYL)

UHMwPE


	RANGE	APPLICATION	FEATURES	TECHNICAL
	<ul style="list-style-type: none"> > 4 - 6mm > 100m to 200m reels > Available in black, blue and yellow colour combinations 	<ul style="list-style-type: none"> > Control lines > Sheets > Halyards > Out / Downhauls > Reefing lines > Kickers 	<ul style="list-style-type: none"> > Low creep > Abrasion resistant 	<ul style="list-style-type: none"> > Cover: 8-plait HT Polyester > Core: UHMwPE > Construction: Braid-on-Braid

TITAN BRAID (T)

UHMwPE

	RANGE	APPLICATION	FEATURES	TECHNICAL
	<ul style="list-style-type: none"> > 1.5, 2, 3, 4 & 5mm > 100m to 200m reels > Available in white with a black marker and solid white 	<ul style="list-style-type: none"> > Keel boat leech lines > Control lines > Sheets > Halyards > Out / Downhauls 	<ul style="list-style-type: none"> > Abrasion resistant > UV resistant > Low friction > Ultra low stretch > Low creep 	<ul style="list-style-type: none"> > Cover: UHMwPE > Core: Braided Polyester HT > Construction: Braid-on-Braid

BOLT ROPE

	RANGE	APPLICATION	FEATURES	TECHNICAL
	<ul style="list-style-type: none"> > 4 - 8mm (larger diameters available on request) > 200m reels > Available in white 	<ul style="list-style-type: none"> > Hard braided luff line > Designed specifically for use with luff grove sails 	<ul style="list-style-type: none"> > Ultra low stretch > UV resistant > Abrasion resistant cover > Accurate and stable diameter when in use and under load 	<ul style="list-style-type: none"> > Cover: HT Polyester > Core: HT Polyester > Construction: Braid-on-Braid

TECHNICAL: BREAK LOADS:

Kilograms - Larger break loads available on request.

DIAMETER (MM)	3	4	5	6	7	8
DYNALOCK		350	540	770		
VECLOCK		350	540	770		
TITAN BRAID	400	500	720	1100		
BOLT ROPE		480	540	700	950	1255



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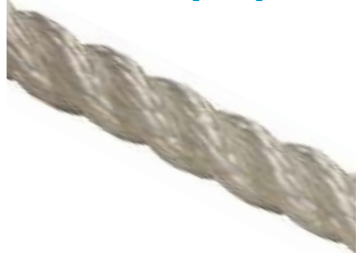
MOORING

POLYESTER (PS)



RANGE	APPLICATION	FEATURES	TECHNICAL
<ul style="list-style-type: none">> 4 - 46mm> 200mm reels> Available in White, Navy Blue, Olive Green, Burgundy and other colours on request	<ul style="list-style-type: none">> Anchor lines> Mooring lines> Lanyards> Fender lines> Towing lines> Net frame ropes> General purpose industrial ropes	<ul style="list-style-type: none">> BS EN 697:1995> Strength not affected by water> Does not shrink> UV resistant> Abrasion resistant> Sinking rope	<ul style="list-style-type: none">> Material: HT Polyester> Construction: 3 Strand Hawser Lay

NYLON (PA)



RANGE	APPLICATION	FEATURES	TECHNICAL
<ul style="list-style-type: none">> 4 - 44mm> 200mm reels> Available in White	<ul style="list-style-type: none">> Anchor warps> Mooring lines> Towing lines> Fishing lines> Kinetic ropes> Parachute anchor lines	<ul style="list-style-type: none">> BS EN 943:2002> Sinking rope> Excellent stretch and recovery characteristics	<ul style="list-style-type: none">> Material: Nylon/Polyester> Construction: 3 strand

MULTIFILAMENT (MFPP)



RANGE	APPLICATION	FEATURES	TECHNICAL
<ul style="list-style-type: none">> 4 - 16mm> 200m reel> Available in solid colours and colour combinations	<ul style="list-style-type: none">> General purpose> Draw cords> Decorative cords> Retaining cords> Tie-downs> Light duty control lines	<ul style="list-style-type: none">> Lightweight> Soft hand> Floats	<ul style="list-style-type: none">> Round: Cover: Multifilament Polypropylene Core: None Construction: Single Braid> Flat: Cover: Multifilament Polypropylene Core: Multifilament Polypropylene Construction: Braid on Twist

TECHNICAL: BREAK LOADS: Kilograms - Larger break loads available on request.


MM	4	5	6	8	10	12	14	16	18	20	22	24	26	28
POLYESTER			850	1450	2290	3450	4400	6000	7000	8400	10800	12500	14250	16500
NYLON			750	1350	2080	3000	4100	5300	6700	8300	10000	12000	13900	15800
MULTIFILAMENT	325	420	500	1020	1590	2250	3180	4060	5080					

More break loads available on request




MOORING


ANCHOR BRAID - (OCTOPLAIT) (PS8)

	<div>RANGE</div> <div><div>> 12 - 32mm</div><div>> 20kg reels</div><div>> Available in White</div></div>	<div>APPLICATION</div> <div><div>> Anchor lines</div><div>> Mooring lines</div><div>> Towing lines</div><div>> Drogue lines</div><div>> Children's toys</div></div>	<div>FEATURES</div> <div><div>> Low stretch</div><div>> High tenacity</div><div>> Abrasion resistance</div><div>> High resistivity to UV and most chemicals</div></div>	<div>TECHNICAL</div> <div><div>> Material: HT Polyester or Nylon</div><div>> Construction: 8 Single Braid</div></div> <div>Manufacture according to BS/EN 71-2:2003 (Flammability) BS/EN 71-3:1995 Incl. A1:2000, for the use in children toys.</div>
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DOCK LINE (MDL)

	<div>RANGE</div> <div><div>> 10 - 36mm</div><div>> 220m reels</div><div>> Available in black, navy and white</div></div>	<div>APPLICATION</div> <div><div>> Mooring lines</div><div>> Fender lines</div><div>> Painter lines</div></div>	<div>FEATURES</div> <div><div>> Durable</div><div>> Excellent stretch recovery</div><div>> Easy to handle</div><div>> Easy stowing</div></div>	<div>TECHNICAL</div> <div><div>> Cover: HT Polyester</div><div>> Core: Nylon</div></div> <div>> Construction: Braid-on-Braid</div>
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DOCK LINE PACKS (PB)

	<div>RANGE</div> <div><div>> 10mm, 12mm, 14mm in 10m or 15m lengths with a 30cm eye splice</div><div>> Available in black, navy and white</div></div>	<div>APPLICATION</div> <div><div>> Mooring lines</div></div>	<div>FEATURES</div> <div><div>> Easily attached to the bollard when mooring as there is a eye splice in the end of the line.</div></div>	<div>TECHNICAL</div> <div><div>> Cover: HT Polyester</div><div>> Core: Nylon</div></div> <div>> Construction: Braid-on-Braid</div>
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FENDER LINES (FL)

	<div>RANGE</div> <div><div>> 8mm fender line in 2 metre lengths with a 50cm eye splice in packs of 2</div><div>> Available in black, navy and white</div></div>	<div>APPLICATION</div> <div><div>> Fender lines</div></div>	<div>FEATURES</div> <div><div>> Easy to attached to the fender with the spliced loop</div></div>	<div>TECHNICAL</div> <div><div>> Material: HT Polyester</div><div>> Construction: 3 strand</div></div>
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TECHNICAL: BREAK LOADS: Kilograms - Larger break loads available on request.

MM	10	12	14	16	18	20	22	24	26	28	30	32
ANCHOR BRAID		3795	4840	6600	7700	8140	11880	13750	15675	18150	20570	22880
DOCK LINE	2550	3500	5000	6575	8100	10000	12100	14400	16900	19600		

Mooring Cleat



Fender Lines



ACCESSORIES

BURGEE CORD (BC)



- | | | | |
|---|---|---|--|
| RANGE <ul style="list-style-type: none"> > 2 -12mm > 100m reels > Available in solid colours | APPLICATION <ul style="list-style-type: none"> > Flag halyards > Mouse lines > Boat cover tie downs > Tie downs > Nets | FEATURES <ul style="list-style-type: none"> > Rigid construction > Low creep > Abrasion resistance > UV resistance | TECHNICAL <ul style="list-style-type: none"> > Cover: Braided polyester > Core: Parallel strands of polyester |
|---|---|---|--|

DIAMETER (MM)	2	3	4	5	6
BURGEE CORD	150	300	480	540	700

Kilograms - Larger break loads available on request.

MOUSE LINE (MFPP)



- | | | | |
|---|---|---|---|
| RANGE <ul style="list-style-type: none"> > 3mm, 500m reels | APPLICATION <ul style="list-style-type: none"> > Mouse lines | FEATURES <ul style="list-style-type: none"> > Rigid construction | TECHNICAL <ul style="list-style-type: none"> > Braided multifilament |
|---|---|---|---|

SHOCK CORD (SC)



- | | | | |
|--|---|--|--|
| RANGE <ul style="list-style-type: none"> > 3 - 10mm > 100m reels > Available in solid colours and white with colour flecks. | APPLICATION <ul style="list-style-type: none"> > Securing objects > Tie downs > Nets | FEATURES <ul style="list-style-type: none"> > Minimum of 100% Stretch > Excellent recovery from stretch | TECHNICAL <ul style="list-style-type: none"> > Cover: Polyester > Core: Rubber > Construction: Braid over parallel core |
|--|---|--|--|

CHAFE COVER (DCC/TCC)



- | | | |
|---|--|---|
| RANGE <ul style="list-style-type: none"> > 6 - 8mm > 10 - 12mm > 14 - 16mm > 18 - 20mm > 100 m reels | APPLICATION <ul style="list-style-type: none"> > Protection of sheets and halyards in high abrasive areas | TECHNICAL <ul style="list-style-type: none"> > Material: Superiz or Technora® > Construction: Single cover braid |
|---|--|---|

Technora®

HOT KNIFE (2700)

This industrial hot knife rope cutter is a hand operated tool that you plug into the wall. Once hot it will cut and seal the ends on all synthetic cords and ropes. It takes a mere 6-8 seconds to heat up to approx 600°C it will melt the rope and seal the ends. Heat may be controlled by switching tool on and off. This tool will save you both time and money compared to mechanical cutting, your ropes will last longer and the cutting process is quicker.

The Hot Knife comes with a blade for cutting and sealing rope.



ROPE MEASURING EQUIPMENT (1440)

Ideal for measuring rope at ease for rapid or repetitive measuring. Fast and accurate delivery of a variety of different ropes up to 24mm.

Numbers indicating length can be read from either side of the meter by the customer or operator.



SELMA SPLICING FIDS (8230)

This set of 5 Selma fids are made from highly polished stainless steel, but the very large fid is made from nicol plated brass. They are used for splicing double braids, 3-strand construction ropes and hollow braids ropes. They come in a protective case complete with detailed illustrated instructions for splicing loop splices, eye splices, back splices & end-to-end splices.



WHIPPING TWINE (WT)



- | | | | |
|---|--|--|--|
| RANGE <ul style="list-style-type: none"> > 0.5mm, 1mm & 1.5mm > waxed whipping twine | APPLICATION <ul style="list-style-type: none"> > Whipping the end of the rope | FEATURES <ul style="list-style-type: none"> > Extremely high strength-to-weight ratio > Low creep > Very high resistance to UV and most chemicals | TECHNICAL <ul style="list-style-type: none"> > Material: Heat-set braid or waxed braided > Construction: 12 strand single braid |
|---|--|--|--|

WATER SPORTS

KITE LINE (K)



- | | | | |
|--|---|---|---|
| RANGE <ul style="list-style-type: none"> > 0.5mm > 1mm > 1.5mm > 500m to 1000m reels > Available in raw (white) or with polyurethane coating* (black) | APPLICATION <ul style="list-style-type: none"> > Kite Line | FEATURES <ul style="list-style-type: none"> > High tensile strength > Lightweight > Floating | TECHNICAL <ul style="list-style-type: none"> > Material: UHMwPE > Construction: 12 Strand Single Braid |
|--|---|---|---|

DIAMETER (MM)	REEL SIZE (M)	M/KG	BREAK LOAD (KG)
0.5	1000	2560	90
1	1000	1315	180
1.5	1000	625	320

SKI ROPE (SKI)



- | | | | |
|--|---|---|---|
| RANGE <ul style="list-style-type: none"> > 5 - 18mm > 100m or 200m reels > Available in solid and white colour combinations | APPLICATION <ul style="list-style-type: none"> > Towing rope for water sports > Rescue line > Nets > Tie-downs > General Purpose | FEATURES <ul style="list-style-type: none"> > Loose construction promotes easy splicing > Lightweight > Durable > Floats | TECHNICAL <ul style="list-style-type: none"> > Material: Polyethylene > Construction: Single Braid |
|--|---|---|---|

DIAMETER (MM)	REEL SIZE (M)	M/KG	DIAMETER (MM)	REEL SIZE (M)	M/KG
5	10	110	10	10	32
7	10	65	12	10	20

RESCUE ROPE (BP)



- | | | | |
|---|---|---|--|
| RANGE <ul style="list-style-type: none"> > 6mm, 8mm & 10mm > 200m reels > Available in yellow with red fleck and red with yellow fleck | APPLICATION <ul style="list-style-type: none"> > Ideal for safety rope | FEATURES <ul style="list-style-type: none"> > Lightweight > Easy to handle > Floating line > High visibility | TECHNICAL <ul style="list-style-type: none"> > Material: Multifilament Polypropylene rope > Construction: Braid 8 plait |
|---|---|---|--|

DIAMETER (MM)	6	8	10
KG	600	900	1350



Southern ropes

www.southernropes.com

Southern Ropes UK Ltd.
Aztec House, 1A Southampton Road, Park Gate,
Southampton, SO31 6BX
+44 (0) 1489 589 333
sales@southernropes.co.uk

Southern Ropes Pty Ltd.
Corner Beach & Davidson Rd, Woodstock
Cape Town
+27 (0) 21 448 4978
sropes@mweb.co.za

