

Yacht **Ropes**

PRODUCT CATALOGUE



EST. 1936

GROUP OF COMPANIES



Manufacturing Ropes since 1936

At **KATRADIS** Marine Ropes, we take immense pride in our long-standing tradition of excellence and innovation in the marine industry. As a trusted name worldwide, we are committed to delivering the highest quality products, designed to meet the rigorous demands of the yachting community. This catalogue introduces our latest range of yacht ropes, meticulously crafted to offer superior performance, durability, and safety on the water. Founded over 80 years ago, **KATRADIS Marine Ropes** has grown into a global leader in the manufacture and supply of premium marine ropes. Our extensive experience and deep understanding of the marine environment have enabled us to develop products that set industry standards. Whether you're mooring, anchoring, or sailing, our ropes are engineered to deliver reliable performance in all conditions.

State-of-the-Art Manufacturing

Our ropes are produced in our cutting-edge manufacturing facility, equipped with the latest technology and operated by highly skilled professionals. Every step of the production process is carefully monitored to ensure that our products meet the stringent quality standards we have set. From selecting the finest raw materials to the final inspection, we guarantee that each rope embodies the strength, flexibility, and resilience that KATRADIS is known for.

Commitment to Quality

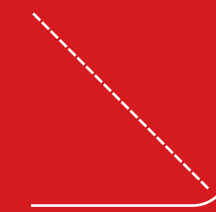
Quality is the cornerstone of everything we do at KATRADIS. Our ropes undergo rigorous testing and are certified to meet international standards. We employ advanced testing methods to evaluate the tensile strength, abrasion resistance, UV stability, and overall durability of our ropes. This relentless focus on quality ensures that our products not only meet but exceed the expectations of yacht owners and professionals around the world.

Innovation and Sustainability

At KATRADIS, we are not only focused on today's needs but are also committed to the future. We continuously invest in research and development to innovate and improve our products, ensuring they are not only the best in performance but also environmentally responsible. Our dedication to sustainability is reflected in our use of eco-friendly materials and processes, reducing our environmental footprint while maintaining the high standards our customers expect.

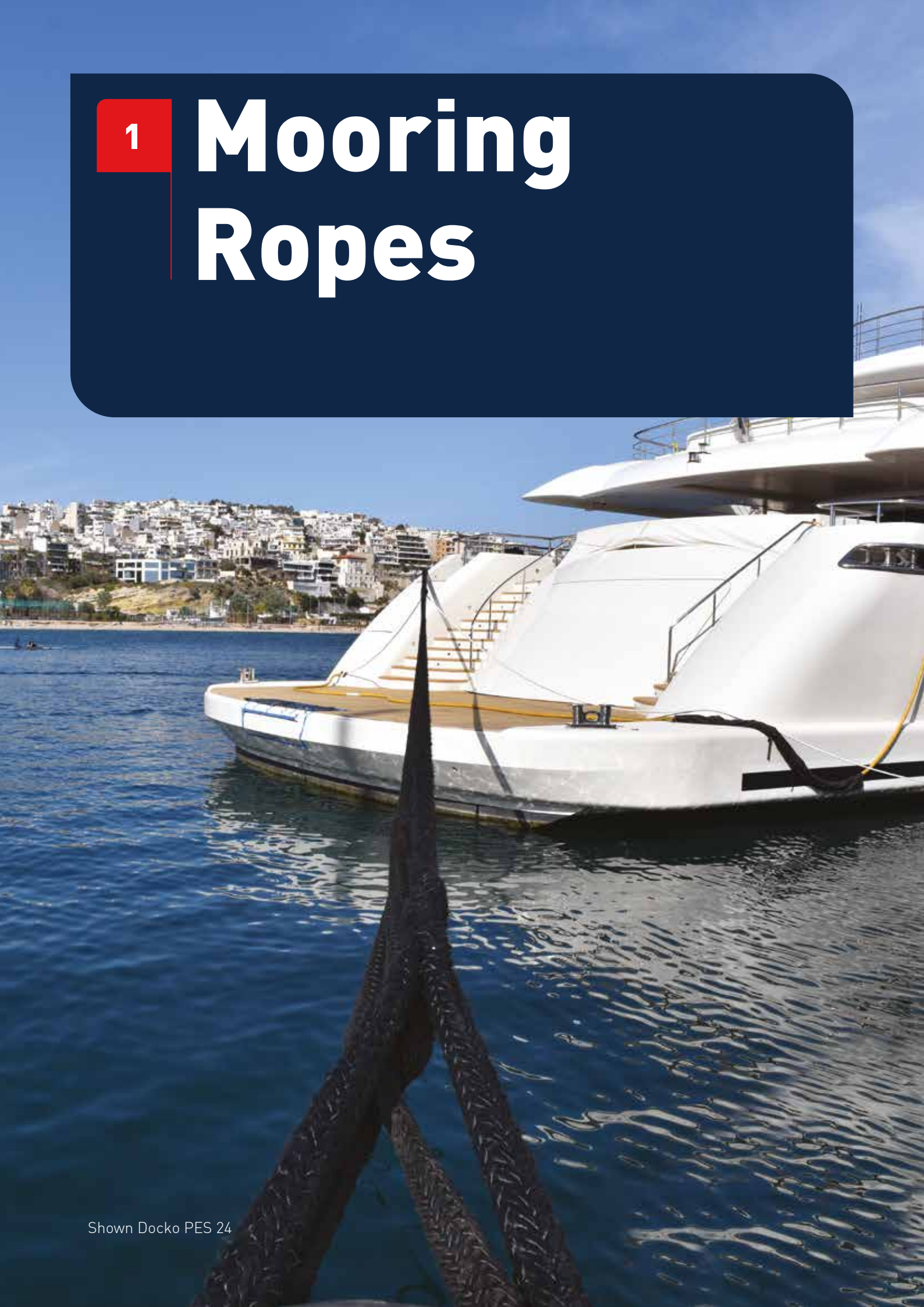
Global Presence, Personalized Service

With a global network of distributors and a presence in major ports around the world, KATRADIS Marine Ropes is always within reach. Despite our global footprint, we remain committed to providing personalized service. Our expert team is always ready to assist you in selecting the right ropes for your yacht, ensuring that you have the best tools at your disposal for every voyage.



Contents

- 1** Mooring Ropes..... p.8
- 2** Sailing Ropes..... p.18
- 3** Rope Protectors..... p.24
- 4** Accessories..... p.26
- 5** Production Facility.....p.30



1

Mooring Ropes

Docko Multi 12

1001



Floating Rope, soft and easy to use with high elongation ideal for rock anchoring applications.

Material: Multifilament Polypropylene

Construction: 12 Strands

Applications: Anchoring - Ashore Line, Tow Line Floating

*Yellow color is suggested for high visibility



Pr. Code	Ø (mm)	Reel Length (m)	Reel Weight (kg)	MBL (kg)
XYRP100108	8	200	6	1150
XYRP100110	10	200	10	1650
XYRP100112	12	200	14	2350
XYRP100114	14	200	16,5	3350
XYRP100116	16	100	12	4500
XYRP100118	18	100	16,5	5500
XYRP100120	20	100	21	6800
XYRP100122	22	100	24	7900
XYRP100124	24	100	27	9300
XYRP100126	26	100	31	11000
XYRP100128	28	100	38	13100
XYRP100130	30	100	40	14000
XYRP100132	32	100	45	14750
XYRP100134	34	100	50	17830
XYRP100136	36	100	64	21100
XYRP100138	38	100	70	23200
XYRP100140	40	100	76	25500

Docko Multi DB

1002



Floating rope Soft and easy to use with high abrasion resistance due to its Double braided Construction. Can be used for anchoring and Docking, available in high visibility colors for safety reasons when it floats.

Material: Multifilament Polypropylene

Construction: 24/32 Strands Cover – 12/24 Strands Core

Applications: Anchoring - Ashore Line, Tow Line, Docking Floating

*Yellow color is suggested for high visibility



Pr. Code	Ø (mm)	Reel Length (m)	Reel Weight (kg)	MBL (kg)
XYRP100208	8	200	6	1150
XYRP100210	10	200	10	1650
XYRP100212	12	200	14	2350
XYRP100214	14	200	16,5	3350
XYRP100216	16	100	12	4500
XYRP100218	18	100	16,5	5500
XYRP100220	20	100	21	6800
XYRP100222	22	100	24	7900
XYRP100224	24	100	27	9300
XYRP100226	26	100	31	11000
XYRP100228	28	100	38	13100
XYRP100230	30	100	40	14000
XYRP100232	32	100	45	14750
XYRP100234	34	100	50	17830
XYRP100236	36	100	64	21100
XYRP100238	38	100	70	23200
XYRP100240	40	100	76	25500

Docko PES 12 1004



High Quality Polyester rope ideal for docking applications. Provides good abrasion resistance and it is easy to splice.

Material: High Tenacity Polyester
Construction: 12 Strand
Applications: Mooring, Docking

Pr. Code	Ø (mm)	Reel Length (m)	Reel Weight (kg)	MBL (kg)
XYRP100408	8	200	10	1.800
XYRP100410	10	200	16	2.600
XYRP100412	12	200	23	3.400
XYRP100414	14	200	34	4.800
XYRP100416	16	100	20,25	5.900
XYRP100418	18	100	28	7.900
XYRP100420	20	100	32	9.650
XYRP100422	22	100	40	11.500
XYRP100424	24	100	47	13.700
XYRP100426	26	100	52	16.000
XYRP100428	28	100	57	18.800
XYRP100430	30	100	71,5	20.450
XYRP100432	32	100	77	23.900
XYRP100434	34	100	85	26.550
XYRP100436	36	100	97,5	29.750
XYRP100438	38	100	109	32.400
XYRP100440	40	100	116	35.200

Docko PES DB 1005



High Quality double braided Polyester rope ideal for premium and ultra-durable docking / mooring. Provides very good abrasion resistance UV Resistance and durability.

Material: High Tenacity Polyester
Construction: 24/32 Strands Cover - 12/24 Strands Core
Applications: Mooring, Docking

Pr. Code	Ø (mm)	Reel Length (m)	Reel Weight (kg)	MBL (kg)
XYRP100508	8	200	11,5	1.850
XYRP100510	10	200	16	2.650
XYRP100512	12	200	25,5	3.450
XYRP100514	14	200	33	4.900
XYRP100516	16	100	23	5.950
XYRP100518	18	100	28	7.950
XYRP100520	20	100	33	9.700
XYRP100522	22	100	41	11.600
XYRP100524	24	100	44	14.000
XYRP100526	26	100	49	16.200
XYRP100528	28	100	57	19.100
XYRP100530	30	100	66	20.900
XYRP100532	32	100	77	24.200
XYRP100534	34	100	85	27.100
XYRP100536	36	100	97,5	30.000
XYRP100538	38	100	109	33.500
XYRP100540	40	100	116	37.500

Docko PES 24 1014



High Quality Polyester rope ideal for docking applications. Provides very good abrasion resistance and durability

Material: High Tenacity Polyester
Construction: 24 Strand
Applications: Mooring, Docking

Pr. Code	Ø (mm)	Reel Length (m)	Reel Weight (kg)	MBL (kg)
XYRP101408	8	200	10	1.800
XYRP101410	10	200	16	2.600
XYRP101412	12	200	23	3.400
XYRP101414	14	200	34	4.800
XYRP101416	16	100	20,25	5.900
XYRP101418	18	100	28	7.900
XYRP101420	20	100	32	9.650
XYRP101422	22	100	40	11.500
XYRP101424	24	100	47	13.700
XYRP101426	26	100	52	16.000
XYRP101428	28	100	57	18.800
XYRP101430	30	100	71,5	20.450
XYRP101432	32	100	77	23.900
XYRP101434	34	100	85	26.550
XYRP101436	36	100	97,5	29.750
XYRP101438	38	100	109	32.400
XYRP101440	40	100	116	35.200

Docko Twist PES 1003



Classic 3 Strand rope made 100% from high quality polyester. It is very easy to splice and use. Suitable for various application on a boat such as anchoring, mooring and docking line. It is available in 3 colors.

Material: High Tenacity Polyester
Construction: 3 Strand
Applications: Anchoring, Anchor Line, Mooring, Docking

Pr. Code	Ø (mm)	Reel Length (m)	Reel Weight (kg)	MBL (kg)
XYRP100306	6	200	6,4	800
XYRP100308	8	200	10,5	1250
XYRP100310	10	200	17	1950
XYRP100312	12	200	26	2800
XYRP100314	14	200	34	3700
XYRP100316	16	100	22	4900
XYRP100318	18	100	27,5	5800
XYRP100320	20	100	32,5	7100
XYRP100322	22	100	40,5	8400
XYRP100324	24	100	43,5	10300
XYRP100326	26	100	48	12100
XYRP100328	28	100	56	13200
XYRP100330	30	100	65	15200
XYRP100332	32	100	77	17300
XYRP100334	34	100	85	19400
XYRP100336	36	100	97	22300
XYRP100338	38	100	100	24700
XYRP100340	40	100	115	28500

Docko Twist NYL 1017



3Strand rope made from Polyamide (nylon). It is very easy to be spliced and use. It provides high elasticity
Widely used where good extension properties are required.

Material: High Tenacity Polyamide (Nylon)
Construction: 3 Strand
Applications: Anchoring, Anchor Line, Mooring, Docking

Pr. Code	Ø (mm)	Reel Length (m)	Reel Weight (kg)	MBL (kg)
XYRP101706	6	200	2,8	800
XYRP101708	8	200	4,5	1.350
XYRP101710	10	200	6,5	2.080
XYRP101712	12	200	9,5	3.000
XYRP101714	14	200	12,5	4.100
XYRP101716	16	100	16,5	5.300
XYRP101718	18	100	21	6.700
XYRP101720	20	100	26	8.300
XYRP101722	22	100	31,5	10.000
XYRP101724	24	100	35	12.000
XYRP101726	26	100	42	14.000
XYRP101728	28	100	48	15.800
XYRP101730	30	100	56	17.800
XYRP101732	32	100	62	20.000
XYRP101734	34	100	71	22.400
XYRP101736	36	100	79,5	24.800
XYRP101740	40	100	98	30.000

Improved 24 102



Mixed-material rope that combines the durability of polyester with the floating properties of mixed Polyolefin fibers. Its mechanically balanced structure safeguards the strand layers from abrasion while ensuring high breaking strengths. Perfect for "Mega yachts", this rope floats with ease and is lightweight, providing exceptional performance and reliability in demanding marine environments.

Material: High Tenacity Polyester, Polyolefin
Construction: 24 Strand
Applications: Mooring, Docking, Towing

Pr. Code	Ø (mm)	Reel Length (m)*	Reel Weight (kg)	MBL (kg)
102PR24024N	24	220	63,8	800
102PR24028N	28	220	90,2	1.350
102PR24032N	32	220	129,8	3.000
102PR24036N	36	220	146,3	5.300
102PR24040N	40	220	173,8	6.700
102PR24044N	44	220	211,2	8.300
102PR24048N	48	220	253,0	10.000
102PR24052N	52	220	299,2	12.000
102PR24056N	56	220	343,2	14.000



Docko HP 1019



High-performance mooring rope featuring HMPE core, which offers exceptional working loads, allowing you to replace thicker mooring lines with a much thinner, more manageable alternative. The Docko HP is not only easier to handle due to its reduced diameter but also provides a soft touch, thanks to its polyester cover, making it ideal for hand use. This rope combines strength, durability, and comfort, making it an excellent choice for modern mooring needs

Material: High modulus polyethylene fiber (HMPE) with polyester cover
Elasticity: Ultra Low
Construction: 24/32 Strands Cover – 12/24 Strands Core
Applications: Mooring, Docking, Towing
Floating



Pr. Code	Ø (mm)	Reel Length (m)*	Reel Weight (kg)	MBL (kg)
XYRP101910	10	200	13,8	7.500
XYRP101912	12	200	19,6	10.500
XYRP100914	14	200	27	13.100
XYRP101916	16	100	17,4	17.100
XYRP101918	18	100	21,5	22.500
XYRP101920	20	100	25,5	26.250
XYRP101922	22	100	31	29.450
XYRP101924	24	100	37,8	41.900
XYRP101926	26	100	45,2	50.200
XYRP101928	28	100	51	59.600
XYRP101930	30	100	57,8	63.350
XYRP101932	32	100	66,8	71.700

* It is highly recommended to be used with mooring tails, to absorb the shock loads and protect your cleats from potential damage.



Shown Docko PES DB

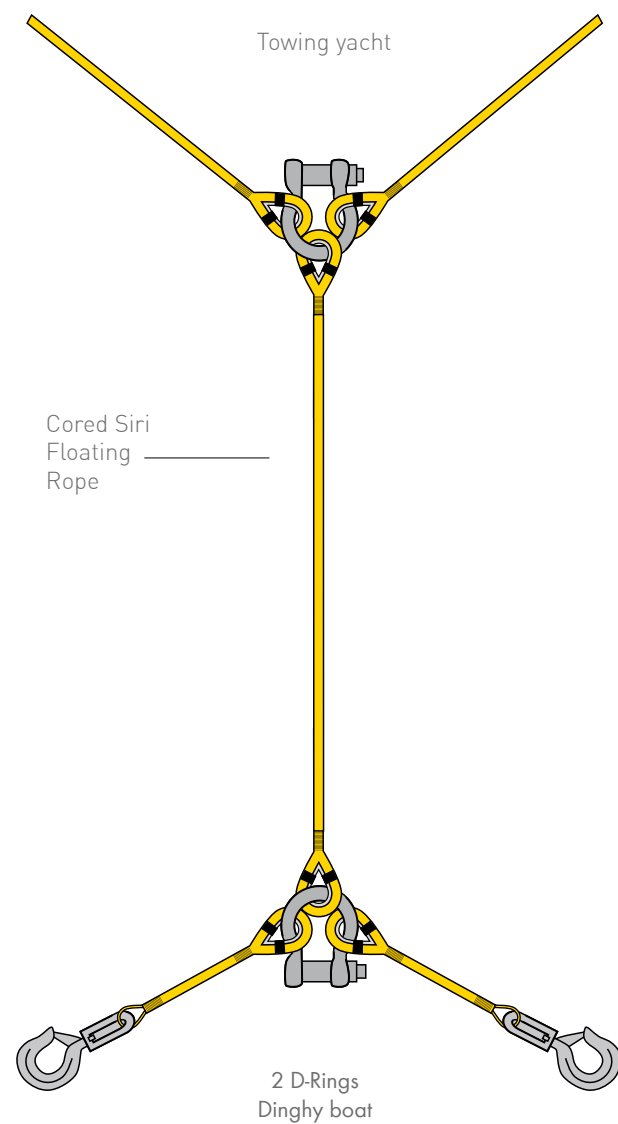
Towing Bridle

Custom Construction Request 1029

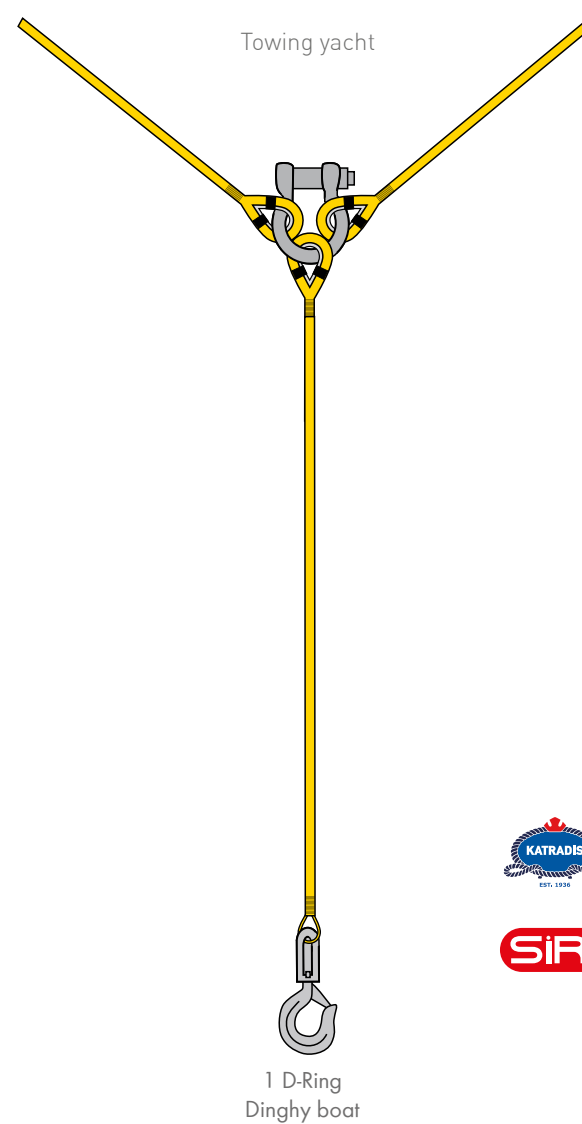
Tow Bridle is a custom-made rope construction from HMPE material connected with thimbles and shackles for safe towing dinghy boats. Length and Rope diameter can be adjusted to Yacht's needs.



"Y-Y" Shape



"Y" Shape



Flat Fender Line 1015



Flat braided polyester Rope, ideal for fast and easy attachment of the fenders on the Rails

Material: High Tenacity Polyester, UV Resistant

Construction: Flat Braid 24/32 Strands

Applications: For Fenders

Pr. Code	Ø (mm)	Reel Length (m)	Reel Weight (kg)	MBL (kg)
XYRP101510	8	200	11	2.000
XYRP101512	10	200	17	3.000
XYRP101514	12	200	21	3.800



Safety Floating Line 1016



Orange rope for Lifejackets, Lifebuoy Rings, Horseshoes and any MOB Situations

Pr. Code	Ø (mm)	Reel Length (m)	Reel Weight (kg)
XYRP101606	6	200	3,3
XYRP101608	8	200	6,2
XYRP101610	10	200	9



Mooring Line Recommendation Chart

KATRADIS Mooring Line Recommendation Chart											
Boat Size (ft)	20-27	33	40	46	52-60	65-79	78-85	90-105	100-120	120-150	150-200
Boat Size (m)	6-8	10	12	14	16-18	20-22	24-26	28-32	30-36	36-45	45-60
Displacement (t)	<1	2	5	12	20	25	30	40	75-100	100-150	150-300
Rope Type	Ø										
Docko Twist 1003	12mm	14mm	16mm	18mm	20mm	22mm	24mm	26mm	32mm	40mm	44-46mm
Docko Multi 12 1001	12mm	14mm	16mm	18mm	20mm	22mm	24mm	26mm	30mm	40mm	44-46mm
Docko Multi DB 1002	10mm	12mm	14mm	16mm	18mm	20mm	22mm	24mm	28mm	38mm	40mm
Docko PES 12 1003	12mm	14mm	16mm	18mm	20mm	22mm	24mm	26mm	30mm	38mm	44mm
Docko PES 24 1014	10mm	12mm	14mm	16mm	18mm	20mm	22mm	24mm	30mm	38mm	40mm
Docko PES DB 1004	10mm	12mm	14mm	16mm	18mm	20mm	22mm	24mm	28mm	38mm	40mm
Improved 24	10mm	12mm	14mm	16mm	18mm	20mm	22mm	24mm	30mm	38mm	40mm
Docko HP 1010	-	-	-	8mm	10mm	12mm	14mm	16mm	18mm	20mm	22mm

Notes:
Boat Weight (Displacement in Tons): The weight column is based on typical displacements for boats of the specified lengths. Heavier displacement boats may require thicker ropes.
Safety Margin: Always consider adding a safety margin to ensure the rope can handle unexpected loads, especially in harsh conditions.
Application Variations: The rope diameters suggested here are for general use (e.g., mooring, docking).
Adjustments might be needed for specialized uses or heavier boats.
Material Impact: Rope material will affect strength and stretch, so consider the specific material characteristics when choosing the right diameter.



Rope Termination Options



Heat Shrank



Whipped



Thimble Eye / (S.S/Galvanized)



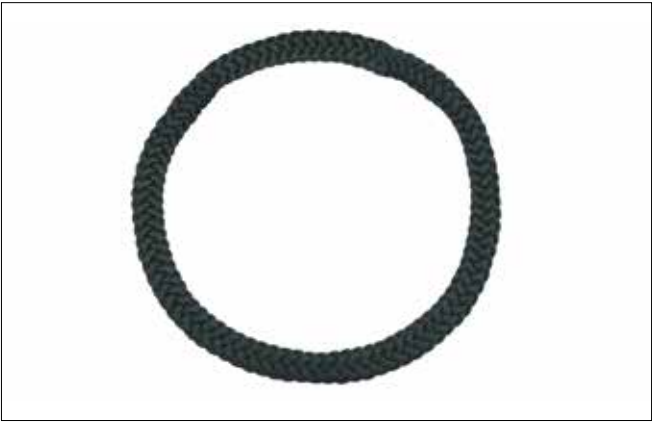
Soft Eye



Soft eye with Polyester cover (White or black)



Soft eye with Leather Cover (Black/Brown)



Endless Loop



Mooring Tails

2 Sailing Ropes

Endurance 1007



High Quality double braided Polyester rope ideal for sailing. Provides very good Grip, abrasion resistance UV Resistance and durability for Cruising Sailing Yachts.

Material: High Tenacity Polyester

Elasticity: Medium

Construction: 24/32 Strands Cover – 12/24 Strands Core

Applications: Reefing Line, Main Sheet, Genoa Sheet, Spi Sheet, Spi-guy, Spin Pole, Genoa car traveler

Pr. Code	Ø (mm)	Reel Length (m)	Reel Weight (kg)	MBL (kg)
XYRP100706	6	200	5,8	1.100
XYRP100708	8	200	10,2	1.700
XYRP100710	10	200	15	2.550
XYRP100712	12	200	24,6	3.350
XYRP100714	14	200	32,4	4.700
XYRP100716	16	100	20,8	5.800
XYRP100718	18	100	26,5	7.800
XYRP100720	20	100	32,5	9.850
XYRP100722	22	100	37,2	11.000

Diamond 1008



High Quality double braided Polyester rope ideal for sailing. Provides very good grip, abrasion resistance UV Resistance and durability for Cruising Sailing Yachts.

Material: High Tenacity Polyester

Elasticity: Medium

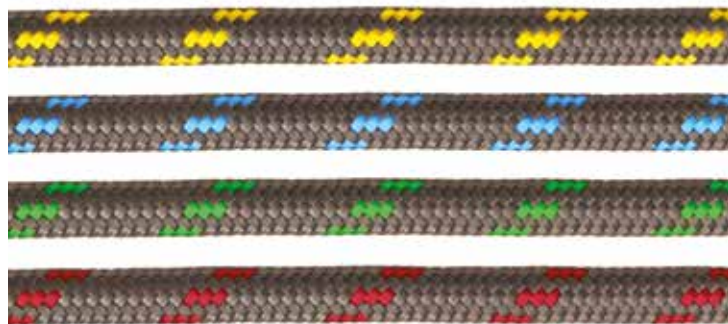
Construction: 24/32 Strands Cover – 12/24 Strands Core

Applications: Main Halyard, Geno Halyard, Reefing Line, Main Sheet, Genoa Sheet, Spi Sheet, Spi-guy, Spin Pole, Genoa car traveler

Pr. Code	Ø (mm)	Reel Length (m)	Reel Weight (kg)	MBL (kg)
XYRP100806	6	200	5,8	1.100
XYRP100808	8	200	10,2	1.700
XYRP100810	10	200	15	2.550
FXYRP100812	12	200	24,6	3.350
XYRP100814	14	200	32,4	4.700
XYRP100816	16	100	20,8	5.800
XYRP100818	18	100	26,5	7.800
XYRP100820	20	100	32,5	9.850
XYRP100822	22	100	37,2	11.000

Shown Diamond

Dyna Siri® 1010



High performance Rope with very high breaking load and minimum elasticity, providing ideal solution for sailing boats that want precision and consistency on their trimming lines

Material: High modulus polyethylene fiber (HMPE) with polyester cover

Elasticity: Ultra Low

Construction: 24/32 Strands Cover – 12/24 Strands Core

Applications: Main Halyard, Genoa Halyard, Main Sheet (Racing), Genoa Sheet (Racing), Main Outhaul (Racing), Spinnaker Halyard, Spinnaker Sheet (Racing), Boomvang (Racing), Cunningham (Racing), Backstay, Spi Topping Lift

Pr. Code	Ø (mm)	Reel Length (m)	Reel Weight (kg)	MBL (kg)
XYRP101006	6	200	5,1	2.520
XYRP101008	8	200	8,0	3.810
XYRP101010	10	200	15	5.050
XYRP101012	12	200	20	7.220
XYRP101014	14	200	26	9.540
XYRP101016	16	100	17,5	12.630
XYRP101018	18	100	21	15.315
XYRP101020	20	100	26	18.505
XYRP101022	22	100	31	20.100
XYRP101024	24	100	36	23.080
XYRP101026	26	100	45,2	38.200
XYRP101028	28	100	51	46.600



Cored Siri 1009



High Modulus Rope (HMPE) providing high Breaking Load and minimum tenacity. It can replace wire ropes as it has ultra-low elasticity. It is 12 Strand without cover and can be used as a tow rope as it is floating or as a thin Docking Line.

Material: Siri High Modulus Polyethylene

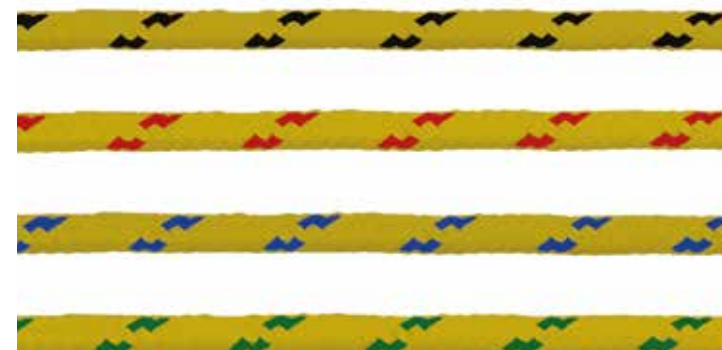
Construction: 12 Strands

Applications: Mooring, Docking, Tow Line, Rails Floating

Pr. Code	Ø (mm)	Reel Length (m)	Reel Weight (kg)	MBL (kg)
XYRP100906	6	200	2,6	5.500
XYRP100908	8	200	4,5	8.200
XYRP100910	10	200	6,8	10.500
XYRP100912	12	200	9,6	14.850
XYRP100914	14	200	13	17.950
XYRP100916	16	100	18,5	21.200
XYRP100918	18	100	24	26.000
XYRP100920	20	100	27	34.200
XYRP100922	22	100	32	45.400
XYRP100924	24	100	37	52.500
XYRP100926	26	100	43,5	59.600
XYRP100928	28	100	51	67.150
XYRP100930	30	100	60	74.250



Halya Pro 1011



Elevate your sailing performance with the Halya Pro, designed exclusively for the most demanding sailing races. This double-braided rope features a core made from Vectran fiber the next big thing in High Performance Sailing Ropes, renowned for its zero-creep properties, ensuring that it maintains its length and strength under constant tension. Polyester cover withstands UV rays and abrasion, making it perfect for repeated use in all weather conditions.



Material: Vectran® fiber with Polyester Cover

Construction: 24/32 Strands Cover – 12/24 Strands Core

Application: Main Halyard, Genoa Halyard, Main Sheet (Racing), Genoa Sheet (Racing), Main Outhaul (Racing), Spinnaker Halyard, Spinnaker Sheet (Racing), Boomvang (Racing), Cunningham (Racing), Backstay, Spi Topping Lift

Pr. Code	Ø (mm)	Reel Length (m)	Reel Weight (kg)	MBL (kg)
XYRP101108	8	200	10,4	3.957
XYRP101110	10	200	15,8	5.622
XYRP101112	12	200	21,0	7.731
XYRP101114	14	200	29,4	10.803
XYRP101116	16	100	19,9	12.124
XYRP101118	18	100	25,8	15.332

KATRADIS Soft Shackles



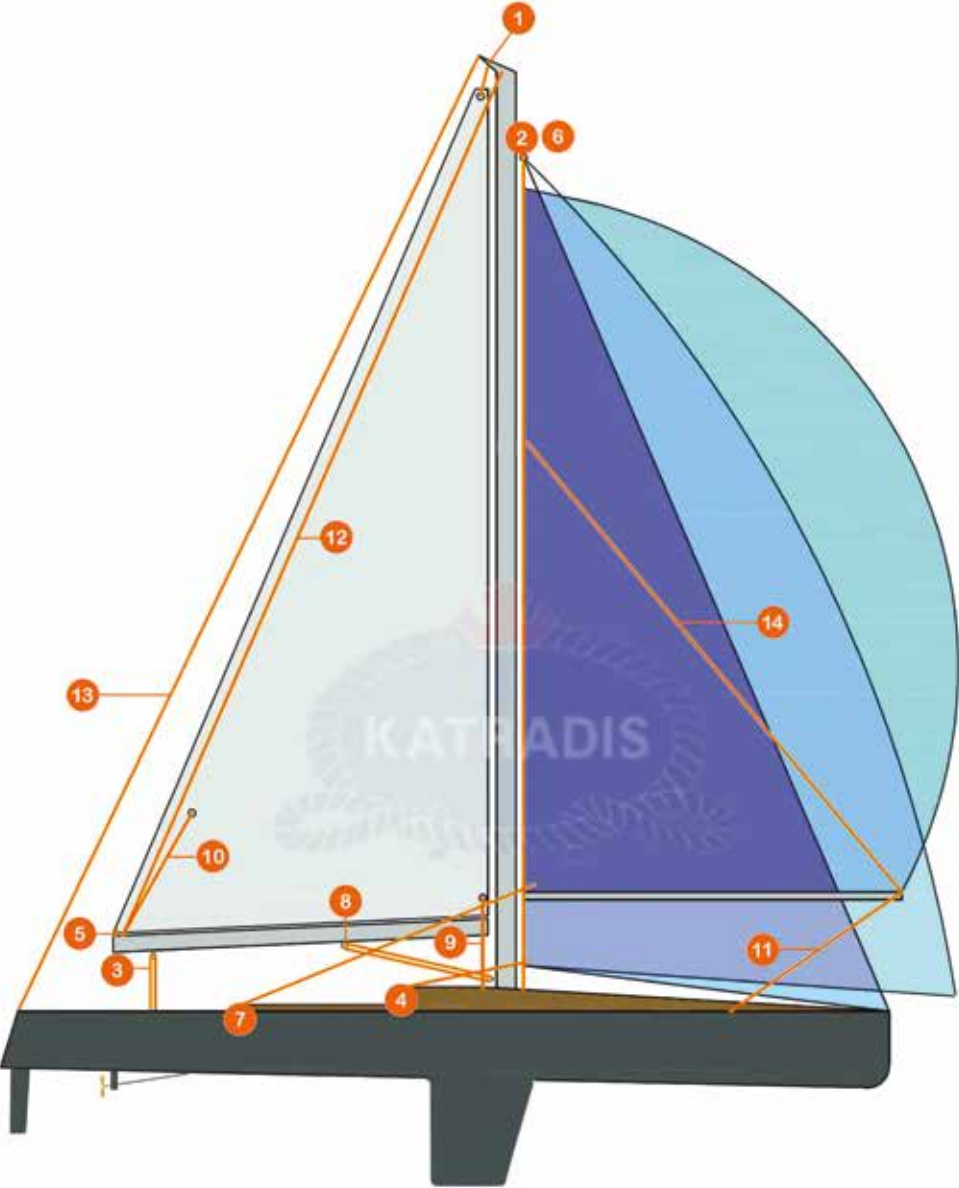
The ultimate lightweight and secure alternative to traditional metal shackles. Made from 100% HMPE, these soft shackles offer exceptional strength and durability while being incredibly easy to handle.

Perfect for a wide range of marine applications, they provide a safer and more flexible connection without the risk of corrosion or damage the deck equipment.

Diameter (mm)	Length (cm)	Use Length (cm)	M.B.L (kg)	W.L.L. (kg)
6	40	12	1.000	500
8	40	12	1.500	750
10	40	12	2.000	1.000
12	50	16	4.000	2.000
14	50	16	6.000	3.000
16	60	20	7.500	3.750

KATRADIS Sailing Ropes Guide

1 Main Halyard Diamond..... pg 18 Dyna Siri..... pg 19 Halya Pro..... pg 19	4 Genoa Sheet Endurance..... pg 18 Diamond..... pg 18 Dyna Siri..... pg 19 Halya Pro..... pg 19	7 Spinnaker Sheet Endurance..... pg 18 Diamond..... pg 18 Dyna Siri..... pg 19 Halya Pro..... pg 19	11 Foreguy Endurance..... pg 18 Diamond..... pg 18
2 Genoa Halyard Diamond..... pg 18 Dyna Siri..... pg 19 Halya Pro..... pg 19	5 Main Outhaul Endurance..... pg 18 Diamond..... pg 18 Dyna Siri..... pg 19 Halya Pro..... pg 19	8 Boomvang Endurance..... pg 18 Diamond..... pg 18	12 Boom Topping Lift Endurance..... pg 18 Diamond..... pg 18
3 Main Sheet Endurance..... pg 18 Diamond..... pg 18	6 Spinnaker Halyard Diamond..... pg 18 Dyna Siri..... pg 19 Halya Pro..... pg 19	9 Cunningham Endurance..... pg 18 Diamond..... pg 18	13 Backstay Endurance..... pg 18 Diamond..... pg 18
	10 Reefing Line Endurance..... pg 18 Diamond..... pg 18	14 Spi Topping Lift Endurance..... pg 18 Diamond..... pg 18	



3

Rope Protectors

Nika-Protector



The NIKA-PROTECTOR is specifically designed to provide maximum protection for lines against external abrasion. Crafted from a specialized blend of HMPE fibers, it offers outstanding resistance to abrasion and cuts. The protector can be either sewn directly onto the rope for a fixed application or left free to move along the line as needed. Additionally, it can be secured with strings at specific lengths to prevent shifting and can also be fitted into a soft shackle



Nika-Guard



NIKA-GUARD is a Flat Polyester webbing pad with Velcro scratch tape, firmly stitched on the sleeve guard used for quick & easy installation and removal. It is sold per meter.

- Adjustable for easy positioning
- Extends significantly the service life of synthetic ropes
- Abrasion resistant
- For Ropes from 14-56mm

Shown Docko
PES 12 with Nika Guard

4 Accessories

KATRADIS Monkey Fist knot



The most reliable and durable tool, perfect for weighting heaving lines in docking and mooring operations.
Weight 0,5kg.

Rope Mat 65 x 45cm



Handmade rope doormats. Manufactured up on request with any KATRADIS rope you choose.

KATRADIS Hot Knife Cutter for Ropes

XYCE00000120



The ideal tool for cutting and sealing synthetic ropes with precision. Designed for ease of use, it delivers clean cuts while preventing fraying, ensuring durability and optimal performance for your ropes.

KATRADIS Cordless Hot Knife with Battery

XYCE00011547

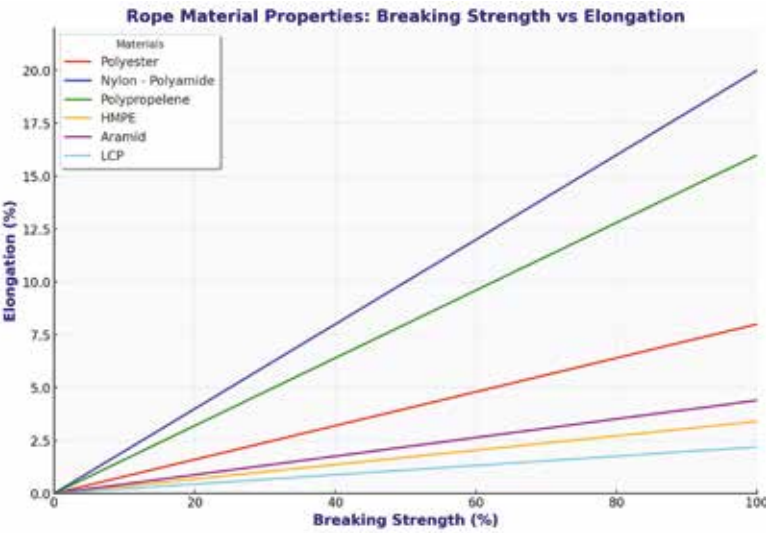


Offers ultimate mobility and precision for cutting and sealing synthetic ropes. Battery and charger are included in the box.

Rope Fiber Properties

Material	Brand	Breaking Load	UV Resistance	Abrasion Resistance	Elongation	Density	Melting Point
Polyester	-	★★★★	★★★★★	★★★★★	8.00%	1.38	260°C
Nylon - Polyamide	-	★★★★	★★★★	★★★★	20.00%	1.14	230°C
Polypropylene	-	★★★	★★	★★	16.00%	0.91 (Floating)	170°C
HMPE	Spectra, Dyneema	★★★★★	★★★★★	★★★★	3.40%	0.97 (Floating)	150°C
Aramid	Technora	★★★★★	★★★★	★★★★★	4.40%	1.4	482°C
LCP	Vectran	★★★★★	★★	★★★★★	2.20%	1.4	330°C

Material Elongation vs Strength



Elongation is a fundamental characteristic of a rope, crucial for its ability to perform reliably under diverse loads and conditions.

Rope Packaging



From 6mm up to 16mm Plastic Reel



From 18mm and thicker Coil



5

Production Facility



- Our Factory located 30km from Athens, Greece exceeds 70.000m2



- Manufacturing Capability from 6mm up to 100mm



- Annual production more than 5,000 tons of synthetic fibers ropes

Quality & Certification



- Certifications Available LR, RINA & any other



- 3 Factors testing in every yarn batch



- In house Rope Testing

Fiber **SiRi**



- Made with Linear Structural Preformation (LSP) technology - a unique process that enhances the mechanical characteristics and uniformity of the rope



- Seven times lighter than steel

8
times
stronger
than
steel

- Manufactured by KATRADIS acc. to the highest standards

Sustainability



- Waste Management Policy



- We use 80% renewable energy, sourced directly from our solar panels, to produce our high-quality ropes.



- We manufacture 100% recyclable Ropes





Serving the marine industry
since 1936...



EST. 1936

GROUP OF COMPANIES

11, Psaron str., 186 48 Piraeus, Greece, T: +30 2104060300 F: +30 2104626268 & +302104619631, E: info@katradis.com - www.katradis.com

