

# Fibre rope Solutions where safety and quality can't be compromised.

High performance fibre ropes for any application.



# what makes us unique and valuable to you?

## We are problem solvers

Nationwide, our people have the collective knowledge and experience that spans years of service; you benefit from that every day. No matter the industry you are in; Construction, Forestry, Marine or Agriculture if you have a problem, Cookes can solve it. That means better performance and profitability for your business.

## International quality from local branches

You can shop at your local Cookes branch for a huge range of world-class industrial products. Our people enjoy making relationships personal. We aim to understand your industry, your business, and your unique needs. What you need is not on the shelf? Or in the warehouse? We can supply products from any of our 11 national branches. Have a problem? We can design and tailor a solution to meet your needs and requirements.

## Health and safety come first

Our business revolves around the use and support of industrial machinery where any unsafe practice can lead to serious harm. Safety always comes first. Whether we're manufacturing, testing, certifying or supplying; health and safety is paramount for our employees, contractors, and customers.

We are experts in ensuring that the equipment you use is fit for purpose. Cookes in-house testing, height safety services, mobile testing services, non-destructive testing and specialist rigging services ensure your equipment meets and or exceeds all relevant AS/NZS standards.

## Quality Assured

Cookes is absolutely committed to supplying quality products and service. We have held ISO 9001 certification since 1992 and expanded this to include the ISO 14001 and OHSAS 18001 certification, demonstrating our commitment to quality, sustainability and safety. We have achieved Full Member accreditation with LEEA, the internationally recognised standard in lifting, providing further assurance of our ability to deliver quality solutions that consistently meet or exceed your needs. More recently we have become IANZ accredited for the inspection and testing of wire ropes.

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## COOKES: OUR ORGANISATION, OUR HISTORY

Cookes is the name at the very heart of how this country was built: our products have been doing New Zealand's heavy lifting, hauling, hoisting, trawling, digging (and more) for over a century.

Leaders in the supply of synthetic and natural fibre rope solutions to New Zealand's commercial, Industrial and recreation sectors.

As the New Zealand brand of Bridon-Bekaert the Ropes Group, Cookes is a leader in the development, manufacturing, sales and testing and inspection of steel wire, synthetic fibre ropes & lubricants. Couple this with over 100 years of experience as the leading lifting & total service solutions provider to the Crane & Construction, Forestry, Fishing & Aquaculture, Engineering & Energy, Transport & Shipping, Earth-moving and Agriculture & Horticulture sectors, and you have the countries leading industrial and commercial solutions, provider.

# High performance fibre rope solutions.

## BRIDON · BEKAERT THE ROPES GROUP

Bridon-Bekaert Ropes Group is the world's premier supplier of mission-critical advanced cords, steel wire ropes, and synthetic fibre ropes.

As a leading innovator, developer and producer of the best performing ropes and advanced cords globally, the Group provides superior value solutions to the oil & gas, mining, crane, elevator and other industrial sectors.

Two of the most enduring wire and rope pioneers joined forces in 2016 to make this ambition real. Bridon-Bekaert Ropes Group has a global manufacturing footprint and employs approximately 2500 people worldwide.



Gourock - supplying New Zealand business since 1900



Cookes established in Auckland 1911



Cookes 1961



1975 Gourock



2013 Cookes & Gourock come together



2016 Cookes a Bridon-Bekaert Ropes Group brand

# our partner brands.

AUTHORISED DISTRIBUTORS FOR THE WORLDS LEADING BRANDS

**BRIDON**

**BlueStrand**

**ScanRope**

**VAN BEEST**

**D|S|R**

**DYNAMICA**  
Ropes ApS

**MØRENØT**  
FISHERY

**Gourock**

**we are active in many industries.**



# COOKES360

## Cookes 360 services:

### Technical Advice & Specification

- ✓ Expert knowledge
- ✓ Bespoke solutions
- ✓ Compliance & assurance

### Sourcing & Transportation

- ✓ Sourcing quality products
- ✓ Global supplier network
- ✓ Indent supply & expediting

### Assembly & Installation

- ✓ Lifting & rigging
- ✓ Height safety
- ✓ Net fabrication

### In-service Inspection, Testing & Certification

- ✓ Non-destructive testing (NDT)
- ✓ Inspection & testing
- ✓ Certification

### Maintenance & Repair

- ✓ Wire & fibre rope
- ✓ Lifting & height safety equipment
- ✓ Netting

### Storage

- ✓ Lofting of lifting equipment
- ✓ Storage of customer product
- ✓ Insurance wire rope stock

### Asset Management & Compliance

- ✓ BriCert
- ✓ Asset compliance
- ✓ Guidance on discard



### Advanced Services

- ✓ Customer training
- ✓ Sales & hire of load measurement solutions
- ✓ VR crane operator training

### BBtec

The Bridon-Bekaert Technology Centre (BBtec) is our centre of excellence for rope technology development, testing, analysis and verification.

BBtec is equipped with unique equipment capable of testing steel/synthetic ropes and wires. It has extensive forensic analysis laboratory facilities and specialists capable of conducting detailed forensic evaluations of new or retired ropes.

BBtec accelerates Bridon-Bekaert's new product development, involving the latest rope technologies to increase safety, performance and operational life of ropes working in demanding and hostile environments typical to our core markets in the Oil and Gas, Mining, and Construction sectors.

# General Rope Guidance.

## What is Fibre Rope?

- ✓ Natural fibres – cotton/hemp/manila/sisal
- ✓ Man made (synthetics) fibres
  - Nylon
  - Polyester
  - Polypropylene (PP)
  - Polyethylene (PE)
  - Dyneema®
- ✓ Depending on where in the world you live, all of these fibres go by different names, but are essentially the same fibres.
- ✓ Globally, Bridon-Bekaert produces a range of synthetic fibre ropes known as ScanRope.
- ✓ Rope is measured by diameter (generally + or – 5% tolerance), generally sourced in 220m coils.
- ✓ Our ropes are generally sourced according to international standards (ISO) in particular the AS4142.2 (Australian standards)

## 3 Strand Rope

### Simple and Common Construction

- ✓ Referred to as hawser laid rope or plain-laid rope, this rope features strands in helical formation. Other laid ropes are four-strand & cable-laid ropes.
- ✓ Basic steps of manufacturing:
  - Fibres are spun & twisted into a rope yarn.
  - Two or more ropes are twisted into a yarn. The direction of the twist is opposite to that in the rope yarns.
  - Several strands (mostly three) are laid into a rope (opposite the direction of twist in the strands).
- ✓ Hard or soft laid? Harder laid ropes reduce breaking strength (B/S) but have better abrasion resistance.
- ✓ Faulty coiling or uncoiling can lead to “kinking”. The risk of kinking increases with the hardness of the lay and the diameter of the rope. The most common cause of damage to rope is kinking.
- ✓ Abrasion should not only be checked on the outside, but also on the inside strands of rope (open lay of rope for visual inspection).



## Braided Ropes

### Tubular construction or round braided

- ✓ Can be 6/8/12/16/20/24 (or more) strands in the rope. Most common is a sixteen-carrier braid in NZ.
- ✓ Uncoiling of new braided ropes – no risk of kinking.
- ✓ Can be coiled in both directions.
- ✓ Easier to handle and do not untwist, turn, or distort under load.
- ✓ More pliable, dries faster, lighter than laid ropes, & same breaking point as laid ropes.



## Eight Stranded Plaited Ropes

### Plaited in pairs

- ✓ Most common form of mooring lines for large vessels.
- ✓ Stocked in NZ in PP, rope diameters from 36mm to 120mm. Generally sold in 220m coils.



## Joining Rope? Some Points to Consider

- ✓ Knotting, splicing and crimping serve to join or attach ropes. Crimping is by way of “pressing” a metal or plastic sleeves.
- ✓ The most common form of knot for joining rope is a reef knot or square knot.
- ✓ The bowline knot is suitable for forming a non-slip loop for attaching ropes, which can easily be opened after heavy loading.
- ✓ Loss of Breaking Strength (B/S) using an overhand knot is 50%, using a reef knot is 45%, and using a bowline is 38%. The general rule of thumb is that knotting reduces B/S by 50%.
- ✓ When using fibre rope for lifting, the safety factor is 6:1, meaning you divide the breaking strength by six.
- ✓ Does spliced eye or joining splice change breaking strength? Yes. An eye splice reduces the B/S by about 10%. A joining splice reduces the B/S down by about 15%.
- ✓ Whenever you knot/splice/attach components to rope, it will reduce the breaking strength.

## Points to consider when selecting Fibre Ropes

- ✓ Always consider the application and the environment when choosing the most suitable material.
- ✓ Consider the effects of water, light and temperature.
- ✓ Consider the surfaces the rope is working on or near.
- ✓ Is the rope under sustained shock loading?
- ✓ Consider abrasion resistance & flexibility.
- ✓ How long a rope will last depends on the environment & mechanical factors affecting it.

# Material properties.

## Dyneema®: the World's Strongest Fibre™

**Specific Gravity - .97 Melt Point - 144-152°C Tenacity - 30gpd**

Dyneema® Fibre is one of the more common high-performance fibres available on the market. The high strength, low elongation, and light weight of the fibres make it the ideal braid for sheets, guys, and control lines. Dyneema® has excellent chemical and UV resistance. The Dyneema® yarn is the strongest fibre in our current range.

## Nylon (Polymide)

**Specific Gravity - 1.14 Melt Point - 250°C Tenacity - 8.9gpd**

Nylon has a higher strength than polyester but also has more elongation. It tends to be used for fixed applications, such as mooring lines or sea anchors. It has excellent abrasion resistance but tends to harden as the rope gets worn. It can also be dyed using acid dyes.

## Polypropylene

**Specific Gravity - .91 Melt Point - 165°C Tenacity - 7.8gpd**

Polypropylene is a light-weight material that is used throughout the marine industry for rescue lines and anything else that requires a light weight floating rope. The abrasion resistance of PP is not equal to polyester and other yarns, but it is UV stabilised. PP ropes have excellent chemical resistance and do not retain water. PP ropes work well as multi-purpose ropes but lose strength under heavy shock loads. PP ropes can be used for rescue lines and other general purpose uses.

## Polyester (Terylene, Dacron)

**Specific Gravity - 1.38 Melt Point - 260°C Tenacity - 8.5gpd**

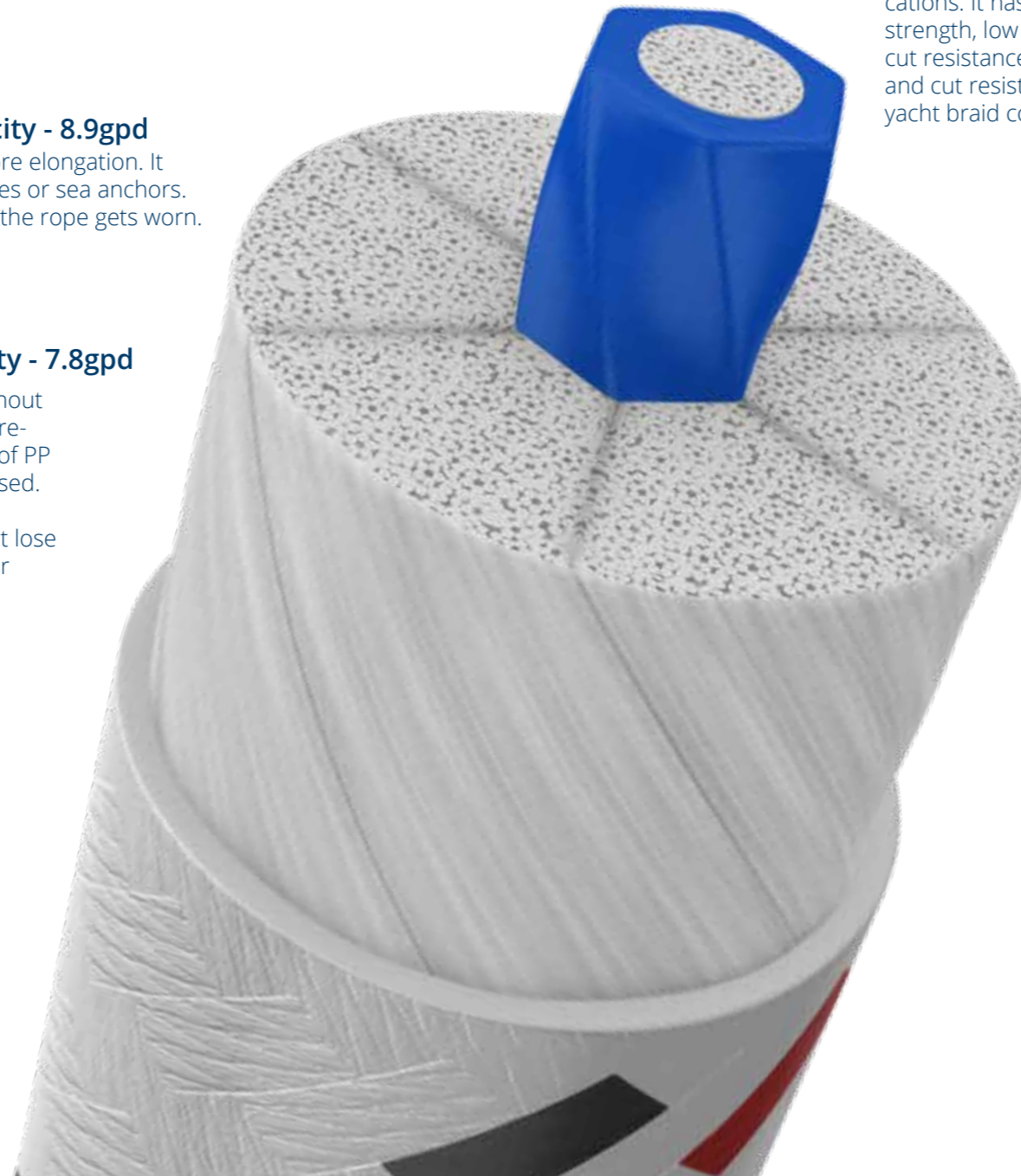
Polyester is the most commonly used material in our range. It is available in a wide range of colours and weights. The most common weights are 250, 500, 1,000, & 1,500 denier. It is resistant to UV rays and all colours are colourfast. Prolonged exposure in water has little to no lasting effects. Polyester has good abrasion resistance, especially when twisted.

However, polyester cannot be dyed using normal dyeing methods. It has low stretch and is used in all 5 & 6 series, sash cords, luff cords, HJ series, and yacht braids. It is suitable for Halyards, Sheets, Reefing lines and Control lines on cruising boats.

## Vectran®

**Specific Gravity - 1.41 Melt Point - 330°C Tenacity - 23gpd**

Vectran® is a high-performance fibre that is specifically designed for fixed load applications. It has a high melting point and can withstand extreme temperatures. Its high strength, low elongation, and low creep make it ideal for Halyards. Vectran has excellent cut resistance and has low moisture absorption. Its UV stability is poor, but its abrasion and cut resistance are superior to polyester. Vectran is used in extreme performance yacht braid covers.



# Dyneema SafeLift SLINGS

## Dyneema® Lifting Slings

SafeLift Slings are designed according to the customers' specifications. The lifting operations often require the development of tailor-made products that can withstand harsh environmental conditions.

Slings type	Type	Rope Diameter	WILL 7:1	Break Load
SafeLift 10 t	Single	22 mm	10 t	70 t
SafeLift 15 t	Single	26 mm	15 t	105 t
SafeLift 30 t	Double	26 mm	30 t	210 t
SafeLift 30 t	Single	38 mm	30 t	210 t
SafeLift 50 t	Double	36 mm	50 t	350 t
SafeLift 50 t	Single	52 mm	50 t	350 t
SafeLift 70 t	Double	42 mm	70 t	490 t
SafeLift 90 t	Double	44 mm	90 t	630 t
SafeLift 100 t	Double	52 mm	100 t	700 t
SafeLift 125 t	Double	56 mm	125 t	875 t
SafeLift 150 t	Double	64 mm	150 t	1100 t
SafeLift 175 t	Double	68 mm	175 t	1225 t
SafeLift 200 t	Double	72 mm	200 t	1400 t
SafeLift 225 t	Double	80 mm	225 t	1575 t
SafeLift 250 t	Triple	64 mm	250 t	1750 t
SafeLift 300 t	Triple	72 mm	300 t	2100 t
SafeLift 325 t	Triple	76 mm	325 t	2275 t
SafeLift 350 t	Triple	80 mm	350 t	2450 t
SafeLift 400 t	Triple	88 mm	400 t	2800 t



## When lifting a 500t structure, SafeLift Slings were the obvious choice!

Lifting of a 500 t 3D jacket structure using four Dynamica SafeLift slings.

Lighter, stronger, and safer than conventional slings, SafeLift was the go-to for this lifting operation.

For more information please contact us today.



### Sling Construction

- ✓ Prestretched Dyneema® fibres
- ✓ Single or double slings
- ✓ 1,5% max elongation at WLL load
- ✓ Double shield coating
- ✓ CE marked
- ✓ Manufactured in accordance to DIN EN 1492-4

### Why SafeLift?

- ✓ Reduces the weight to app 1/7 th vs steel wire ropes
- ✓ Very safe to use (almost no stored energy)
- ✓ Can be made with a Dyneema® fibre protective jacket in order to increase the abrasion resistance and protect the sling
- ✓ Can be made with an additional PROTECTATM eye sleeve

# Dyneema fibre SLINGS

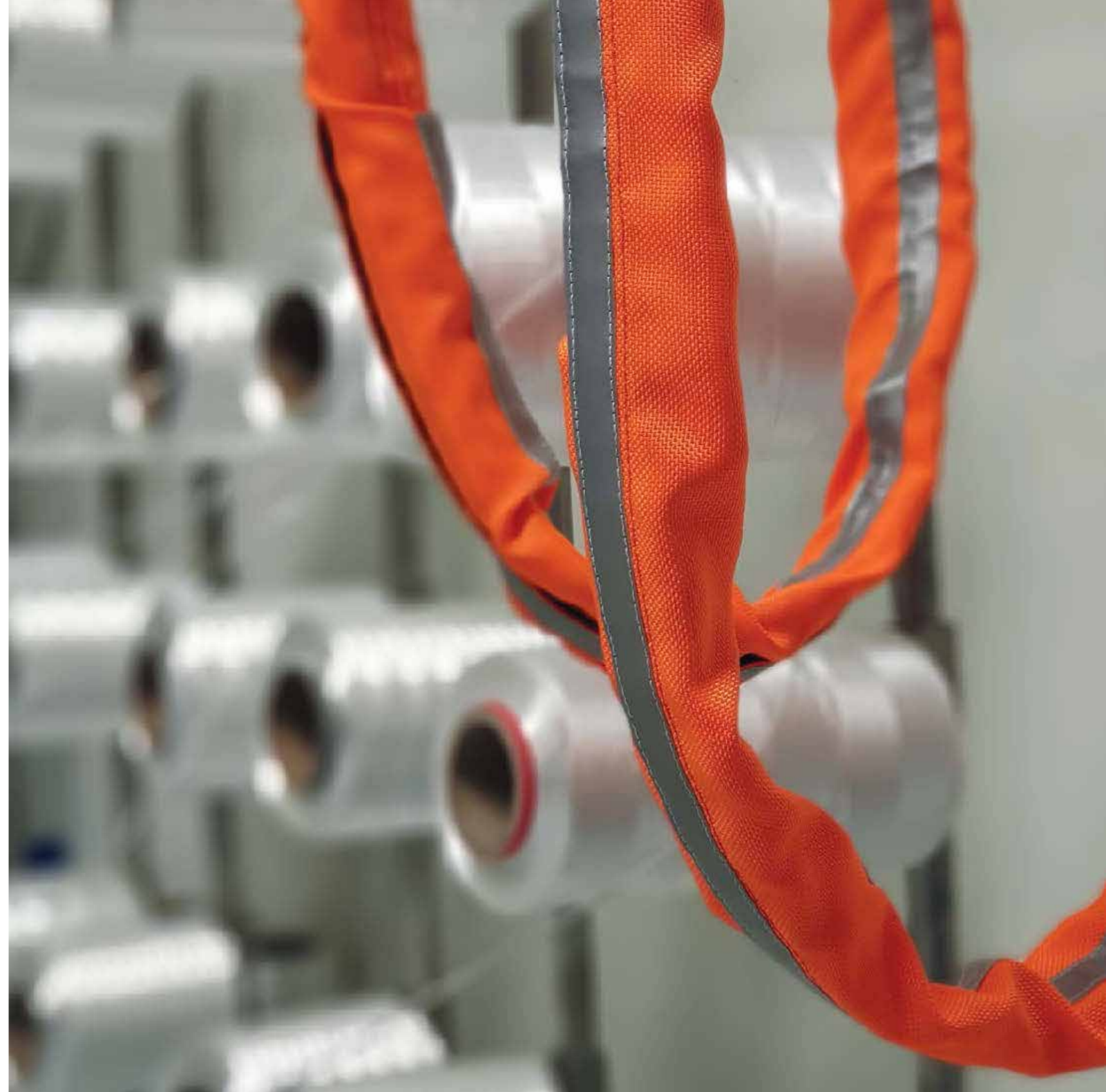
## Dyneema® fibre round slings

High-performance fibre rope round slings are designed and manufactured for heavy lifting. These slings are made with Dyneema®, the world's strongest fibres. They are suitable for a range of applications, including use in harsh environments.

Sling type	MBL (t)	WLL (t) 7:1	Min. Pin Dia (mm)
DR 105	105	15	55
DR 175	175	25	70
DR 350	350	50	100
DR 560	560	80	140
DR 700	700	100	165
DR 875	875	125	200
DR 1050	1050	150	210
DR 1225	1225	175	240
DR 1400	1400	200	265

### Suitable for demanding applications including:

- ✓ Offshore & onshore wind industry
  - Production, transport, load out, installation of jackets etc
- ✓ Offshore oil & gas
  - Production, transport, offshore lift, subsea installation of structures
- ✓ Infrastructure
  - Lifting of bridge sections, high voltage structures, construction
- ✓ Decommissioning
  - Wind turbine structures, offshore structures



### Benefits

- ✓ Low diameter
- ✓ Flexible, soft and a hand friendly product
- ✓ Precise EWL
- ✓ Safe
- ✓ Low elongation
- ✓ High wear resistance
- ✓ High UV resistance
- ✓ Resistant to most chemicals
- ✓ Extremely cut resistant
- ✓ Does not absorb water
- ✓ Long life
- ✓ Low cost of ownership



# ScanRope

## Steelite 12-S

Twelve braided strands with a protective urethane coating.

- ✓ High strength (size for size match for steel)
- ✓ Low elongation
- ✓ Quick and easy to splice and repair
- ✓ Load bearing material is easily visually inspected
- ✓ Does not rotate under load or lose strength when wet
- ✓ Floats

Diameter*		Linear Weight		MBF			
		In Air	In Water	Spliced**		Un-Spliced***	
mm	in	kg/ 100m	kg/ 100m	kN	Tonnes	kN	Tonnes
3	1/8	0.75	-0.03	12.8	1.3	14.3	1.5
5	3/16	1.5	-0.07	24.9	2.5	27.6	2.8
6	1/4	2.4	-0.14	36.0	3.7	40.0	4.1
8	5/16	3.3	-0.15	54.7	5.6	60.7	6.2
10	3/8	4.6	-0.21	79.1	8.1	87.8	9.0
12	1/2	10.1	-0.46	134	13.6	149	15.1
14	9/16	11.2	-0.51	171	17.4	190	19.3
16	5/8	16.4	-0.75	218	22.2	242	24.7
18	3/4	20.6	-0.95	259	16.4	287	29.3
22	7/8	29.8	-1.37	380	38.8	423	43.1
24	1	33.2	-1.52	429	43.7	476	48.6
26	1 1/16	41.0	-1.88	514	52.5	572	58.3

\*Nominal value. Other diameters are available. Get in touch with us at [contact@bridon-bekaert.com](mailto:contact@bridon-bekaert.com)  
 \*\*Tested following C11500B-2015. Elongations are immediate  
 \*\*\*Tested following ISO2307:2010. A 10% reduction should be applied for spliced terminations

Elongation**					
% Spliced minimum break force	10	20	30	40	50
% Elongation	0.2	0.4	0.6	0.8	1

Construction:	12x1 Braided
Jacketed?:	N
Rotating?:	N
Wet strength reduction:	0 (% Dry break force):
Load bearing material:	HMPE Spectra S1000
Load bearing material melt range:	140 - 150°C (284 - 302°F)
Jacket material:	NA
Jacket material melt range:	NA
Rope specific gravity:	0.98
Jacket marker colours:	N/A

# Dyneema® rope

## Dynamica 12 strand fibre ropes

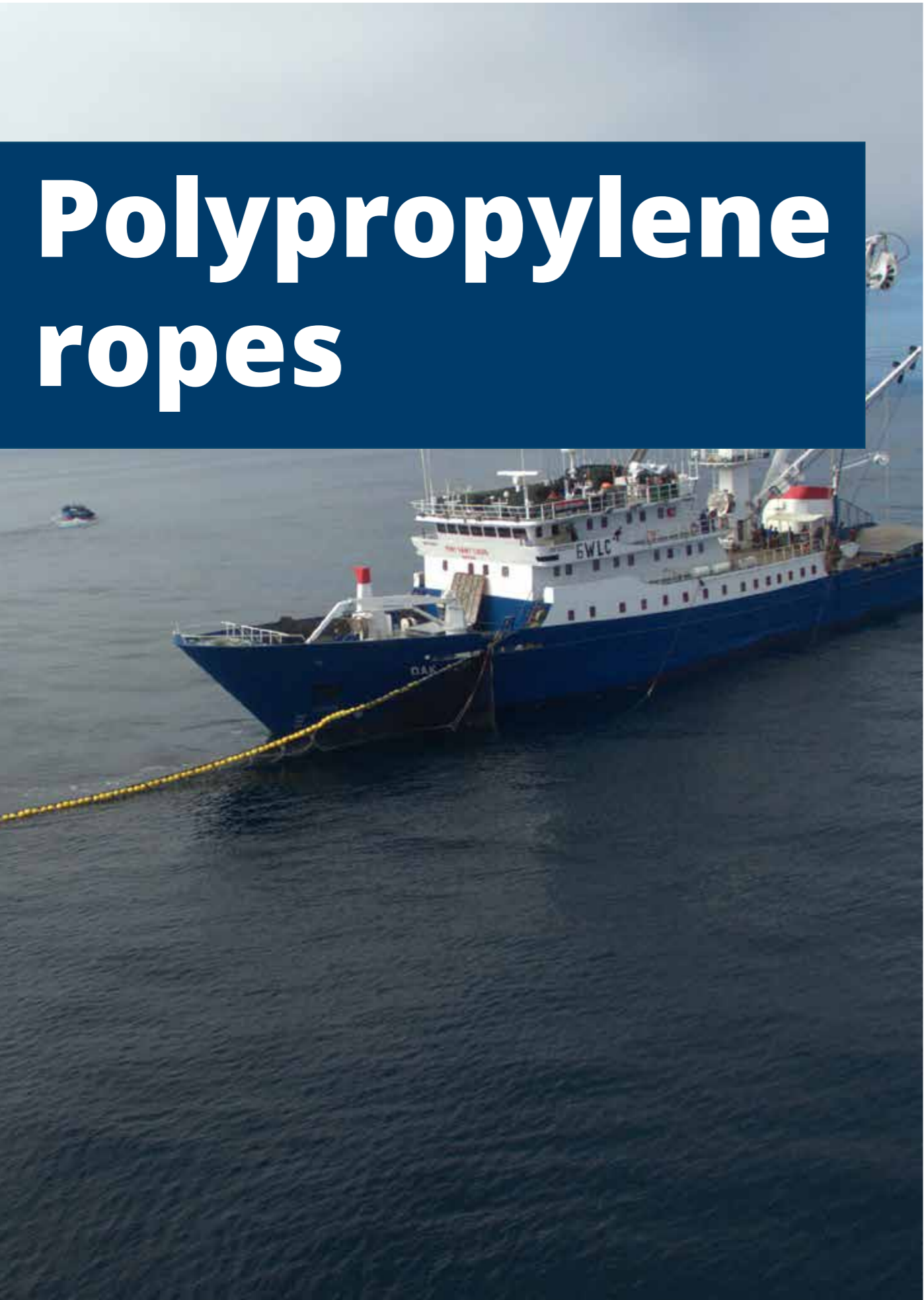
High-strength ropes made from Dyneema®, the world's strongest fibre.

Dyneema® is more than ten times stronger than steel per unit of weight. This means that these ropes have a slightly higher strength than a steel wire of the same dimension, but are less than one tenth of the weight. After two years of exposure, 80% of strength is retained.

- ✓ The world's strongest fibres  
Dyneema®, the world's strongest fiber™, is respected as the premium brand for ultra-high molecular weight polyethylene.
- ✓ Abrasion resistant  
High resistance to abrasion, moisture, UV radiation, and chemicals.
- ✓ Bend fatigue resistant  
The highly flexible properties of Dyneema® fibres ensure excellent resistance to bend fatigue.



Diameter	Modulus	Unit	Weight	Break Load
			kgs/100m	kg
4 mm	8	per mtr	1.0	1,400
5 mm	8	per mtr	1.4	3,000
6 mm	8	per mtr	2.1	4,000
8 mm	8	per mtr	3.5	7,700
10 mm	8	per mtr	4.6	10,000
12 mm	8	per mtr	9.0	17,800
14 mm	8	per mtr	12.0	22,000
16 mm	8	per mtr	14.0	26,100
18 mm	8	per mtr	19.0	36,000
20 mm	8	per mtr	22.0	41,000
22 mm	8	per mtr	25.5	50,500
24 mm	8	per mtr	30.0	55,000
26 mm	8	per mtr	32.5	65,000
28 mm	8	per mtr	39.0	70,000
32 mm	8	per mtr	46.0	84,500
36 mm	8	per mtr	60.0	110,000
40 mm	8	per mtr	76.5	145,000
44 mm	8	per mtr	100.0	170,000
52 mm	8	per mtr	143.0	220,000



# Polypropylene ropes

# Polypropylene Ropes

## Danline

Colour	Diameter	Length	Unit	Weight	Break Load
		m		kgs/100m	kg
White/Black/Yellow/Green	6 mm Danline	220	Coil	1.7	600
White/Black/Yellow/Green	7 mm Danline	220	Coil	2.3	820
White/Black/Yellow/Green	8 mm Danline	220	Coil	3.0	1,100
White/Black/Yellow/Green	10 mm Danline	220	Coil	4.5	1,600
White/Black/Yellow/Green	12 mm Danline	220	Coil	6.5	2,200
White/Black/Yellow/Green	14 mm Danline	220	Coil	9.0	3,000
White/Black/Yellow/Green	16 mm Danline	220	Coil	11.5	3,800
White/Black/Green	20 mm Danline	220	Coil	18.0	5,800
White/Black/Green	24 mm Danline	220	Coil	26.0	8,100
White/Black/Green	32 mm Danline	220	Coil	46.0	13,500

## Danline LT Tan - 3 Strand

	Description	Length	Unit	Weight	Break Load
		m		kgs/100m	kg
LT Tan	8 mm Danline	220	Coil	3.0	1,100
LT Tan	10 mm Danline	220	Coil	4.5	1,600
LT Tan	12 mm Danline	220	Coil	6.5	2,200
LT Tan	14 mm Danline	220	Coil	9.0	3,000
LT Tan	16 mm Danline	220	Coil	11.5	3,800
LT Tan	20 mm Danline	220	Coil	18.0	5,800
LT Tan	24 mm Danline	220	Coil	26.0	8,100
LT Tan	28 mm Danline	220	Coil	35.5	10,700
LT Tan	32 mm Danline	220	Coil	46.0	13,500
LT Tan	40 mm Danline	220	Coil	72.0	20,500



# Polypropylene Ropes

## Danline 250m Reels - 3 Strand

Colour	Diameter (mm)	Length m	Unit	Weight	Break Load
				kgs/100m	kg
White/Black/Yellow/Brown/Blue	6	250	Reel	1.7	600
White/Black/Yellow/Brown	7	250	Reel	2.3	820
White/Black/Yellow	8	250	Reel	3.0	1,100

## Danline 500m Reels - 3 Strand

Product Code	Diameter (mm)	Length m	Unit	Weight	Break Load
				kgs/100m	kg
White/Black/Green/Yellow/Blue/Brown	4	500	Reel	0.6	200
White/Black/Green/Yellow/Brown	5	500	Reel	1.2	420
Black/Green	6	500	Reel	1.7	600
White/Black/Green/Yellow	7	500	Reel	2.3	820
Green	8	500	Reel	3.0	1,100



# Polypropylene Ropes

## SuperDan® Rope

SuperDan rope is manufactured from high tenacity polypropylene yarns, offering easy handling, high strength and excellent abrasion resistance.



Colour	Diameter (mm)	Length m	Unit	Weight	Break Load	
				kgs/100m	kg	kN
Black & Yellow	28 mm	220	Coil	39.4	14,500	142.2
Black & Yellow	32 mm	220	Coil	51.1	18,500	181.5
Black & Yellow	36 mm	220	Coil	64.1	23,000	225.6
Black & Yellow	40 mm	220	Coil	79.1	28,400	278.6
Black & Yellow	48 mm	220	Coil	114.5	39,800	390.4
Black & Yellow	56 mm	220	Coil	156.0	52,800	518.0
Black & Yellow	64 mm	220	Coil	203.6	68,200	669.0
Black & Yellow	72 mm	220	Coil	258.0	85,800	841.7
Black & Yellow	80 mm	220	Coil	319.0	105,600	1,035.9

- ✓ Advanced durability  
Excellent anti-abrasion properties contribute to longer working life (over 10% compared to standard ropes) and high ultra-violet light resistance.
- ✓ Super Strength  
50% better breaking strength compared to British Standards and ISO Standards for polypropylene ropes
- ✓ Variety of Applications  
A multi purpose rope ideal for general industrial & commercial fishing applications.

## Gourock Southern CRAY ROPE

Gourock Cray rope with a three-strand medium to hard lay finish and 250m in length.



Colour	Diameter (mm)	Length m	Unit	Weight	Break Load
				kgs/100m	kg
Green/Yellow	8	220	Coil	3.0	1,200
Green/Yellow	9	220	Coil	3.8	1,500
Green/Yellow	10	220	Coil	4.5	1,800
Green/Yellow	12	220	Coil	6.6	2,700
Green/Yellow	14	220	Coil	9.1	3,600

- ✓ Excellent anti-abrasion
- ✓ High UV resistance
- ✓ Superior strength

# Polypropylene Ropes

## SuperTec 3 strand rope

Description	Length	Unit	Weight	Break Load	
	m		kgs/100m	kg	kN
12 mm SuperTec	220	Coil	6.6	3,200	31.4
14 mm SuperTec	220	Coil	9.1	3600	35.3
16 mm SuperTec	220	Coil	11.6	5,400	53.0
20 mm SuperTec	220	Coil	17.9	8,200	80.4
24 mm SuperTec	220	Coil	26.0	11,800	115.8
28 mm SuperTec	220	Coil	35.5	15,600	153.0
32 mm SuperTec	220	Coil	46.0	19,600	192.3
36 mm SuperTec	220	Coil	58.0	24,200	237.4
40 mm SuperTec	220	Coil	71.5	29,600	290.4
48 mm SuperTec	220	Coil	69.9	42,500	416.9
56 mm SuperTec	220	Coil	142.0	55,400	543.5
64 mm SuperTec	220	Coil	185.0	71,200	698.5



## SuperTec 8 strand rope

Description	Length	Unit	Weight	Break Load	
	m		kgs/100m	kg	kN
28 mm SuperTec	220	Coil	39.4	17,800	174.6
36 mm SuperTec	220	Coil	64.1	28,300	277.6
40 mm SuperTec	220	Coil	79.1	34,900	342.4
48 mm SuperTec	220	Coil	114.5	48,900	479.7
56 mm SuperTec	220	Coil	156.0	64,900	636.6
64 mm SuperTec	220	Coil	203.6	83,900	823.0
72 mm SuperTec	220	Coil	258.0	105,500	1,034.9
80 mm SuperTec	220	Coil	319.0	129,900	1,274.3



Supertec is a stronger and more affordable rope. Size for size, SuperTEc is stronger than PP, PE, and Polyolefin ropes. In addition to its strength, SuperTec provides higher abrasion and fatigue resistant properties.

SuperTec rope is easier to handle than other ropes of its class, as it does not absorb water.

Available in three, eight, and twelve strand.

Available in green only. Other sizes available on indent.

# Polyester Ropes

## Polyester Rope - 3 Strand

Colour	Diameter (mm)	Length	Unit	Weight	Break Load	
		m		kgs/100m	kg	kN
White	6	220	Reel	2.70	600	5.54
White	8	220	Coil	4.80	1,020	10.0
White	8	220	Reel	4.80	1,020	10.0
White	10	220	Reel	7.60	1,600	15.6
White	12	220	Reel	11.0	2,300	22.3
White	12	220	Coil	11.0	2,300	22.3
White	14	220	Coil	14.8	3,200	31.2
White	16	220	Coil	19.5	4,100	39.8
White	20	220	Coil	30.3	6,300	62.3
White	24	220	Coil	43.7	9,100	89.6
White	28	220	Coil	59.4	12,200	120.0
White	32	220	Coil	77.8	15,700	154.0
White	36	220	Coil	98.2	19,400	190.0
White	40*	220	Coil	121.5	24,000	235.0
White	48*	220	Coil	175.0	33,500	329.0



\*Available on indent only.

Polyester rope exceeds twice the strength of Manila rope, has a lower elongation, high strength, and excellent resistance to external and internal wearing compared to all synthetic and natural fibre ropes.

Recommended for use in rigging, tree rope, truck rope, antenna guys, and sail boats.

## Polyester Rope - 12 Strand Braided

Colour	Diameter (mm)	Length	Unit	Weight	Break Load	
		m		kgs/100m	kg	kN
White	18	500	Coil	24.60	7,400	72.59



# Anchor and Rope Packs

## Polypropylene Rope Pack - 3 Strand

Description	Dia	Length
	mm	m
Polypropylene Rope Pack	4.0	100
Polypropylene Rope Pack	6.0	50
Polypropylene Rope Pack	6.0	100
Polypropylene Rope Pack	8.0	50
Polypropylene Rope Pack	8.0	70
Polypropylene Rope Pack	8.0	100
Polypropylene Rope Pack	10.0	50
Polypropylene Rope Pack	10.0	70
Polypropylene Rope Pack	10.0	100
Polypropylene Rope Pack	12.0	50
Polypropylene Rope Pack	12.0	100



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

## Anchor Warp Polyester - 3 Strand

Description	Dia	Length
	mm	m
Anchor Warp Polyester	8.0	50
Anchor Warp Polyester	8.0	100
Anchor Warp Polyester	10.0	50
Anchor Warp Polyester	10.0	100
Anchor Warp Polyester	12.0	75
Anchor Warp Polyester	12.0	100



- ✓ Low cost.
- ✓ Strong, light, soft handling.
- ✓ General purpose rope.

# Mussel Ropes

## Mussel Lashing Rope - 3 Strand

Colour	Diameter (mm)	Length	Unit	Weight	Break Load
		m		kgs/each	kg
Black	6	1,000	Each	17.24	600
Black	7	850	Each	19.96	820
Black	9	850	Each	32.30	1,300

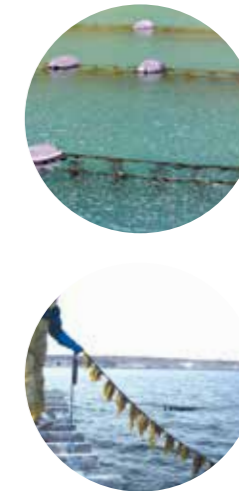
- ✓ Soft lay construction
- ✓ UV resistant
- ✓ Easily handled

Note: Weight is by length not per 100m



## SuperTec - Backbone Black - 3 Strand

Colour	Diameter (mm)	Length	Unit	Weight	Break Load
		m		kgs/100m	kg
Black	24	220	Each	26.0	11,800
Black	28	220	Each	35.5	15,600
Black	30	220	Each	41.1	16,500
Black	32	220	Each	46.0	19,600
Black	32	660	Each	46.0	19,600



## SuperTec - Backbone Black - 4 Strand

Colour	Diameter (mm)	Length	Unit	Weight	Break Load
		m		kgs/100m	kg
Black	32	220	Each	46.0	19,600

- ✓ Advanced durability
- ✓ Super strength
- ✓ Variety of applications

## Superdan Mooring Warp - 3 Strand

Colour	Diameter (mm)	Length	Unit	Weight	Break Load
		m		kgs/100m	kg
Black	40	220	Each	71.5	25,700

- ✓ Advanced durability
- ✓ Super strength
- ✓ Variety of applications

# Nylon ropes



## ScanRope

### SuperLine Nylon - SPM

Parallel laid nylon cores protected by a nylon braided jacket.

- ✓ OCIMF Compliant
- ✓ High rope elongation
- ✓ Excellent tension-tension fatigue performance translating to longer life
- ✓ Non load bearing sacrificial jacket
- ✓ High resistance to damage
- ✓ Easily repaired

OCIMF Size Number**	Diameter*		Circumference*		Linear Weight		New Break Strength**			
	mm	in	mm	in	In Air	In Water	Dry		Wet	
Unitless	mm	in	mm	in	kg/ m	kg/m	kN	Tonnes	kN	Tonnes
10	88	3 5/8	279	11	5.08	0.51	1,934	197	1,837	187
11	96	4	305	12	5.91	0.60	2,351	240	2,234	228
12	104	4 1/4	330	13	7.00	0.71	2,810	287	2,670	272
13	112	4 5/8	356	14	7.99	0.81	3,311	338	3,145	321
14	120	5	381	15	9.17	0.93	3,854	393	3,661	373
14 1/2	128	5 1/4	406	16	9.85	0.99	4,141	422	3,934	401
15	136	5 5/8	432	17	10.3	1.04	4,439	453	4,217	430
16	144	6	457	18	11.9	1.20	5,067	517	4,814	491
17	152	6 1/4	483	19	13.4	1.35	5,737	585	5,450	556
18	160	6 5/8	508	20	14.9	1.51	6,450	658	6,128	625
19	168	7	533	21	16.5	1.67	7,206	735	6,846	698
20	176	7 1/4	559	22	18.3	1.85	8,005	816	7,604	775
21	184	7 5/8	584	23	20.1	2.03	8,846	902	8,404	857
22	192	8	610	24	22.1	2.23	9,731	992	9,245	943
23	200	8 1/4	635	25	24.1	2.43	10,659	1,087	10,126	1033
24	208	8 5/8	660	26	28.2	2.84	11,630	1,186	11,049	1127

Manufactured, supplied & tested in general accordance with: OCIMF Guidelines for the Purchasing & Testing of SPM Hawsers First Ed. 2000  
 \*\*Nominal value. Other & larger diameters are available contact@cookes.co.nz  
 \*\* Tested following OCIMF Guidelines for the Purchasing & Testing of SPM Hawsers First Ed. 2000. Elongations are wet immediate

Elongation**					
% Spliced minimum break force	10	20	30	40	50
% Elongation	5	7.3	8.6	9.6	10.3

Construction:	Parallel sub-ropes with braided jacket
Jacketed?:	Y
Rotating?:	N
Wet strength reduction:	5% of dry break force
Load bearing material:	Nylon
Load bearing material melt range:	220-260°C (428- 500°F)
Jacket material:	Nylon
Jacket material melt range:	220-260°C (428- 500°F)
Rope specific gravity:	1.14
Jacket marker colours:	Blue
Tracer yarns:	Green

# ScanRope

## SuperLine Nylon

Parallel laid nylon cores protected by a nylon braided jacket.

- ✓ High rope elongation
- ✓ Excellent tension-tension fatigue performance translating to longer life
- ✓ Non load bearing sacrificial jacket
- ✓ High resistance to damage
- ✓ Easily repaired

Diameter*		Linear Weight		Minimum Breaking Force			
		In Air	In Water	Spliced**		Un-Spliced***	
mm	in	kg /m	kg/m	kN	Tonnes	kN	Tonnes
18	3/4	0.37	0.04	71.5	7.29	79.4	8.10
20	5/6	0.47	0.05	91.0	9.28	101	10.3
22	7/8	0.52	0.05	113	11.5	125	12.8
24	1	0.57	0.06	137	14.0	153	15.6
28	1 1/8	0.56	0.06	164	16.7	182	18.6
30	1 1/4	0.75	0.08	225	22.9	250	25.5
32	1 1/3	0.82	0.08	259	26.4	288	29.4
36	1 1/2	0.89	0.09	296	30.2	329	33.5
40	1 5/8	1.06	0.11	377	38.4	418	42.7
44	1 3/4	1.28	0.13	467	47.7	519	52.9
48	2	1.37	0.14	516	52.7	574	58.5
52	2 1/8	1.81	0.18	568	57.9	631	64.4
56	2 1/4	2.03	0.21	679	69.2	754	76.9
60	2 1/2	2.28	0.23	800	81.6	889	90.6
64	2 5/8	2.90	0.29	931	95.0	1,035	106
68	2 7/8	3.19	0.32	1,073	109	1,192	122
72	3	3.38	0.34	1,147	117	1,275	130
76	3 1/8	3.90	0.39	1,386	141	1,540	157
80	3 1/4	4.30	0.43	1,559	159	1,732	177
88	3 5/8	5.08	0.51	1,934	197	2,149	219
96	4	5.91	0.60	2,351	240	2,612	266

\*Nominal value. Other & larger diameters are available contact@cookes.co.nz  
 \*\* Tested following C11500B-2015. Elongations are wet immediate  
 \*\*\* Tested following ISO2307:2010. A 10% reduction should be applied for spliced terminations

Elongation**					
% Spliced minimum break force	10	20	30	40	50
% Elongation	5	7.3	8.6	9.6	10.3

Construction:	Parallel sub-ropes with braided jacket
Jacketed?:	Y
Rotating?:	N
Wet strength reduction:	5% of dry break force
Load bearing material:	Nylon
Load bearing material melt range:	220-260°C (428- 500°F)
Jacket material:	Nylon
Jacket material melt range:	220-260°C (428- 500°F)
Rope specific gravity:	1.14
Jacket marker colours:	Blue
Tracer yarns:	Green

# ScanRope

## Viking BraidLine Nylon - SPM

Double braided nylon.

- ✓ OCIMF Compliant
- ✓ True double braid per ISO 10554: 50/50 load sharing
- ✓ Highest rope elongation
- ✓ Highly flexible construction
- ✓ Load bearing material easily visually inspected

OCIMF Size Nuber**	Diameter*		Circumference*		Linear Weight		Minimum Break Force			
					In Air	In Water	Dry		Wet	
Unitless	mm	in	mm	in	kg/m	kg/m	kN	Tonnes	kN	Tonnes
12	96	4 1/4	305	12	5.70	0.58	2,059	210	1,952	199
13	104	4 5/8	330	13	6.70	0.68	2,412	246	2,305	235
14	112	5	356	14	7.80	0.79	2,805	286	2,667	272
15	120	5 5/8	381	15	8.90	0.90	3,217	328	3,060	312
16	128	6	406	16	10.2	1.03	3,658	373	3,481	355
17	136	6 1/4	432	17	11.4	1.15	4,129	421	3,932	401
18	144	6 5/8	457	18	12.8	1.29	4,629	472	4,413	450
19	152	7	483	19	14.3	1.44	5,158	526	4,913	501
20	160	7 1/4	508	20	15.8	1.59	5,717	583	5,443	555
*** 21	168	7 5/8	533	21	17.4	1.76	6,304	643	6,003	612
*** 22	176	8	559	22	19.1	1.93	6,918	705	6,587	672
*** 23	184	8 1/4	584	23	20.9	2.11	7,561	771	7,200	734
*** 24	192	8 5/8	610	24	22.8	2.30	8,233	840	7,839	799

\*Nominal value. Other diameters are available on request - contact@cookes.co.nz  
 \*\* Tested following OCIMF Guidelines for the Purchasing & Testing of SPM Hawsers First Ed. 2000. Elongations are wet immediate  
 \*\*\* Manufactured, supplied & tested in general accordance with: OCIMF Guidelines for the Purchasing & Testing of SPM Hawsers First Ed. 2000

Elongation**					
% Spliced minimum break force	10	20	30	40	50
% Elongation	5.9	9.8	11.9	13.5	14.7

Construction:	Double braid per ISO 10554 (braided cover over braided core)
Jacketed?:	N
Rotating?:	N
Wet strength reduction:	5% of dry break force
Load bearing material:	Nylon
Load bearing material melt range:	220-260°C (428-500°F)
Jacket material:	n/a
Jacket material melt range:	n/a
Rope specific gravity:	1.14
Jacket marker colours:	n/a
Tracer yarns:	Green

# ScanRope

## Viking BraidLine Nylon

Double braided nylon.

- ✓ True double braid per ISO 10554: 50/50 load sharing
- ✓ Highest rope elongation
- ✓ Highly flexible construction
- ✓ Load bearing material easily visually inspected

Diameter*		Linear Weight		MBF			
		In Air	In Water	Spliced**		Un-Spliced***	
mm	ins	kg/m	kg/m	kN	Tonnes	kN	Tonnes
96	4	5.70	0.58	2,059	210	2,288	233
104	4 1/4	6.70	0.68	2,412	246	2,680	273
112	4 5/8	7.80	0.79	2,805	286	3,116	318
120	5	8.90	0.90	3,217	328	3,574	364
128	5 1/4	10.2	1.03	3,658	373	4,064	414
136	5 5/8	11.4	1.15	4,129	421	4,587	468
144	6	12.8	1.29	4,629	472	5,143	524
152	6 1/4	14.3	1.44	5,158	526	5,731	584
160	6 5/8	15.8	1.59	5,717	583	6,353	648
168	7	17.4	1.76	6,304	643	7,004	714
176	7 1/4	19.1	1.93	6,918	705	7,686	784
184	7 5/8	20.9	2.11	7,561	771	8,401	857
192	8	22.8	2.30	8,233	840	9,147	933

\*Nominal value. Other diameters are available upon request - contact@cookes.co.nz  
 \*\* Tested following C11500B-2015. Elongations are immediate  
 \*\*\* Tested following ISO2307:2010. A 10% reduction should be applied for spliced terminations

Elongation**					
% Spliced minimum break force	10	20	30	40	50
% Elongation	5.9	9.8	11.9	13.5	14.7

Construction:	Double braid per ISO 10554 (braided cover over braided core)
Jacketed?:	N
Rotating?:	N
Wet strength reduction:	5% of dry break force
Load bearing material:	Nylon
Load bearing material melt range:	220-260°C (428- 500°F)
Jacket material:	n/a
Jacket material melt range:	n/a
Rope specific gravity:	1.14
Jacket marker colours:	NA
Tracer yarns:	Green

# Nylon Ropes

## Nylon Rope - 3 Strand

Colour	Diameter (mm)	Length m	Unit	Weight		Break Load	
				kgs/100m	kg	kN	
White	6	220	Reel	2.25	760	7.46	
White	8	220	Reel	4.0	1,390	13.65	
White	8	220	Coil	2.25	760	7.46	
White	10	220	Reel	6.2	2,130	20.90	
White	10	220	Coil	6.2	2,130	20.90	
White	12	220	Reel	8.9	3,040	29.80	
White	12	220	Coil	8.9	3,040	29.80	
White	14	220	Coil	12.2	4,180	41.00	
White	16	220	Coil	15.8	5,380	52.80	
White	20	220	Coil	24.5	8,450	82.90	
White	24	220	Coil	35.5	12,300	120.70	
White	28	220	Coil	48.5	16,200	159.00	
White	32	220	Coil	63.0	20,600	202.00	
White	36	220	Coil	80.0	25,700	252.10	
White	40	220	Coil	99.0	31,000	304.10	
White	48	220	Coil	142.0	43,000	421.80	



Nylon rope has twice the strength of manila rope. It has high elongation (under load) when compared to other synthetic ropes. Nylon has high energy absorption under shock and good abrasion resistance. When combined, these characteristics makes nylon rope the best in handling compared to other synthetics. It is utilized extensively in marine settings, such as mooring lines, towing slings, commercial fishing, utility rope, leisure boat, sailing, etc.

### Nylon fibre

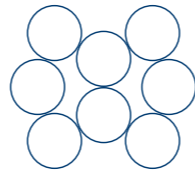
- ✓ Specific gravity : 1.14
- ✓ Melting point : 220°C
- ✓ Elongation at break : 45% (8S/T), 30% (12S/T)
- ✓ Water absorption : 2 ~ 5%



# Nylon Ropes

## Nylon Rope - 8 Strand

Product Code	Diameter (mm)	Length	Unit	Weight	Break Load
		m		kgs/100m	kg
White	10*	250	Coil	6.2	2,200
White	12	250	Coil	8.9	3,000
White	14	250	Coil	12.0	4,000
White	16	250	Coil	15.7	5,100
White	20	250	Coil	24.5	7,700
White	24*	250	Coil	35.5	13,400
White	28*	250	Coil	48.5	17,800
White	32*	250	Coil	63.0	22,500
White	36*	250	Coil	80.0	28,200
White	40*	250	Coil	99.0	34,000



\*Available on indent only.

A non-floating high strength and elasticity, non-rotating rope, ideal for any purpose that requires high shock loading and stretch.

8 plait rope consists of eight 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 resistance to abrasion.

## Nylon Anchor Pack - 3 Strand

Description	Dia	Length
	mm	m
Anchor Warp Nylon	8.0	50
Anchor Warp Nylon	8.0	100
Anchor Warp Nylon	10.0	50
Anchor Warp Nylon	10.0	100
Anchor Warp Nylon	12.0	50
Anchor Warp Nylon	12.0	100



- ✓ Low cost.
- ✓ Strong, light, soft handling.
- ✓ General purpose rope.

# Manila Rope

## Manila Rope - 3 Strand

Material	Diameter (mm)	Length	Unit	Weight	Break Load
		m		kgs/Unit	kg
Natural Fibre	4	500	Coil	6.8	160
Natural Fibre	6	250	Reel	7.4	260
Natural Fibre	8	250	Coil	13.7	480
Natural Fibre	10	250	Coil	17.3	630
Natural Fibre	12	250	Coil	26.6	950
Natural Fibre	14	250	Coil	35.5	1,280
Natural Fibre	16	250	Coil	48	1,800
Natural Fibre	18	250	Coil	55.8	2,300
Natural Fibre	20	250	Coil	69	2,870
Natural Fibre	22	250	Coil	83.7	3,500
Natural Fibre	24	250	Coil	100	4,050
Natural Fibre	28	250	Coil	135	5,500
Natural Fibre	32	250	Coil	175	6,930
Natural Fibre	36	250	Coil	224	8,630
Natural Fibre	40	250	Coil	277	10,430
Natural Fibre	48	250	Coil	401	13,000



Larger sizes available on indent.

- ✓ Natural fibre.
- ✓ Higher quality than Sisal.
- ✓ High abrasion resistance, biodegradable, sinks.
- ✓ Colour nut-brown.



# Braids & twine



## Fineline Braids

### 5 Series

Description	Diameter (mm)	Colour	Length	Weight	Br. Load
			m	kgs/100m	kg
Polyester BRD Coarse CJ515	1.5	White	100	0.16	50
Polyester BRD Coarse CJ520	2.0	White	100	0.27	100
Polyester BRD Coarse CJ525	2.5	White	100	0.42	130
Polyester BRD Coarse CJ530	3.0	White	100	0.60	200
Polyester BRD Coarse CJ535	3.5	White	100	0.81	350
Polyester BRD Coarse CJ540	4.0	White	100	1.13	390
Polyester BRD Coarse CJ545	4.5	White	100	1.28	425
Polyester BRD Coarse CJ550	5.0	White	100	1.57	565
Polyester BRD Coarse CJ560	6.0	White	100	2.36	600
Polyester BRD Coarse CJ515	1.5	Black	100	0.16	50
Polyester BRD Coarse CJ520	2.0	Black	100	0.27	100
Polyester BRD Coarse CJ530	3.0	Black	100	0.60	200
Polyester BRD Coarse CJ540	4.0	Black	100	1.13	390
Polyester BRD Coarse CJ545	4.5	Black	100	1.28	425
Polyester BRD Coarse CJ560	6.0	Black	100	2.36	600



- ✓ Eight Plait construction.
- ✓ High tenacity UV stabilised polyester core and cover.
- ✓ Solid white and black.
- ✓ Other colours available on indent.

# Fineline Braids

## 6 Series

Description	Dia	Colour	Length	Weight	Br. Load
	mm			m	
Polyester BRD CJ610	1.0	White	100	0.13	25
Polyester BRD CJ615	1.5	White	100	0.16	50
Polyester BRD CJ620	2.0	White	100	0.27	75
Polyester BRD CJ625	2.5	White	100	0.49	200
Polyester BRD CJ630	3.0	White	100	0.63	240
Polyester BRD CJ635	3.5	White	100	0.80	275
Polyester BRD CJ640	4.0	White	100	1.34	400
Polyester BRD CJ645	4.5	White	100	1.41	425
Polyester BRD CJ650	5.0	White	100	1.83	520
Polyester BRD CJ660	6.0	White	100	2.40	650
Polyester BRD CJ610	1.0	Black	100	0.13	25
Polyester BRD CJ615	1.5	Black	100	0.16	50
Polyester BRD CJ620	2.0	Black	100	0.27	75
Polyester BRD CJ625	2.5	Black	100	0.49	200
Polyester BRD CJ630	3.0	Black	100	0.63	240
Polyester BRD CJ635	3.5	Black	100	0.80	275
Polyester BRD CJ640	4.0	Black	100	1.34	400
Polyester BRD CJ645	4.5	Black	100	1.41	425
Polyester BRD CJ650	5.0	Black	100	1.83	520
Polyester BRD CJ660	6.0	Black	100	2.40	650

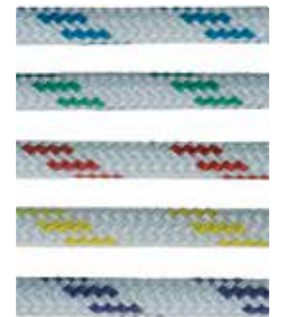


- ✓ Sixteen Carrier smooth construction.
- ✓ High tenacity UV stabilised polyester core and cover.
- ✓ Solid white and black.
- ✓ Other colours available on indent.

# Fineline Braids

## Classic Rope - Fleck (4 to 10 mm)

Description	Dia	Colour	Length	Weight	Br. Load
	mm			m	
Fineline Fleck YJ4	4.0	Blue	100	1.16	220
Fineline Fleck YJ4	4.0	Green	100	1.16	220
Fineline Fleck YJ4	4.0	Red	100	1.16	220
Fineline Fleck YJ4	4.0	Yellow	100	1.16	220
Fineline Fleck YJ4	4.0	Black	100	1.16	220
Fineline Fleck YJ6	6.0	Blue	100	2.77	700
Fineline Fleck YJ6	6.0	Green	100	2.77	700
Fineline Fleck YJ6	6.0	Red	100	2.77	700
Fineline Fleck YJ6	6.0	Yellow	100	2.77	700
Fineline Fleck YJ6	6.0	Black	100	2.77	700
Fineline Fleck YJ8	8.0	Blue	100	4.97	1,500
Fineline Fleck YJ8	8.0	Green	100	4.97	1,500
Fineline Fleck YJ8	8.0	Red	100	4.97	1,500
Fineline Fleck YJ8	8.0	Yellow	100	4.97	1,500
Fineline Fleck YJ8	8.0	Black	100	4.97	1,500
Fineline Fleck YJ10	10.0	Blue	100	7.75	2,500
Fineline Fleck YJ10	10.0	Green	100	7.75	2,500
Fineline Fleck YJ10	10.0	Red	100	7.75	2,500
Fineline Fleck YJ10	10.0	Yellow	100	7.75	2,500
Fineline Fleck YJ10	10.0	Black	100	7.75	2,500

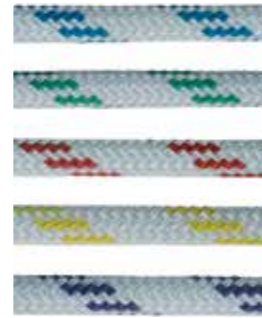


- ✓ Designed for the cruiser/racer, FINELINE™ polyester double braids are constructed using 100% high tenacity multifilament polyester yarn.
- ✓ High strength with low stretch and softer construction for ease of splicing.
- ✓ Excellent UV and chemical resistance, for use on most yachting applications such as: sheets, halyards, downhauls, runners, reefing line and spinnaker guys.

# Fineline Braids

## Classic Rope - Fleck (12 to 16 mm)

Description	Dia	Colour	Length	Weight	Br. Load
	mm				
Fineline Fleck YJ12	12.0	Blue	100	10.30	3,100
Fineline Fleck YJ12	12.0	Green	100	10.30	3,100
Fineline Fleck YJ12	12.0	Red	100	10.30	3,100
Fineline Fleck YJ12	12.0	Yellow	100	10.30	3,100
Fineline Fleck YJ12	12.0	Black	100	10.30	3,100
Fineline Fleck YJ14	14.0	Blue	100	15.30	4,800
Fineline Fleck YJ14	14.0	Green	100	15.30	4,800
Fineline Fleck YJ14	14.0	Red	100	15.30	4,800
Fineline Fleck YJ14	14.0	Yellow	100	15.30	4,800
Fineline Fleck YJ14	14.0	Black	100	15.30	4,800
Fineline Fleck YJ16	16.0	Blue	100	18.10	6,400
Fineline Fleck YJ16	16.0	Green	100	18.10	6,400
Fineline Fleck YJ16	16.0	Red	100	18.10	6,400
Fineline Fleck YJ16	16.0	Yellow	100	18.10	6,400
Fineline Fleck YJ16	16.0	Black	100	18.10	6,400



- ✓ Designed for the cruiser/racer, FINELINE™ polyester double braids are constructed using 100% high tenacity multifilament polyester yarn.
- ✓ High strength with low stretch, softer construction for ease of splicing.
- ✓ Excellent UV and chemical resistance for use on most yachting applications, such as sheets, halyards, downhauls, runners, reefing line, and spinnaker guys.

# Fineline Braids

## Classic Rope - Solid

Description	Dia	Colour	Length	Weight	Br. Load
	mm				
Fineline Solid YJ4	4.0	Various	100	1.16	220
Fineline Solid YJ4	4.0	White	100	1.16	220
Fineline Solid YJ6	6.0	White	100	2.77	700
Fineline Solid YJ6	6.0	Various	100	2.77	700
Fineline Solid YJ6	6.0	Black	100	2.77	700
Fineline Solid YJ8	8.0	Black	100	4.97	1,500
Fineline Solid YJ8	8.0	White	100	4.97	1,500
Fineline Solid YJ8	8.0	Various	100	4.97	1,500
Fineline Solid YJ10	10.0	Black	100	7.75	2,500
Fineline Solid YJ10	10.0	White	100	7.75	2,500
Fineline Solid YJ10	10.0	Various	100	7.75	2,500
Fineline Solid YJ12	12.0	Black	100	10.3	3,100
Fineline Solid YJ12	12.0	Blue	100	10.3	3,100
Fineline Solid YJ12	12.0	Red	100	10.3	3,100
Fineline Solid YJ12	12.0	Yellow	100	10.3	3,100
Fineline Solid YJ12	12.0	Various	100	10.3	3,100
Fineline Solid YJ12	12.0	Green	100	10.3	3,100
Fineline Solid YJ14	14.0	Various	100	15.3	4,800
Fineline Solid YJ14	14.0	White	100	15.3	4,800
Fineline Solid YJ16	16.0	White	100	18.1	6,400
Fineline Solid YJ16	16.0	Various	100	18.1	6,400



- ✓ Designed for the cruiser/racer, FINELINE™ polyester double braids are constructed using 100% high tenacity multifilament polyester yarn.
- ✓ High strength with low stretch, softer construction for ease of splicing.
- ✓ Excellent UV and chemical resistance, for use on most yachting applications such as: Sheets, halyards, downhauls, runners, reefing line and spinnaker guys.

# Fineline Braids

## Dyneema® Advantage Braid - Poly

Description	Dia	Colour	Length	Weight	Br. Load
	mm				
Dyneema Advantage	2.0	Various	100	0.36	200
Dyneema Advantage	3.0	Various	100	0.60	300
Dyneema Advantage	4.0	Various	100	1.20	480
Dyneema Advantage	5.0	Various	100	1.60	800
Dyneema Advantage	6.0	Various	100	2.70	1,400
Dyneema Advantage	8.0	Various	100	4.65	2,500
Dyneema Advantage	10.0	Various	100	6.80	4,100
Dyneema Advantage	12.0	Various	100	9.50	5,500
Dyneema Advantage	14.0	Various	100	13.50	8,000
Dyneema Advantage	16.0	Various	100	15.50	9,000



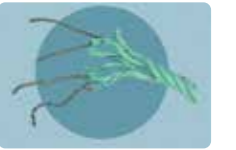
- ✓ High performance Dyneema® Fibre SK75 HDPE core and 100% high tenacity polyester cover.
- ✓ Double braid construction with high strength and low stretch.

# Fishing Braids

## Lead Core Rope

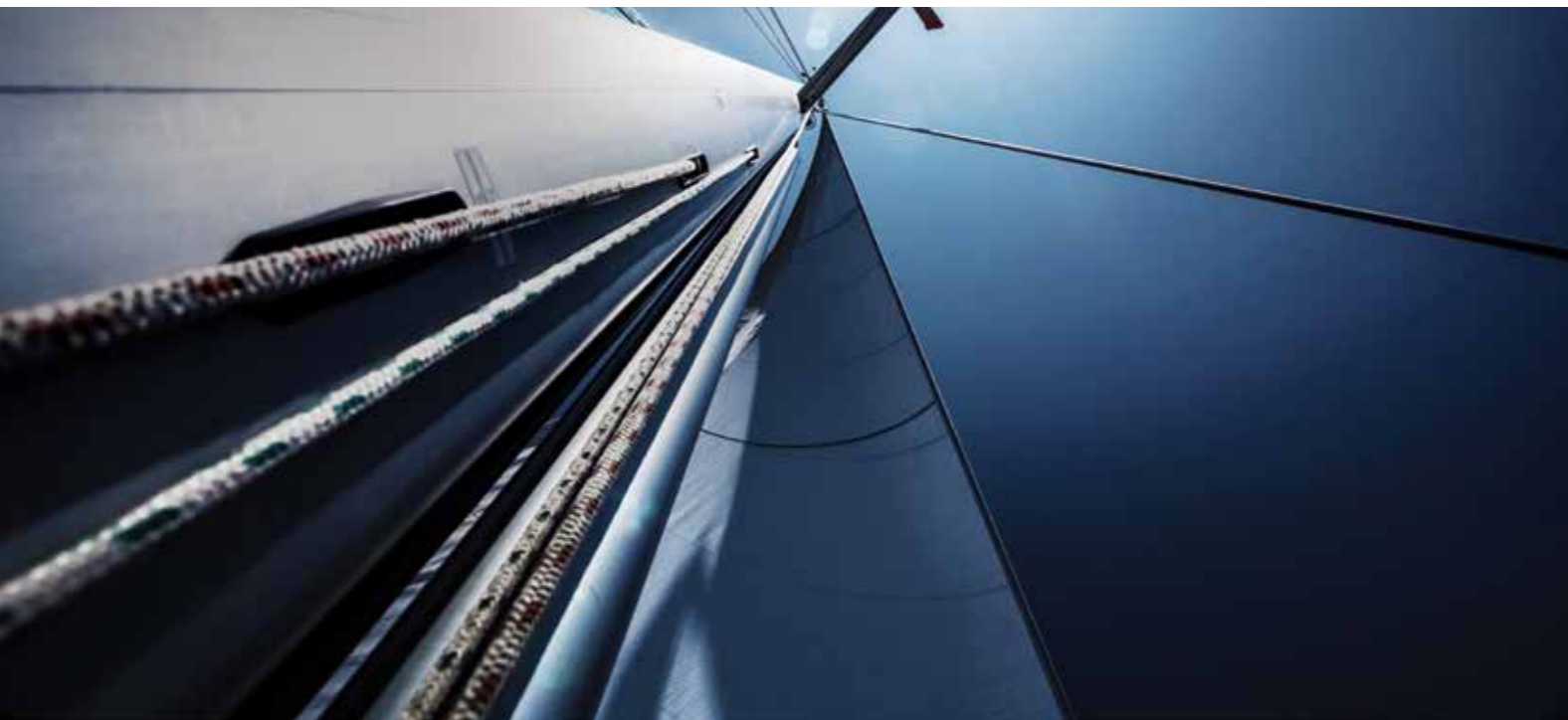
Construction	Diameter (mm)	Length m	Unit	Weight	Break Load	
				kgs/100m	kg	kN
Lead Core	6	220	Coil	2.64	580	5.70
Lead Core	8	220	Coil	4.75	1,130	11.10
Lead Core	9	220	Coil	6.00	1,360	13.30
Lead Core	11	250	Coil	10.50	2,250	22.00

- ✓ Lead core rope is manufactured to make the rope sink into water.
- ✓ Lead core ropes are used in commercial fishing, particularly as net bottom lines.



## Lead Core Braid

Product Code	Description	Length	Unit	Weight
		m		kgs/240m
18027011	4 mm Lead Core Braid	220	Reel	11
18027019	5 mm Lead Core Braid	220	Reel	19.2



# Fishing Braids

## Polyester Staple Netting Twine

Description	Size	Length	Unit	Break Load
	mm	m / 500g		kg
Polyester Staple	10's / 09	1,000	Spool	25
Polyester Staple	10's / 12	775	Spool	34
Polyester Staple	10's / 15	625	Spool	42
Polyester Staple	10's / 18	520	Spool	50
Polyester Staple	10's / 24	390	Spool	67
Polyester Staple	10's / 30	310	Spool	84
Polyester Staple	10's / 36	260	Spool	100



## Gourock Fishing Braids

Description	Size	Material	Reel Size
	mm		m
Fishing Braid	9	Polyester, Dbl Braid	100
Fishing Braid	11	Polyester, Dbl Braid	100
Fishing Braid	13	Polyester, Dbl Braid	100
PP-310L Braid Blue	10	Polypropylene Braid	220
PE-620L Braid Orange	13	Polyethylene Braid	220
Kendju Bentsu Chain Tie	11	PE / PES Braid	300

# Fishing Braids

## Nylon Braid Black

Description	Dia	Spl Size	Approx. B/S	Approx. Mtr / kg	Packaging (carton)
		kg			
Nylon Braid Black 1kg	1.0	1	40	650	25 spls
Nylon Braid Black 1kg	1.5	1	50	550	25 spls
Nylon Braid Black 1kg	2.0	1	65	370	25 spls
Nylon Braid Black 1kg	2.5	1	80	270	25 spls
Nylon Braid Black 1kg	3.0	1	150	200	25 spls
Nylon Braid Black 1kg	3.5	1	200	140	25 spls
Nylon Braid Black 1kg	4.0	1	300	85	25 spls
Nylon Braid Black 1kg	4.5	1	350	60	25 spls

## HDPE Braided Netting Twines

Model	Dia	Spl Size	Knot B/S	Mtr / kg	Packaging (tray)
	mm	kg	kg		
Olivene MK3	2.5	1	175	287	12 spls
Olivene MK3	3.5	1	275	190	12 spls
Olivene MK3	4.0	1	330	155	12 spls
Olivene MK3	5.0	1	523	100	12 spls
Olivene MK3	6.0	1.5	725	59	9 spls
Sapphire	2.1	1	161	375	12 spls
Sapphire	3.1	1	299	190	12 spls
Stealth	6.0	1	501	75	12 spls



# Fishing Braids

## Polyethylene / Polyester Braided Twines

Model	Dia	Spl Size	Colour	Packaging (carton)
	mm	kg		
Polyblend	3	1	Green / White	25 spls
Polyblend	3	1	Blue / White	25 spls
Polyblend	3	1	Black / White	25 spls
Polyblend	3	1	Red / White	25 spls
Polyblend	3	1	Yellow / White	25 spls
Polyblend	4	1	Green / White	25 spls
Polyblend	5	1	Green / White	25 spls

## Nylon Braided Slings Twines - White

Description	Dia	Spl Size	Approx. B/S	Approx. Mtr / kg	Packaging (carton)
		kg			
210d / 3 x 16 Nylon Braid	1.0	1	40	650	25 spls
210d / 4 x 16 Nylon Braid	1.5	1	50	550	25 spls
210d / 6 x 16 Nylon Braid	2.0	1	65	370	25 spls
210d / 8 x 16 Nylon Braid	2.5	1	80	270	25 spls
210d / 12 x 16 Nylon Braid	3.0	1	150	200	25 spls
210d / 18 x 16 Nylon Braid	3.5	1	200	140	25 spls
210d / 24 x 16 Nylon Braid	4.0	1	300	85	25 spls
210d / 32 x 16 Nylon Braid	4.5	1	350	60	25 spls
210d / 36 x 16 Nylon Braid	5.0	1	400	50	25 spls
210d / 48 x 16 Nylon Braid	6.0	1	600	40	25 spls
210d / 48 x 16 Nylon Braid	6.0	2	600	80	12 spls
210d / 80 x 16 Nylon Braid	8.0	2	800	50	25 spls



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