

Mussel Rope Range

Crop Ropes



- Open Water Crop Rope**
- Designed specifically for open water farming
 - 18 mths in development and field trials
 - Special Aqua trim reduces Bio fouling
 - "Fibtrim" allows multiple attachment points
 - Highest loop Density available
 - Fully Balanced construction

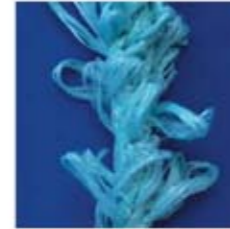


- Aqualoop Crop HM Rope**
- Cost effective brother to Open water
 - Ideal for high tidal areas
 - Special Aqua Trim reduces Bio fouling
 - "Fibtrim" allows multiple attachment points
 - Fully Balanced construction

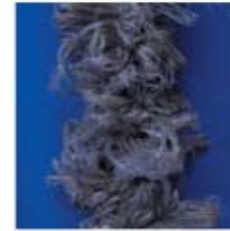


- Super Xmas Tree Rope**
- Ideal for sheltered waters
 - Straight trim reduces crop damage during harvest
 - Economical construction
 - High quality UV stabilised yarn
 - Fully Balanced construction

Specialist Ropes



- Lite Loop Rope**
- Specifically designed for high current/tidal areas
 - Light weight core
 - Dense loop trim configuration
 - Produces significantly less drag than standard ropes
 - Reduces fouling on ropes
 - Reduces slumping caused by over settlement
 - Unique "Fibtrim" technology



- Russet Loop Rope**
- Twin Brown high density trims
 - Unique twin trim support process giving short dense loops combined with longer outer loops
 - Exaggerated core diameter to increase bulk
 - Highest surface area available
 - Unique "Fibtrim" technology

Spat Rope



- Weighted Xmas Tree Spat Rope**
- Superior Spat catching
 - Proven Spat retention
 - Unique Trim construction
 - Straight trim reduced damage to spat during stripping
 - Each individual strand weighted
 - Fully Balanced construction

Xmas Tree Mussel Rope is subject to Patent number NZ 331927

Hatchery Rope



- Hatchery Rope**
- Braided 8 strand polypropylene with abraded surface attachment points and weighted core
 - Excellent spat collection and retention
 - Easily transportable from hatchery
 - Easily stripped with minimal spat damage
 - Internally weighted core
 - Proven in world leading hatcheries

Backbone Rope



- AquaTuff Rope**
- Proven in Mussel Farming for over 10 years
 - Designed in conjunction with Mussel Farmers
 - Stronger than standard PP ropes by up to 20%
 - High abrasion resistance
 - New construction to improve abrasion and lastability

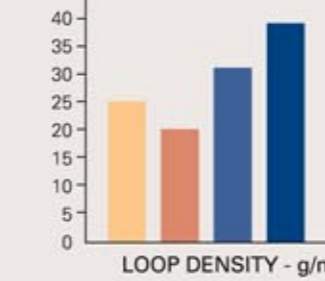
Lashings & Snoods



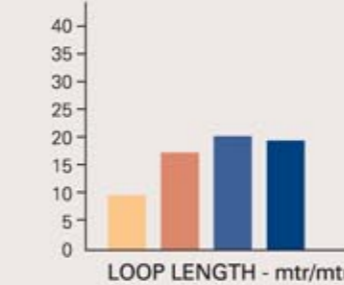
- Made of PP to reduce wear on Backbones
- Full range of sizes available
- UV Stable
- Soft yet strong
- Available in either spools or pre-tied

Grow Ropes

Surface Loop Comparison



Legend:
 Sample QPL Org (Orange)
 Sample KXH Brn (Red)
 Donaghys Aqualoop HM (Blue)
 Donaghys Open Water (Dark Blue)



Code	Weight (App)	Tensile Kg (App)	Colour	Size mm	Unit	Length m
3 Strand Openwater Crop Rope						
ROM1410	46	1850	Aqua Trim	14	Coil	320
ROM1411	232	1850	Aqua Trim	14	Bag	1600
3 Strand Aqualoop Crop HM Rope						
ROM1407	48	1850	Aqua Trim	14	Coil	400
ROM1413	242	1850	Aqua Trim	14	Bag	2000
3 Strand Super Xmas Tree Culture Rope						
ROM1403	46	1850	Black	14	Coil	500
ROM1404	186	1850	Black	14	Bag	2000
Lite Loop						
ROM1000	46	1600	Aqua	10	Coil	500
Russet Loop						
ROM1800	54	2000	Brown	18	Coil	320
3 Strand AquaTuff Mussel Backbone Rope						
ROM2402	57	9500	Black	24	Coil	220
ROM2801	78	12500	Black	28	Coil	220
ROM3200	101	16000	Black	32	Coil	220
ROM4000	158	24000	Black	40	Coil	220
Hatchery Rope						
ROM1201	35	2700	Black	12	Coil	200
Weighted Xmas Tree Spat Rope						
ROM1401	43	1500	Black	14	Coil	220
ROM1402	389	1500	Black	14	Bag	1980
Mussel Lashings						
ROM0000	6	400	Black	5	Spool	500
ROM0700	7.6	500	Black	7	Coil	500
ROM0006	17.6	285	Black	1 Ply	2*Coils	2*1200
Mussel Snoods						
ROM0002	7	400	Black	6	4*100/Bale	0.7
ROM0004	7	500	Yellow/Blue	7	3*100/Bale	0.7

DONAGHYS
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when everything is on the line

More mussels per metre

The Donaghys rope when broken down into \$ per year per meter is far more cost effective than any other system. This coupled with the yield output (cost per kg) annualised over 8 - 10 years and you're on a winner.

This means the **Donaghys** rope works out over the life to be **25% cheaper** than the Galicia rope.

As well as from initial cost savings on the ropes the continuous farming system which Donaghys ropes are designed around will give additional cost savings on seeding, catching and harvesting.

Donaghys rope coupled with the continuous long line system will cut farming costs significantly over any other system used today

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Galicia Rope

- Have medium yield but only last 3 - 4 years
- They need stakes placed in the ropes to prevent the mussels from slumping or falling off
- Tend to be used as single droppers only
- Are cheap initially
- Limited in availability and will become hard to get as less second hand net is available compared to demand

Donaghys Rope

- Have high yield and last for 8 - 10 years
- Are designed specifically to be used in the mechanized continuous farming system producing substantially more yield per line than the Galicia system
- Are proven with many years development within the industry
- Can be manufactured to meet the growing market size
- Technically superior

Cost Analysis

Based on actual costs Sept 2006

Product Formula	Cost per mtr (X)	Yield per mtr(kg) (Y)	Cycles (Z)	Cost/mtr/kg/year (W)
Galicia	80 pesos	4	3	6.6 pesos
Donaghys	320 pesos	8	8	5 pesos
Your Calculation:				
Galicia	4	3
Donaghys	8	8

In addition, substantial cost savings can be made utilizing the continuous farming system which Donaghys ropes are designed around.

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