

HIGH PERFORMANCE PRODUCTS FOR

Purse seine.



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 commercial fishing products and services.

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 our decades of experience working alongside the commercial fishing sector supplying high performance nets, floats and services and you have New Zealand's leader in performance driven solutions for fishing & Aquaculture.

market leading solutions for purse seine.

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.

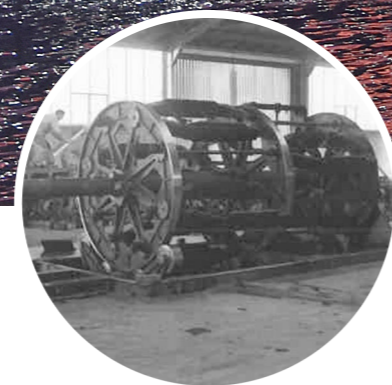
Two of the most enduring wire and rope pioneers joined forces in 2016 to make this ambition real. Bridon-Bekaert Ropes Group has a global manufacturing footprint and employs approximately 2500 people worldwide.



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

KITOPVVB

VAN BEEST

YOKE

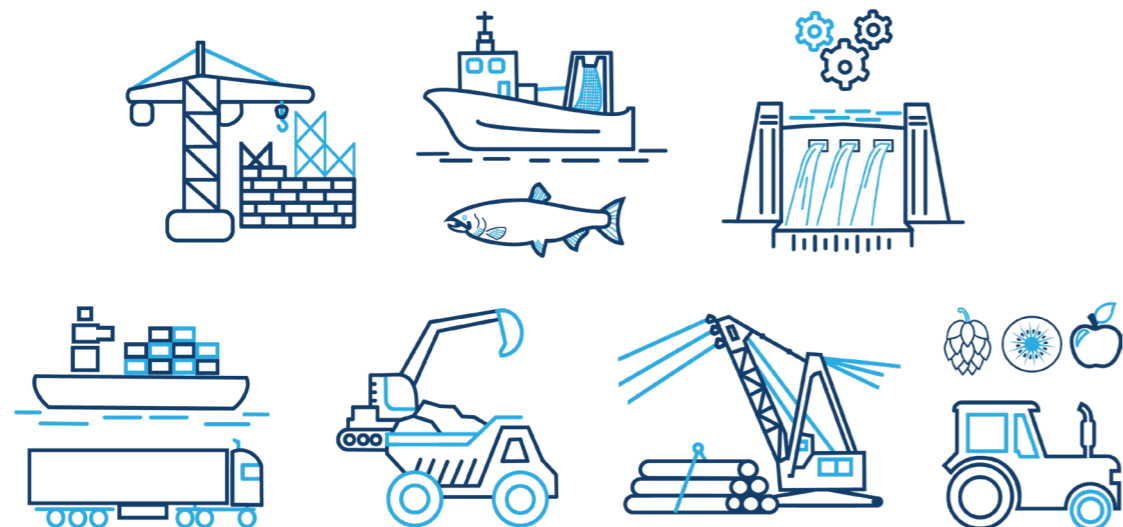
Crosby

RUD

EQUIPMENT

BRADKEN

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.

technologies.

Polymer Technologies

PLASTIC IMPREGNATION

High performance plastic impregnation is designed to offer an internal cushioning layer to the inter-strand contact points especially between core to cover on multi-strand low rotation ropes improving bend fatigue and core service life.

NXG

Advanced next generation low friction polymer technology incorporating unique additives to further enhance fatigue life of plasticated ropes

OUR PREMIERE PRODUCT OFFERING WITH POLYMER TECHNOLOGY

starfish®

STARFISH ropes construction reduces sheave wear and point to point loading, which combined with the superior dynamic structural stability provided by the Bristar core, ensures exceptional performance.

✓ HIGH PERFORMANCE CONSTRUCTION

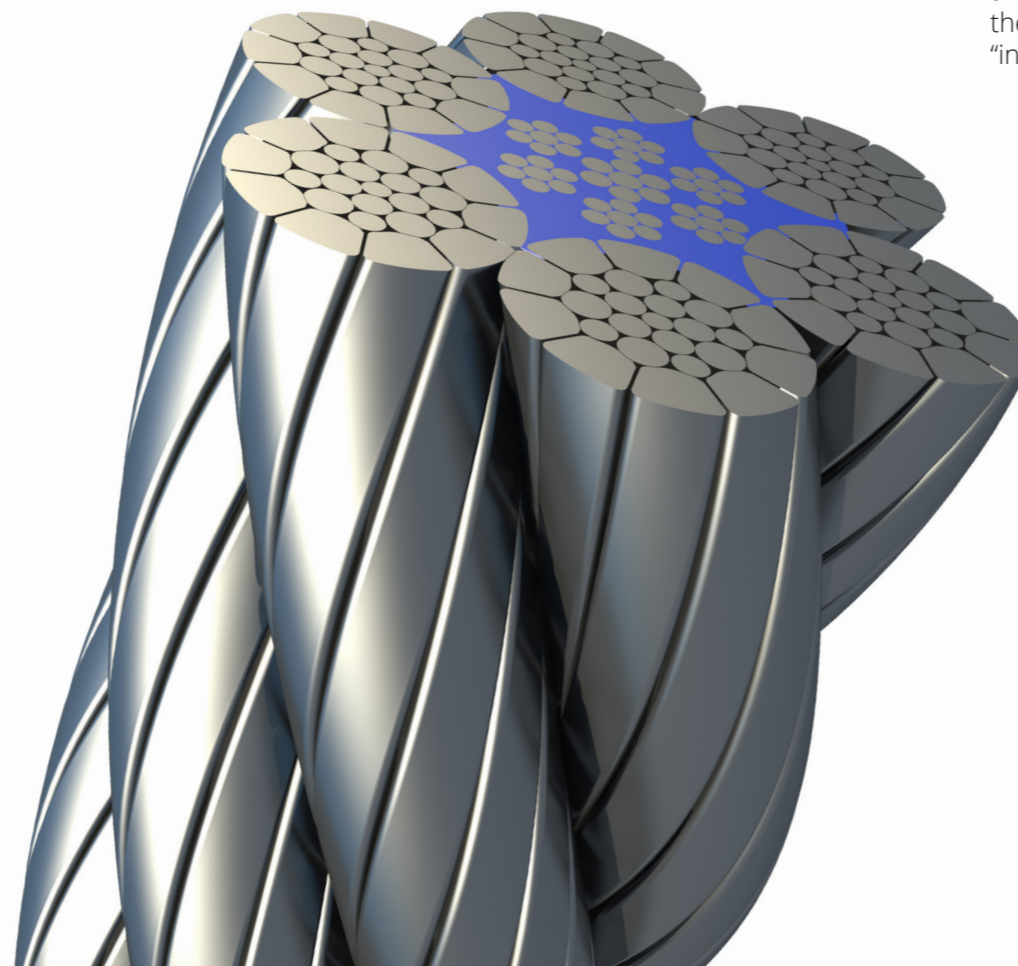
Improved strand positioning significantly increases fatigue life and wear resistance

✓ GREATER INTERNAL ROPE PROTECTION

Enhanced core life

✓ INCREASED ROPE STABILITY

Enhanced diameter stability under load improves drum spooling performance and reduces crushing



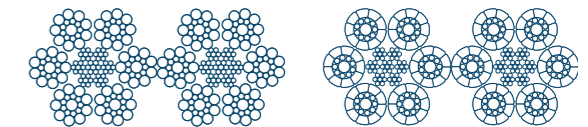
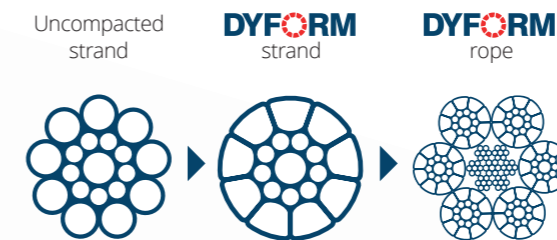
Rope Compaction

DYFORM®

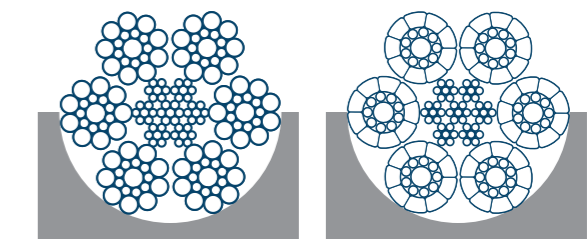
Bridon-Bekaert manufactures ropes using a unique dyforming process that compacts the strands as shown below. The smooth surface of the "Dyform" product provides improved rope to sheave contact leading to reduced wear on both rope and sheave. Increased cross-sectional steel area and improved inter-wire contact ensures that the rope will operate with lower internal stress levels resulting in longer bending fatigue life and lower costs.

If abrasion is determined to be a major factor in rope deterioration then a wire rope with relatively large outer wires.

Non Dyform wire rope on adjacent drum laps can cause point contact and accelerated wear. Selection of a Dyform product will reduce abrasion through improved contact of the smooth surfaces, creating better contact and longer rope life.

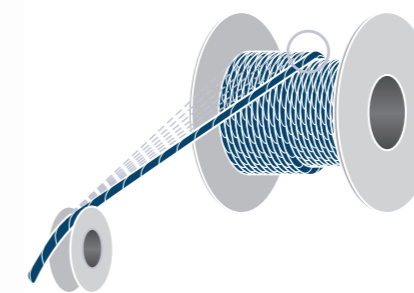


Dyform ropes also reduce rope to sheave abrasion through increased contact of the periphery of the rope with the sheave as shown below.



RESISTANCE TO ABRASIVE WEAR

Abrasive wear can take place between rope and sheave and between rope and drum but the greatest cause of abrasion is often through "interference" at the drum.



CRUSH RESISTANCE

In multi-layer coiling applications where there is more than one layer of rope on the drum it is essential to install the rope with some back tension. Bridon recommends a minimum installation tension of between 2.5% and 10% of the minimum breaking force of the rope.

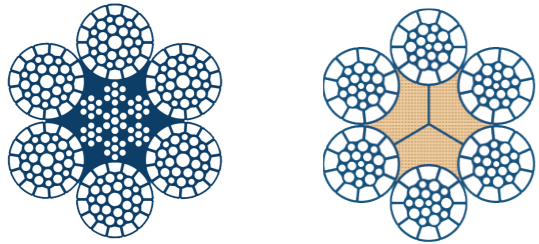
If this is not achieved, or in certain applications where high pressure on underlying rope layers is inevitable e.g. a boom hoist rope raising a boom from the horizontal position, severe crushing damage can be caused to underlying layers.

Purse Wires

Dyform SeaPurse IWRC

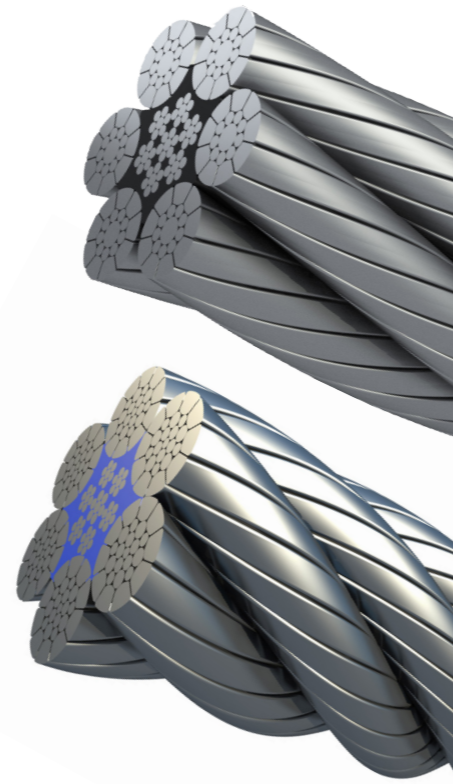
Dyform SeaPurse is a compacted strand wire rope recommended for purse seining. The rope features large outer wires for increased abrasion resistance and a smooth surface suitable for purse rings.

* Available in steel or fibre core



Benefits

- ✓ Increased abrasion resistance
- ✓ Reduced wear from roller rings
- ✓ High fatigue resistance



BRIDON
a BRIDON · BEKAERT Ropes Group Brand

Dyform Seapurse

ROPE DIAMETER (MM)	NOMINAL LENGTH MASS (KG/M) IWRC	MINIMUM BREAK FORCE		NOMINAL LENGTH MASS (KG/M) (POLY CORE)	MINIMUM BREAK FORCE	
		(kN)	(TONNES)		(kN)	(TONNES)

6X19S (1420/1770N/MM²)

20	1.70	252	25.60	1.60		
22	2.19	302	30.79	1.90	290	29.50
24	2.47	377	39.40	2.20	343	35.00
26	2.93	413	42.11	2.67	443	45.1
28	3.21	514	52.40	2.85	460	46.90
30	3.88	589	60.06	3.51	529	54.00

Did you know?



TECHNICAL ADVICE & SPECIFICATION

We are New Zealand's largest & most experienced wire rope supplier and pride ourselves on the ability to provide expert knowledge & technical advice to our customers.

- ✓ Advice & technology to increase the useful life of your ropes.
- ✓ BBtec - The worlds leading wire rope development & technology centre.
- ✓ The compliance and assurance of your wire rope.

Tuna net chain

ACCO Tuna Chain

ACCO uses high quality steel, especially formulated and heat treated for tuna fishing. Every heat treated lot is sampled and destructively tested for material strength and link elongation – assuring compliance to designed criteria. All Tuna Net Chain is then proof tested, 100%, every link.

The ACCO Tuna Net Chain is continuously hot dip galvanised to provide the deep strong protective coating you have come to expect which has over 30% more zinc per unit volume than mechanical coating.

In the hot dip process, the galvanised zinc coating is alloyed with the base steel creating a metallurgical bond that is several orders of magnitude stronger than mechanical bonding.

- ✓ Hot dip galvanised
- ✓ Tested and certified
- ✓ Manufactured in the U.S

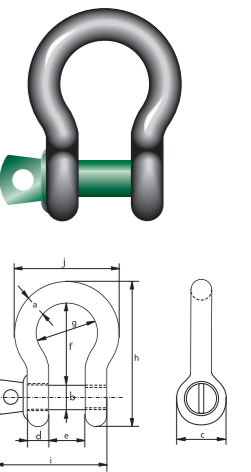


Product Code	ACCO Item No.	Dimensions (mm)			MWL** t	Weight (kg)		Length (m) Drum
		Diameter	Inside Length	Inside Width		m	Drum	
02614010*	520140692	10	33.8	14.5	3.00	2.2	268	122
02614011*	520140792	12	34.8	19.1	3.97	3.2	291	91
02614013*	520140892	13	43.7	19.1	5.12	3.8	232	61
02614014*	520140992	14	43.2	21.6	5.50	4.5	275	61
02614016*	520141092	16	49.3	23.1	7.17	5.7	257	45

Fittings

Green Pin® Standard Bow Shackles – Screw Collar Pin

Product Code	WLL t	Dimensions (mm)										Weight kg
		a	b	c	d	e	f	g	h	i	j	
02325019	3.25	16	19	40	16	27	64	43	110	89	75	0.63
02325022	4.75	19	22	46	19	31	76	51	129	103	89	1.01
02325026	6.50	22	25	52	22	36	83	58	144	119	102	1.50
02325028	8.50	25	28	59	25	43	95	68	164	137	118	2.21
02325032	9.50	28	32	66	28	47	108	75	185	153	131	3.16
02325035	12.00	32	35	72	32	51	115	83	201	170	147	4.31
02325038	13.50	35	38	80	35	57	133	92	227	186	162	5.55
02325042	17.00	38	42	88	38	60	146	99	249	203	175	7.43



Quenched and tempered high tensile grade 6 steel shackles with hot dip galvanised finish.

- ✓ 6:1 design factor
- ✓ Tested and certified.
- ✓ Manufactured in The Netherlands.

Did you know?



AUTHORISED DISTRIBUTORS

the **Crosby** group, inc.

YOKE

As New Zealand's authorised distributor for The Crosby Group and Yoke, their full range of shackles are available on indent. Contact Cookes for further information.

Purse Seine Floats

EVA Floats

High performance floats for purse seine fishing. Our floats are made from EVA material and are available in a range of sizes and shapes to suit your requirements.

Benefits

- ✓ Ethylene Vinyl Acetate (E.V.A) floats are an ideal surface float
- ✓ Impact resistant - do not break, shrink or deform.
- ✓ Do not absorb water, light weight with maximum surface buoyancy.
- ✓ Weather and U.V. resistant.



Purse Seine Floats

EVA Floats

Purse Seine Floats

Product Code	Model	Nett Buoyancy	Weight	Dimensions (mm)		
		kg	g	L	OD	HD
17068265	SHE-10	0.95	180	170	110	20
17068270	SHE-40	3.8	585	208	185	37
17068275	SHE-50	5	786	225	202	40
17068280	SHE-70	6.5	1,000	250	220	42
17068285	SHE-85	8.5	1,314	265	248	48

EVA Floats

Product Code	Model	Nett Buoyancy	Dimensions (mm)			Colour
		kg	L	Dia.	Hole.	
17068315	SHBB-1	5.00	365	153	25	Yellow / White
17068316	SHBB-2	5.70	365	178	25	Yellow / White



GLOBAL FOOTPRINT



LOCAL
EXPERTISE

COOKES
a BRIDON · BEKAERT Ropes Group Brand

Our locations.

AUCKLAND HEAD OFFICE

6 - 10 Greenmount Drive
East Tamaki
Auckland 2013
customerservices@cookes.co.nz
Phone: +64 9 274 4299

WHANGAREI

239 Lower Port Road
Whangarei 0174
whgsales@cookes.co.nz
Phone: +64 9 438 8964

HAMILTON

17 Tasman Road
Avalon
Phone: 0508 274 366

ROTORUA / Napier

59 Marguerita Street
Rotorua 3010
rotsales@cookes.co.nz
Phone: +64 7 348 3042

TAURANGA

1 Marsh Street
Tauranga 3110
tausales@cookes.co.nz
Phone: +64 7 578 0605

NEW PLYMOUTH

72 Corbett Road
Bell Block, RD3
New Plymouth 4312
npysales@cookes.co.nz
Phone: +64 6 755 0413

WELLINGTON / PALMERSTON NORTH

57 Cuba Street
Petone, Wellington 5012
wtnsales@cookes.co.nz
Phone: +64 4 568 4384

NELSON

8 Akersten Street
Port Nelson 7010
nelsales@cookes.co.nz
Phone: +64 3 548 0719

CHRISTCHURCH

124C Waterloo Road
Christchurch 8042
chcsales@cookes.co.nz
Phone: +64 3 349 3002

TIMARU

66 Seadown Rd
Timaru 7910
timsales@cookes.co.nz
Phone: +64 3 684 7494

DUNEDIN

2A Orari Street
Dunedin 9012
dunsales@cookes.co.nz
Phone: +64 3 455 3966

INVERCARGILL

137 Clyde Street
Invercargill 9810
invsales@cookes.co.nz
Phone: +64 3 218 4682

COOKES

a BRIDON · BEKAERT Ropes Group Brand

contact@cookes.co.nz

www.cookes.co.nz



facebook.com/BridonBekaert



linkedin.com/company/bridon-bekaert



twitter.com/bridonbekaert

Head Office

Bridon New Zealand Limited
trading as **Cookes**

6-10 Greenmount Drive, East Tamaki
PO Box 14 422, Panmure

Auckland

0508 274 366

+64 9 274 4299

Disclaimer:

Whilst every effort has been made to ensure the accuracy of information in this publication, no guarantee or warranty (expressed or implied) is given with respect to the accuracy or completeness of the information contained within. This publication and the products described herein may be changed or updated without notice. Any and all liability whatsoever for any loss or damage arising, directly or indirectly, out of or in connection with the use of this publication, is excluded to the fullest extent permitted by law. The user must determine the suitability of the product for their own particular purpose, either alone or in combination with other products and shall assume all risk and liability in connection therewith. This document is published by Bridon New Zealand Ltd. Use of this publication shall be governed in accordance with the laws of New Zealand courts and shall have exclusive jurisdiction over any dispute concerning your use of this publication.

Intellectual Property:

All rights reserved. No parts of this publication may be reproduced or transmitted in any form or by any means without the prior written permission of the copyright holder, application for which should be addressed to Bridon New Zealand Ltd.

Edition 01/2019 Cookes Purse Seine Brochure

BRIDON · BEKAERT
THE ROPES GROUP