



AQUACULTURE BROCHURE 2026

Mussel Crop Ropes



OPEN WATER

RANGE

14mm core

50 - 60mm double density loop trim

320m coil and 1600m bags

CHARACTERISTICS

- Designed for open water farming
- Looped surface ensures multiple attachment points to shelter mussel from extreme conditions prevalent with open water farming.
- Special Aqua trim reduces Bio fouling
- 'Fibtrim' allows multiple attachment points
- Double loop trim construction
- Highest loop density available
- Fully balanced construction
- UV stabilised to protect rope from degrading
- Reduces slumping caused by over settlement
- Anti twist construction



AQUALOOP / BROWN LOOP

RANGE

14mm core

55 - 65mm loop trim

400m coil in Aqua colour

2000m bags in Aqua or Brown (Brownloop)

CHARACTERISTICS

- Cost effective brother to Open Water
- Ideal for high tidal areas
- Special trim reduces Bio fouling
- Consistent dense loops allows greater attachment points
- Increased surface area
- 'Fibtrim' allows multiple attachment points
- Fully balanced construction
- UV stabilised to protect rope from degrading

FIBRE CHARACTERISTICS

Fibre type	Description	Specific gravity	Sensitive to	Resistant to	Heat reaction	Strength and elongation
PP (Polypropylene)	Continuous Filament	0.91	Sodium hypochlorite and some hot organic solvents. Very susceptible to sunlight but with suitable additives, loss of strength is retarded.	Hot and cold acids like alkalis	Shrinks rapidly from flame. Curls and melts at about 165°C.	High tenacity. Good recovery from stretch and elongation at break for film ropes is 25-30%.



Code	Grams/ Metre	Colour	Size (mm)*	Unit (m)	Length	Units/ 20ft Container
RUSSET LOOP						
RROM1416	205	Brown	75	Bag	1500	24
OPEN WATER						
RROM1410	147	Aqua	50-60 **	Coil	320	160
RROM1411	147	Aqua	50-60 **	Bag	1600	24
AQUALOOP						
RROM1407	118	Aqua	55-65	Coil	400	160
RROM1413	118	Aqua	55-65	Bag	2000	24
RROM1409 (Brownloop)	118	Brown	55-65	Bag	2000	24
SUPER XMAS TREE						
RROM1403	102	Black	55-65	Coil	500	160
LITE LOOP						
RROM 1000	92	Aqua	50	Coil	500	224



RUSSET LOOP

RANGE

14mm core
65 - 75mm loop trim
1500m bag

CHARACTERISTICS

- Twin Brown high density trim.
- Unique Twin Trim support process giving short dense loops combine with longer outer loops.
- Exaggerated core diameter to increase bulk.
- Higher surface area available.
- Unique 'Fibtrim' technology allows multiple attachment points.



SUPER XMAS TREE

RANGE

14mm core
55 - 65mm loop trim
500m coils
Black in colour

CHARACTERISTICS

- Ideal for sheltered waters
- Straight trim reduces crop damage at harvest
- Economical construction
- High Quality UV stabilised yarn
- Fully Balanced Construction.
- Manufactured from a single stage process creating the hairs from the rope itself preventing trim separating from rope.



LITE LOOP

RANGE

10mm core
50mm loop trim
500m coils

CHARACTERISTICS

- Designed for high current/tidal areas
- Lightweight core
- Dense Loop trim configuration
- Produces significantly less drag than standard rope
- Reduces fouling on ropes
- Unique 'Fibtrim' technology

Spat Ropes



WEIGHTED XMAS TREE

RANGE

14mm core with 60-65mm sewn trim

3, 5 & 6 Strand Lead options

Coil and Bag options

Black colour

220mtr coils or 1980mtr bags

CHARACTERISTICS

- Superior Spat catching
- Proven Spat retention
- Unique trim construction
- Straight trim reduces damage to spat during stripping
- Each strand weighted
- Fully balanced construction
- UV stabilised



SUPER WEIGHTED XMAS TREE

RANGE

14mm core

55 - 65mm cut trim

500m coils or 2000mtr Bags

Black in colour

CHARACTERISTICS

- Cost effective brother to Weighted Xmas Tree
- Straight trim reduces crop damage at harvest
- Economical construction
- Fully balanced



SUPER XMAS TREE

RANGE

14mm core

55 - 65mm cut trim

500m coils or 2000mtr Bags

Black in colour

CHARACTERISTICS

- Cost effective brother to Weighted Xmas Tree
- Straight trim reduces crop damage at harvest
- Economical construction
- Fully balanced

FIBRE CHARACTERISTICS

Fibre type	Description	Specific gravity	Sensitive to	Resistant to	Heat reaction	Strength and elongation
PP (Polypropylene)	Continuous Filament	0.91	Sodium hypochlorite and some hot organic solvents. Very susceptible to sunlight but with suitable additives, loss of strength is retarded.	Hot and cold acids like alkalis	Shrinks rapidly from flame. Curls and melts at about 165°C.	High tenacity. Good recovery from stretch and elongation at break for film ropes is 25-30%.

Code	No. Strands lead	Grams/ Metre	Size (mm)	Unit	Length (m)	Units/ 20ft Container
EXTRA WEIGHTED XMAS TREE						
RROM1406	3	236	60-65	Coil	220	320
RROM1405	3	236	60-65	Bag	1980	24
5 STRAND WEIGHTED XMAS TREE						
RROM1420	5	318	60-65	Coil	220	320
DOUBLE WEIGHTED XMAS TREE						
RROM1412	6	364	60-65	Coil	220	320
SUPER WEIGHTED XMAS TREE						
RROM1403A	3	236	55-65	Coil	500	160
RROM1401A	3	236	55-65	Bag	2000	24
SUPER XMAS TREE						
RROM1403		10	55-65	Coil	500	60
TRIPLE TRIM UN-WEIGHTED XMAS TREE						
RROM1427		21	60-65	Coil	220	196
Code	Grams /Metre	Core Size (mm)	Unit Reel, Length (m)	Units/ 20ft Container		
HATCHERY BRAID						
RROM1201	150	12	200	320		



HATCHERY BRAID

RANGE

12mm com
200m coils
Black colour

CHARACTERISTICS

- Braided B strand PP rope
- Abraded surface attachment points
- Excellent Spat collection and retention
- Easily transportable from hatchery
- Easily stripped with minimal spat damage



TRIPLE TRIM UN-WEIGHTED XMAS TREE (PEARL)

RANGE

14mm core with
60-65mm sewn trim
220mtr coils
Black colour

CHARACTERISTICS

- Triple trim construction
- Deveoped for Pearling Industry
- Unique thin trim construction
- Fully balanced
- UV Stablised

Structure Ropes & Lashings

ROPE

Aquasteel Rope



RANGE

20 - 40mm diameter

Black with aqua marker

Custom lengths available*

Manufacturing times apply

FEATURES/ BENEFITS

- High Abrasion Resistance
- High strength to weight ratio
- Excellent shock absorption
- UV resistant with excellent weathering properties
- Excellent knotting and splicing

APPLICATIONS

- Backbone
- Droppers
- Warp Ropes

Product Code	Size (mm)	Colour	Length (m)	Weight (kg)	Tensil (kg)
RROM2000	20	Black	220	39.4	6900
RROM2402	24	Black	220	57	9500
RROM2801	28	Black	220	78	13200
RROM3200	32	Black	220	101	16800
RROM3601	36	Black	220	129	20600
RROM4001	40	Black	220	161	25700

Lashings



FEATURES/ BENEFITS

- Designed to be used in conjunction with high strength systems
- Made from Polypropylene to reduce wear on backbones
- UV stabilised to provide resistance from degradation and the elements
- Soft and strong
- Easy to knot

Product Code	Description	Colour	Unit	Breakload (kg)
RROM0000	Lashing 3 ply x 500m	Black	Spool	400
RROM0006	Lashing Blacktuff 2 x 1200m	Black	Bale	285
RROM0703	Lashing 7mm x 500m	Black	Cori	601

Ropes for other applications

ROPE

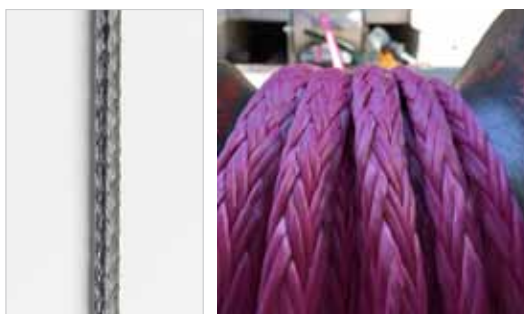
Winchline

FEATURES/ BENEFITS

- 12 strand Stealth® fibre (UHMwPE) braid with extreme strength to weight ratio
- 8 x lighter, 70% stronger and safer than wire
- High UV and chemical resistance
- Floats and does not absorb water
- Low stretch, low creep
- Virtually no recoil in the unlikely event of failure
- Will not kink, easy to splice
- Abrasion resistant coating reduces likelihood of snagging and provides superior winch drum grip
- Applications include Winch line, Strops, Towing line. High load purchase systems, Wire replacement

Product Code	Size (mm)	Unit	Colour	Unspliced Strength (metric tonne)
BRS10WAM	10	Metre	Dark Grey	10.8
BRS12WAM	12	Metre	Dark Grey	17.0
BRS14WAM	14	Metre	Dark Grey	19.9
BRS16WAM	16	Metre	Dark Grey	26.1

NOTE: Tested in accordance with ISO2307 A spliced break is less 10% of the above published break



Superspeed

FEATURES/ BENEFITS

- Stealth® fibre (UHMwPE) core
- Hard wearing Polyester cover
- Treated with Donaghys Bindacoat on core to prevent core/cover slippage
- Light weight with ultra low stretch
- Round firm construction prevents block and jammer slippage
- Applications include Winch line, Strops. Towing fine and in High load purchase systems.

Size (mm)	Reel Length	Colour	Breakload (kg)
8mm	100m	Blue, Red or Fluro Yellow with Black Fleck	3100
10mm	100m	Blue, Red or Fluro Yellow with Black Fleck	5300
12mm	100m	Blue Red. Fluro Yellow or Green with Black Fleck	7000
14mm	193m	Blue, Red, Fluro Yellow or Green with Black Fleck	8300
16mm	100m	Blue, Red. Fluro Yellow or Green with Black Fleck	9400

Note: 12mm - 16mm sizes are made to order, minimum order quantity and lead time applies.



Yachtmaster XS

FEATURES/ BENEFITS

- Double braid construction in HT Polyester
- High jacket to core ratio assisting long life
- Excellent breakload, UV and abrasion resistance
- Resistant to kinking, hocking and twisting
- Highly resistant to most chemicals
- Easy to splice

Size (mm)	Weight	Reel Length	Breakforce (kg)
8	5.3	100mm	1700
10	9.0	100mm	2350
12	11.2	100mm	3250
14	16.2	100mm	4200
16	17.6	100mm	5600





about us

“WITH DONAGHYS YOU GET SERVICE, QUALITY AND INNOVATIVE ROPE SOLUTIONS BACKED BY OVER 140 YEARS’ EXPERIENCE”

Our **people** deliver daily on this promise through commitment to our customers’ expectations, understanding requirements and facilitating the best results through experience and professionalism.

Our **plants** deliver this promise through continuous development programs, technology investment and internationally recognised ISO9001 accredited systems and certification on quality.

Donaghys innovation is the outcome of combining **people**, state of the art **manufacturing** and **passion** to provide the highest standard and commitment. Rope is our business, we know it, we live it and we evolve it into ever new and exciting applications.

Donaghys ropes are built to last, are performance based and we have extensive ranges to deliver the best and most appropriate and economic solution to your rope requirements. We look forward to the opportunity to assist you with your next project or ongoing rope requirements.

We’ve been a proud Rope business since 1876 when founded by John Donaghy in Dunedin, New Zealand. Today we look to the future, in partnership with our customers to deliver mutual growth and success.



AUSTRALIA

Head Office - Sydney
PO Box 4205, Bradbury,
NSW 2560
Australia

FREEPHONE **1800 644 404**

E-MAIL sales@donaghys.com

NEW ZEALAND

Head Office - Christchurch
16 Sheffield Crescent, Harewood
PO Box 20-449, Christchurch
New Zealand

PHONE **+64 3 983 4169**

FREEPHONE **0800 942 006**

E-MAIL hoa@donaghys.co.nz

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