

A full-page photograph of a sailor on a sailboat deck. The sailor is wearing a red helmet with 'poc' written on it, sunglasses, a blue long-sleeved shirt, and black wetsuit pants. He is pulling a rope with both hands, which is attached to a sail. The deck is made of a metal grid. In the background, there is a blue sea and a clear sky. The text 'Robline' and 'ALQUEST MARINE' are in the top right corner. The text 'World Class Yachting Ropes' is in the bottom left corner. A red circular logo with a white 'R' is in the bottom right corner.

Robline

ALQUEST
MARINE

**World Class
Yachting Ropes**





Core Braiding Technology

STS Ocean 5000 Core

Fibre: SK78, heat stretched, 12-strand

This core technology is a must for all high performance applications such as backstays and halyards aboard race yachts. Developed by the experts at Robline, a special heat stretch process, which includes a defined cooldown phase after the heating process, lends this rope its defined structure. This makes it possible to achieve an enormous increase in breaking strength coupled with minimal elongation (less than 0.5 % at working load).



Ocean 7000 Core

Fibre: Dyneema® SK99 **Braiding:** 12-strand

This core lends itself ideally to applications with high breaking loads, and at the same time for all those applications that require a product that is easy to splice. Typical uses are those where it is necessary to expand the attributes of Ocean 3000 XG.



Ocean 3000 XG Core

Fibre: Dyneema® SK78 **Braiding:** 12-strand

This high-performance fibre is the basis for various applications in sailing. For strains of up to 20% of the breaking load, a stretch of roughly just 1% can be achieved. XG stands for Next Generation, which refers to Robline's enhanced coating for this fibre. It provides good UV stability and improves the fibre's resistance to abrasion.



Globe Core

Fibre: Dyneema® coated **Braiding:** 12-strand

This core helps to make the transition to the top tier a little easier. The first pure Dyneema® core already offers more than enough for most cruiser racers. Thanks to a special coating this rope can be stripped and adapted to a particular set of circumstances, just like with the Grand Prix cordage.



Sirius High Performance Core

Fibre: Dyneema® SK78 & XLF **Braiding:** 16-strand

This core developed by Robline spans the performance gap between Performance and Cruising. The advantages from the Performance sector brought by the Dyneema® portion are paired with a price-performance ratio that was otherwise only be possible by choosing polyester products.



Sirius Performance Core

Fibre: Polyester **Braiding:** 16-strand

Polyester - the classic for Cruising sailors. This material owes its popularity to its UV resistance and relatively good breaking load and stretch values, combined with affordable fibre prices. The price-performance ratio of this fibre is unbeatable.



Our Partners

Deutsche Segelbundesliga



Mackay Boats



Norddeutscher Regattaveroin



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Star Sailors League



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Robline gains momentum

A year ago, we launched the Robline brand for our yachting and watersports ropes. Robline continues the great tradition of FSE and Roblon (FSE Robline). Meanwhile, the new design has gained recognition in the sailing scene, and the logo in its new fresh colors features on many regatta boats, and in specialist stores and magazines.

With this rebranding, we have stayed absolutely true to our focus. We are in the midst of the action and right up there with the best. We receive direct feedback from pro sailors and combine it with our vast rope-making experience. Thus, it is pros who set the standards, and every watersports aficionado can look forward to getting innovative, cutting-edge cordage.

Robline
World Class Yachting Ropes



Robline in a nutshell



Rebellious

– breaking out of familiar patterns, breaking new ground with innovative, pioneering Robline cordage. The colours of the Robline brand illustrate and emphasise this spirit.



Racing

– if you want to be at the forefront of the regatta field, then don't leave anything to chance. With Robline you are sure to enjoy success in your race!



Rigging

– in the Robline Splice Center we can design your own personalised and exciting yachting equipment with our Rigging Service. The result is a perfectly assembled set of cordage.



Relationships

– we value not only the challenges that sailing presents, but also the community that has built up around water sports. With Robline we therefore support young and enthusiastic sailors and ambitious teams in every class.



Ready

– Robline's hand-spliced, Ready-Made-Mooring and -Anchor Lines ensure your safety while in action on the high seas as well as in port.



Relentless

– the best way to describe us where our customers are concerned. Everything that we do, we do so that you can concentrate on the important things - the wind, the waves, enjoyment and success - and let Robline take care of the rest!



Responsible

– anybody who, like Robline, mixes it at the top with the elite also has a responsibility towards society and the environment. With Robline cordage, you can rest assured that we will make our contribution together.

Grand Prix

The Grand Prix product line from Robline is made up of ropes tested and optimized in race conditions. These rope constructions were employed with success on TP52, M32, GC32, Club Swan 50 and other Grand Prix yachts. They come in diameters from 7.5 mm on up, have a cover made of 100% PBO, and are perfectly suited as gennaker sheets. The highest performing among those lines feature breaking loads of up to 45 tons and are used as genoa sheets for megayachts.

We use three different types of core, each surrounded by braided covers optimized for the respective diameters and types of use.

Thanks to our one-of-a-kind STS Stronger than Steel® technology, we are able to produce ropes featuring exceptionally low stretch for the required diameters. This allows Grand Prix sailors to keep the diameter and consequently the wind resistance and the top weight low. Even so, sailors still get better responsiveness and optimum implementation of the trim.

Gennaker-Sheet

This line has been optimized for ceramic-coated winch drums.

Description	Item no.	Ø in mm	Color	Cover	Core
GP Sheet PBO cover w. black tracer	7153972	7,5	brown with black tracer	PBO	SK78
GP Sheet PBO cover	7153973	7,5	brown	PBO	SK78
GP Sheet SK99 PBO	7153974	7,5	brown	PBO	SK99
GP Sheet PBO cover	7153975	8,5	brown	PBO	SK78
GP Sheet PBO cover	7153976	8,5	brown	PBO	SK99
GP Sheet PBO cover	7153977	10	brown	PBO	SK78
GP Sheet PBO cover	on request	10	brown	PBO	SK99

Cover: 24 plait 100% PBO **Core:** SK99 or SK78 coated



Running Backstay Sheet

This line has been optimized for ceramic-coated winch drums.

Description	Item no.	Ø in mm	Color	Cover	Core
GP Runner Tail STS PBO	on request	9	brown	PBO	STS
GP Runner Tail SK99 PBO	on request	9	brown	PBO	SK99
GP Runner Tail STS PBO	on request	11,5	brown	PBO	STS
GP Runner Tail SK99 PBO	on request	11,5	brown	PBO	SK99

Cover: 32 plait 100% PBO **Core:** STS or SK99 coated



Mainsheet / Jibsheet

These lines have been optimized for ceramic-coated winch drums.

Description	Item no.	Ø in mm	Color	Cover	Core
GP Sheet SK78 TecPBO	on request	9,5	brown-grey	PBO/Technora®	SK78
GP Sheet SK99 TecPBO	on request	9,5	brown-grey	PBO/Technora®	SK99
GP Sheet STS TecPBO	7153979	9,5	brown-grey	PBO/Technora®	STS
GP Sheet SK78 TecPBO	on request	10,5	brown-grey	PBO/Technora®	SK78
GP Sheet SK99 TecPBO	on request	10,5	brown-grey	PBO/Technora®	SK99
GP Sheet STS TecPBO	7153980	10,5	brown-grey	PBO/Technora®	STS

Cover: 24 plait PBO / Technora® **Core:** STS, SK99 or SK78 coated



Halyard

What sets these lines apart is their special, particularly low-twist construction. They have been optimized for fast-running, grinder-operated winches.

Description	Item no.	Ø in mm	Color	Cover	Core
GP SK78 Polytech	on request	7,5	red-grey	Technora®/Polyester	SK78
GP SK99 Polytech	on request	7,5	red-grey	Technora®/Polyester	SK99
GP STS Polytech	on request	7,5	red-grey	Technora®/Polyester	STS
GP SK78 Polytech	on request	7,5	blue-grey	Technora®/Polyester	SK78
GP SK99 Polytech	on request	7,5	blue-grey	Technora®/Polyester	SK99
GP STS Polytech	on request	7,5	blue-grey	Technora®/Polyester	STS
GP SK78 Polytech	on request	7,5	green-grey	Technora®/Polyester	SK78
GP SK99 Polytech	on request	7,5	green-grey	Technora®/Polyester	SK99
GP STS Polytech	on request	7,5	green-grey	Technora®/Polyester	STS
GP SK78 Polytech	on request	8,5	red-grey	Technora®/Polyester	SK78
GP SK99 Polytech	on request	8,5	red-grey	Technora®/Polyester	SK99
GP STS Polytech	on request	8,5	red-grey	Technora®/Polyester	STS
GP SK78 Polytech	on request	8,5	blue-grey	Technora®/Polyester	SK78
GP SK99 Polytech	on request	8,5	blue-grey	Technora®/Polyester	SK99
GP STS Polytech	on request	8,5	blue-grey	Technora®/Polyester	STS
GP SK78 Polytech	on request	8,5	green-grey	Technora®/Polyester	SK78
GP SK99 Polytech	on request	8,5	green-grey	Technora®/Polyester	SK99
GP STS Polytech	on request	8,5	green-grey	Technora®/Polyester	STS
GP SK78 Polytech	on request	10	red-grey	Technora®/Polyester	SK78
GP SK99 Polytech	on request	10	red-grey	Technora®/Polyester	SK99
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GP SK78 Polytech	on request	10	blue-grey	Technora®/Polyester	SK78
GP SK99 Polytech	on request	10	blue-grey	Technora®/Polyester	SK99
GP STS Polytech	on request	10	blue-grey	Technora®/Polyester	STS
GP SK78 Polytech	on request	10	green-grey	Technora®/Polyester	SK78
GP SK99 Polytech	on request	10	green-grey	Technora®/Polyester	SK99
GP STS Polytech	on request	10	green-grey	Technora®/Polyester	STS

Cover: 32 plait Technora® / Polyester **Core:** STS, SK99 or SK78 coated



Coppa Pro

Schot
Sheet
Ecoute



Coppa Pro is maximally grippy for optimum manual handling and still extremely durable in the most aggressive ratchet blocks! These two difficult-to-reconcile characteristics are both combined in this line. Coppa Pro is a special sheet for extreme demands such as for the gennaker sheet on the Nacra17.

Field of application	Item no.	Ø in mm	Color	Cover	Core
GP Coppa soft	7153846*	6	white-brown	PBO/Dyneema®/Polyester soft	SK78
GP Coppa soft	7153845*	7	white-brown	PBO/Dyneema®/Polyester soft	SK78
GP Coppa soft	7154521*	8	white-brown	PBO/Dyneema®/Polyester soft	SK78

Cover: PBO/Dyneema®/Polyester soft **Core:** Dyneema® SK78

*on request

brown



STS Ocean 5000



Trim
Trim
Trim

Cross
Over



Robline employs STS - Stronger than Steel® cores for high performance applications, e.g., for cores of backstays and halyards used on race yachts such as TP52 and Mini Maxi. Developed by the experts at Robline, the special heat stretch process, which includes a defined cooldown phase during which the rope's structure is defined, makes it possible to achieve an enormous increase in breaking strength coupled with minimal elongation. STS Ocean 5000 should be used wherever extreme demands need to be met.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
2	*	830	4	anthracite 7152775*
3	*	2310	9	7153727
5	*	4400	19	7153728
6	*			7152799*
7	*	7700	36	7153729*
8	*	9900	49	7152800*
10	*	12300	64	7152801*
12	*	18700	100	7152802*
14	*	22000	116	7152803*

*on request

anthracite



Racing

– if you want to be at the forefront of the regatta field, then don't leave anything to chance. With Robline you are sure to enjoy success in your race!



Performance

Admiral PRO



Cross
Over



The Ocean 5000 core made with STS technology and a special coating combined with the well proven Polyester – Technora® cover provides a top of the range product without compromise. Very low stretch, almost no creep and high abrasion-resistance create the standard for the Grand Prix sailors.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.				
				white-black	neonyellow-black	black-black	pink-black	
8	200	5.000	45	7154483	7154484	7154485	7150908	
10	200	8.200	72	7154480	7154481	7154482	7150911	
12	170	14.000	101	7154488	7154487	7154486	7150905	

Cover: Polyester/Technora® Core: STS/Dyneema®

pink-black

neonyellow-
black

white-black

black-black

Admiral PRO Plus



Cross
Over



The Admiral Pro Plus has a strengthened 24-braided cover in Technora®/Polyester and HMPE to cope with ultra-heavy abrasion. Ideal for situations in which PBO fibres would otherwise be used.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.				
				white-black	neonyellow-black	black-black	pink-black	
8	200	5.000	45	7154497	7154496	7154495	7153948	
10	200	8.200	72	7154494	7154493	7154492	7153951	
12	170	14.000	101	7154506	7154507	7154508	7153945	

Cover: Polyester/Technora®/UHMWPE Core: STS/Dyneema®

pink-black

neonyellow-
black

white-black

black-black

Admiral 10000

Grand-prix-tested racing lines with Polyester/Technora® cover for best abrasion resistance, easy to splice.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.				
				black-blue	black-neongreen	black-neonorange	black-black	
8	200	3.800	43	7150285	7150286	7150287	7154510	
10	200	5.800	62	7150288	7150289	7150290	7154509	
12	170	8.000	90	7150248	7150283	7150284	7154511	

Cover: Polyester/Technora® Core: Dyneema® SK78

Cross
Over



black-blue

black-
neongreen

black-
neonorange

black-black

Admiral 10000 Plus

The Admiral 10000 Plus has a strengthened 24-braided cover in Technora®/Polyester and HMPE to cope with extreme abrasion. Ideally suited for applications where PBO fibres would otherwise be used.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.				
				black-blue	black-neongreen	black-neonorange	black-black	
8	200	3.800	43	7153991	7153992	7153993	7154512	
10	200	5.800	62	7153994	7153995	7153996	7154513	
12	170	8.000	90	7153997	7153998	7153999	7154514	

Cover: Polyester/Technora®/UHMWPE Core: Dyneema® SK78

Cross
Over



black-blue

black-
neongreen

black-
neonorange

black-black

Admiral 7000

Ideally suited for use as a halyard and for applications involving extremely high loads, Dyneema® SK78 core with tight 32-plait cover for optimized stability and elongation values.

Ø	Length	MBL	Weight	Color/Item no.									
				white-red	white-blue	white-green	black-neon-yellow	black-white	black	silver	orange-silver	black-neon-orange	
mm	m	daN	g/m										
6	200	2.300	25	7153518	7153521	7153519	7150693	7150688	7153517	7153520	7151556	7153881	
8	200	3.900	42	7153523	7153524	7153525	7150694	7150689	7153522	7153526	7151555	7153883	
10	200	5.850	65	7153528	7153529	7153530	7150695*	7150690	7153527	7153531	7151558	7153884	
12	150	8.100	89	7153532	7153533	7153534	7150696*	7150691	7153536	7153535	7151551	7153885	
14	100	10.500	120	7153537	7153538*	7153539	7150697	7150692	7153541	7153540*	7151552	7153882	

Cover: Polyester **Core:** Dyneema® SK78

*on request



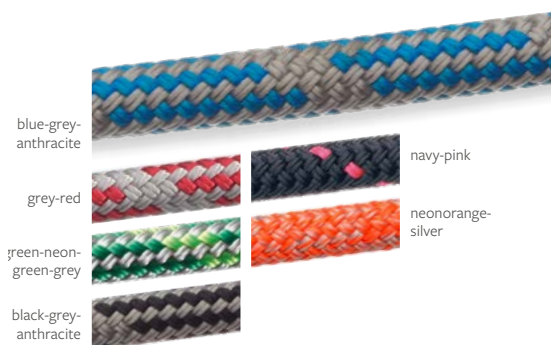
Admiral 5000

Featuring a 24-plait cover in combination with a strong Dyneema® SK78 core, this rope is easy to splice and taper, while offering optimal breaking load values at the same time.

Ø	Length	MBL	Weight	Color/Item no.					
				grey-red	green-neon-green-grey	black-grey-anthracite	blue-grey-anthracite	navy-pink	neonorange-silver
mm	m	daN	g/m						
6	200	2.200	25	7150713	7153405*	7153415	7153614	7151572	3866
8	200	3.800	43	7150714	7153406	7153416	7153615	7151565	3872
10	200	5.800	62	7150715	7153407	7153417	7153616	7151574	3877
12	150	8.000	90	7150716	7153408	7153418	7153617	7151562*	3880
14	100	10.500	124	7150717*	7153409	7153419*	7153618	7151563*	3870

Cover: Polyester **Core:** Dyneema® SK78

*on request



Schot
Sheet
Ecoute

Admiral 3000

Its modern cover construction makes this line ideal for use as a sheet on yachts of all sizes.

Ø	Length	MBL	Weight	Color/Item no.		
mm	m	daN	g/m	red-anthracite	black-anthracite	silver-anthracite
6	200	1.900	23	7153420*	7153426	7153432
8	200	3.300	42	7153421	7153427	7153433
10	200	4.800	60	7153422	7153428	7153434
12	150	6.300	90	7153423	7153429	7153435
14	100	8.200	120	7153424*	7153430*	7153436
16	100	10.300	160	7153425*	7153431*	7153437*

Cover: Polyester/Polyamid Core: UHWMPE

*on request



Cross
Over



Globe 5000 MK3

An upgraded version of our successful line of Globe yachting ropes. Its 24 plait cover and its specially coated Dyneema® core allow users to strip the cover off this rope and, just like grand prix cordage, adapt it specifically to the existing conditions on board.

Ø	Length	MBL	Weight	Color/Item no.							
mm	m	daN	g/m	red-silver	navy-silver	green-silver	orange-silver	white	white-light blue	white-neonyellow	
6	200	1.200	23	7151834	7151832	7151831	7151833	7151830	7153857	7153856	
8	200	1.800	43	7151839	7151837	7151836	7151838	7151835	7153859	7153858	
10	200	3.500	63	7151924	7151917	7151915	7151921	7151914	7153861	7153860	
12	150	4.900	89	7151943	7151939	7151937	7151942	7151926	7153863	7153862	
14	200	6.700	119	7151966	7151946	7151945	7151947	7151944	7153865	7153864	
16	150	9.000	149	7151829*	7151827	7151826*	7151828*	7151818	7153855	7153854	

Cover: Polyester Core: Dyneema®

*on request



Rebellious

– breaking out of familiar patterns, breaking new ground with innovative, pioneering Robline cordage. The colours of the Robline brand illustrate and emphasise this spirit.



Single Braids

Ocean 7000

This line is made of Dyneema® SK99 high performance fibers and ideally suited for all applications involving high breaking loads and, at the same time, for all uses that require a product that is easy to splice. Its typical field of use is where an enhancement of the properties of Ocean 3000 XG is needed.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
2	200	600	2,7	anthracite 7152853
3	200	1200	5,5	7152854
4	200	2000	9,6	7152855
5	200	2900	13,9	7152856
6	200	4000	21,4	7152857*

Material: Dyneema® SK99

*on request



STS Ocean 5000

Robline employs STS - Stronger than Steel® cores for high performance applications, e.g., for cores of backstays and halyards used on race yachts such as TP52 and Mini Maxi. Developed by the experts at Robline, the special heat stretch process, which includes a defined cooldown phase during which the rope's structure is defined, makes it possible to achieve an enormous increase in breaking strength coupled with minimal elongation. STS Ocean 5000 should be used wherever extreme demands need to be met.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
2	*	830	4	anthracite 7152775*
3	*	2310	9	7153727
5	*	4400	19	7153728
6	*	5220	25	7152799*
7	*	7700	36	7153729*
8	*	9900	49	7152800*
10	*	12300	64	7152801*
12	*	18700	100	7152802*
14	*	22000	116	7152803*

Material: Dyneema® SK78

*on request



Ocean STAT20 XG

This Dyneema® high tech fiber is the first Dyneema® with "zero creep". This makes this fiber and products made of it so ideal for all applications where a defined length is to be maintained under constant loading. The coating was optimized especially with maximum UV protection in mind.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
2	100	400	2	anthracite 7151576*
3	100	800	5	7150477*
4	100	1600	8	7150478*
5	100	2300	11	7150479*
6	100	3200	17	7150480*

Material: DM20

*on request



anthracite



anthracite



anthracite

Ocean 3000 XG



The high performance fiber which many sailing applications build on. The upgraded coating ensures good UV stability and enhances abrasion resistance.

Ø	Length	MBL	Weight	Color/Item no.		
mm	m	daN	g/m	red	blue	anthracite
2	200	400	2	7153303	7153304	7153306
2,5	200	500	4	7153307	7153308	7153310
3	200	800	5	7153311	7153312	7153314
4	200	1600	8	7153315	7153316	7153318
5	200	2300	11	7153319	7153320	7153322
6	200	3200	17	7153323	7153324	7153326
8	200	4500	28	7153327*	7153328	7153330
10	150	7100	42	7153331*	7153332*	7153334
12	100	9500	54	7153335*	7153336*	7153338*

Material: Dyneema® SK78

*on request



Ocean All Black

The black fibers of this line stay black. Minimal fading and the proven characteristics of our Ocean 3000 make Ocean All Black ideal for single braid applications.

Ø	Length	MBL	Weight	Color/Item no.	
mm	m	daN	g/m		all black
2	200	400	2		7153962
2,5	200	500	4		7154123
3	200	800	5		7153963
4	200	1600	8		7154125
5	200	2300	11		7153961
6	200	3200	17		7154489

Material: UHMWPE



Cruising

Sirius XTS

The Sirius XTS has been specially developed for the commonly used Spinlock® XTS clutch and aims to improve the holding power without locking earlier than desired. Also suitable as a sheet for very aggressive winches. The hybrid fibre core moreover minimizes stretch.

Ø	Length	MBL	Weight	Color/Item no.				
mm	m	daN	g/m	blue-black-white	lime-black-white	neonorange-black-white	red-black-white	white-black-black
6	200	1340	27	7153759	7153760	7153761	7153758	7154538
8	200	1500	45	7153763	7153764	7153765	7153762	7154539
10	200	2900	76	7153767	7153768	7153769	7153766	7154540
12	200	3500	96	7153771	7153772	7153773	7153770	7154537

Cover: Polyester/Technora®/Dyneema® Core: UHMWPE/XLF

Cross
Over



Sirius 1000

This rope closes the performance gap between the High Tech Performance and the previous Cruising products. Sirius 1000 combines several advantages of the Performance range products with a price/performance ratio known only from polyester products. Furthermore, it achieves optimal elongation values at the typical working loads that ropes are exposed to on Performance Cruising yachts.

Ø	Length	MBL	Weight	Color/Item no.				
mm	m	daN	g/m	red	navy	green	blue-silver	orange-silver
6	200	1340	27	7150882	7150881	7150880	7150950	7150951
8	200	1500	35	7150528	7150527	7150526	7150952	7150953
10	200	2400	67	7150532	7150531	7150530	7150954	7150955
12	150	3100	73	7150524	7150523	7150522	7150956	7150957

Cover: Polyester Core: Dyneema®/XLF

Cross
Over



Relentless

– the best way to describe us where our customers are concerned. Everything that we do, we do so that you can concentrate on the important things - the wind, the waves, enjoyment and success - and let Robline take care of the rest!

Cross
Over

Sirius 500

The classic from Robline featuring the optimal characteristics of a double braided polyester rope – low elongation coupled with high stability.

Ø	Length	MBL	Weight	Color/Item no.							
mm	m	daN	g/m	silver-red	silver-blue	silver-green	silver-black	neonorange-silver	blue-silver	neongreen-silver	
4	200	550	12	7153438	7153445	7153452	7153459	7151995	7151996	7151997	
5	200	850	20	7153439	7153446	7153453	7153460	7151998	7151999	7152006	
6	200	1150	27	7153440	7153447	7153454	7153461	7152577	7152578	7152579	
8	200	1800	49	7153441	7153448	7153455	7153462	7152586	7152587	7152588	
10	200	2800	71	7153442	7153449	7153456	7153463	7152589	7152628	7152717	
12	150	3800	103	7153443	7153450	7153457	7153464	7152718	7152719	7152725	
14	100	5000	140	7153444	7153451	7153458	7153465	7151969	7151993	7151994	
16	150	7300	185	7153917	7153918	7153919	7153920	-	-	-	
18	100	9100	227	7153923	7153924	7153925	7153926	-	-	-	
20	100	10300	285	7153929	7153930	7153931	7153932	-	-	-	

Cover: Polyester Core: Polyester



Cross
Over

Sirius 300

The versatile allround sheet, ideal for use as a halyard, sheet, or trim line, excellent value for money.

Ø	Length	MBL	Weight	Color/Item no.			
mm	m	daN	g/m	white-red	white-navy	white-green	white
4	200	550	12	7150579	7150582	7150581*	7151582
5	200	850	20	7150589	7150591	7150590*	7151585
6	200	1150	27	7150597	7150599	7150598	7151577
8	200	1800	49	7150617	7150619	7150618	7151578
10	200	2800	71	7150633	7150636	7150634	7151579*
12	150	3800	103	7150655	7150658	7150656	7151580*
14	100	5000	140	7150580	7150583	7150584	7151581*

Cover: Polyester Core: Polyester

*on request



Shot
Sheet
Ecoute

Sirius Grip

This sheet is pleasant to grip and also features good stability when used on winches.

Ø	Length	MBL	Weight	Color/Item no.		
mm	m	daN	g/m	blue-white	black-white	red-white
8	200	1500	49	7154587	7154502	7154503
10	200	2300	71	7154588	7154504	7154505
12	200	3000	103	7154586	7154498	7154499
14	100	4600	140	7154590	7154589	7154591

Cover: Polyester/Polyester soft Core: Polyester



Orion 500

A line in modern, fresh colors and many diameters, easy to splice, and suited for various uses aboard any yacht.

Ø	Length	MBL	Weight	Color/Item no.							
				red	navy	black	green	neonyellow-black	neon-green-black	purple-black	pink-black
mm	m	daN	g/m								
2	250	70	3	7182059	7182058	7182060	7182057	7158100	7158101	7158102	7158103
3	200	150	6	7182063	7182062	7182064	7182061	7158104	7158105	7158106	7158107
4	125	400	12	7182067	7182066	7182068	7182065	7158108	7158109	7158110	7158111
5	100	600	19	7182071	7182070	7182072	7182069	7158112	7158113	7158114	7158115
6	100	800	24	7182075	7182074	7182076	7182073	7153279	7153289	7153293	7153297
8	200	1400	41	7182079	7182078	7182080	7182077	7153280	7153290	7153294	7153298
10	200	2000	70	7182083	7182082	7182084	7182081	7153287	7153291	7153295	7153299
12	150	2500	89	7182087	7182086	7182088	7182085	7153288	7153292	7153296	7153300

Cover: Polyester Core: Polyester

Orion 300

A versatile allround rope in a traditional design; high UV resistance, longevity, and great ease of handling make this product a benchmark for many Cruising applications.

Ø	Length	MBL	Weight	Color/Item no.					
				white-red	white-blue	white-green	white	white-yellow	white-black
mm	m	daN	g/m						
4	200	400	12	7182021	7182018	7182020	7182017	7182019	7182022
5	200	600	19	7182027	7182024	7182026	7182023	7182025	7182028
6	200	800	24	7182033	7182030	7182032	7182029	7182031	7182034
8	200	1400	42	7182039	7182036	7182038	7182035	7182037	7182040
10	200	2000	70	7182045	7182042	7182044	7182041	7182043	7182046
12	150	2500	89	7182051	7182048	7182050	7182047	7182049	7182052
14	100	3800	120	7182056	7182054	7182055	7182053	-	-

Cover: Polyester Core: Polyester

Neptun 500

With its pleasant-to-touch cover, classic design, and high UV resistance, this rope qualifies as a jack-of-all-trades aboard cruising yachts.

Ø	Length	MBL	Weight	Color/Item no.							
				white-red	white-neongreen	white-black	black	white	navy-blue	red	
mm	m	daN	g/m								
6	200	700	24	7153466	7153471	7153476	7153481	7150664	7150662	7150663	
8	200	1200	40	7153467	7153472	7153477	7153482	7150667	7150665	7150666	
10	200	1800	62	7153468	7153473	7153478	7153483	7150669	7150668	7150670	
12	150	2500	86	7153469	7153474*	7153479	7153484	7150673	7150671	7150672*	
14	100	3400	116	7153470	7153475*	7153480*	7153485	7150676	7150674	7150675	

Cover: Polyester Core: Polyester

*on request





Dinghy & Sportsboats

Dinghy Star Pro

Cross
Over



The standard product for fast skiff and dinghy classes. The combination of PBO and Dyneema® SK78 in the cover and Dyneema® SK99 in the core make the Dinghy Star Pro fit perfectly for applications requiring highest abrasion resistance and minimal elongation.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
3	100	400	6	white-brown 7151604
4	100	800	11	7152667
5	100	1300	16	7152668
6	100	1900	23	7152669

Cover: PBO/Dyneema® Core: Dyneema® SK99

Dinghy Star

Cross
Over



High abrasion resistance of the cover combined with a strong Dyneema® SK78 core make for an ideal allround rope that comes in various colors. From outhauls to sheets – Dinghy Star meets your every need.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
				blue yellow red neongreen white
4	100	600	9,5	7153490 7153493 7153496 7153798 7153797
5	100	1100	15	7153491 7153494 7153497 7153802 7153801
6	100	1650	22	7153492 7153495 7153498 7153804 7153803
8	100	3300	39	7153500 7153501 7153499 7153800 7153799

Cover: Dyneema® SK78/Technora®/XLF Core: Dyneema® SK78

Dinghy Polytech

Cross
Over



Made of polyester and Technora®, the Polytech cover sets a standard in bigboat racing. The abrasion resistant 16-plait cover and a colorcoded Dyneema® SK78 core make up an easy-to-splice rope for use on skiffs and dinghies.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
				blue-black neonorange-black neongreen-black
4	100	500	9,2	7150214 7150215 7150211
5	100	1200	13	7150220 7150222 7150216

Cover: Polyester/Technora® Core: Dyneema® SK78

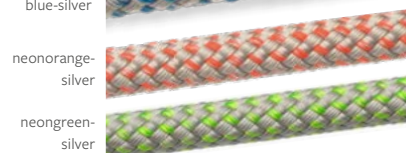
Polycontrol

Cross
Over

The control line with high-quality polyester sheath and pre-stretched polyester core. Compact braiding and minimal stretch make it extremely versatile.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
				neonorange-silver blue-silver neongreen-silver
4	200	550	12	1995 1996 1997
5	200	850	20	1998 1999 2006
6	200	1150	27	2577 2578 2579

Cover: Polyester Core: Polyester



Dinghy Control



An allround high-tech control line that comes in various colors and diameters. The colored Dyneema® SK78 core also makes it easily recognizable in complex boat handling systems.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.					
				white-red	white-navy	white-green	white-yellow	white-orange	white-purple
1,7	100	150	2	7152124	7152129	7152134	7152139	7159445	7159446
3	100	450	7	7152125	7152130	7152135	7152140	7158117	7158120
4	100	700	11	7152126	7152131	7152136	7152141	7158121	7158122
5	100	1200	16	7152127	7152132	7152137	7152142	7158123	7158124
6	100	1650	23	7152128	7152133	7152138	7152143	7158125	7158126

Cover: Polyester

Core: Dyneema® SK78

Ø 1,7 – 4 mm



Ø 5 – 6 mm



O-Kink



A specially designed Dyneema® double braid that, because of its characteristics, is not susceptible to kinking and thus is ideally suited for fast-moving sheets such as gennaker sheets and the like.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.	
				white	black
3	120	817	5,8	7158384	7158386
5	120	1815	17,1	7158385	7158387
7	120	3290	27	7150135	7150136

Material: Dyneema® SK78



Coppa 5000

24 carrier cover for easy splicing & stripping! Ideal for applications where minimum stretch and optimum grip combined with minimum abrasion are required.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.			
				blue-white-black	red-white-black	black-white-black	lime-white-black
4	100	600	11	7152729	7152727	7152728	7152730
5,5	100	1400	21	7150888	7150889	7150887	7151638
7	100	2400	30	7150891	7150892	7150890	7151640
8	100	3200	41	7151634	7151637	7151632	7151636
9	100	4900	53	7150885	7150886	7150884	7151639

Cover: Polyester/Polyester soft/Technora® Core: Dyneema® SK78

red-
white-black

blue-
white-black

black-
white-black

lime-
white-black

Super Dinghy Sheet

Schot
Sheet
Ecoute



The sheet for sailors looking for a durable cover with minimal water absorption and low kinking tendency. Ideal for single-handed dinghies and all applications where a low weight matters.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.	
				white-orange	white-black
5,5	100	1000	22	7150466	7150465
7	100	1200	26	7150468	7150467
8,5	100	1500	39	7150464	7150463

Cover: Dyneema® SK78/Technora®/XLF Core: XLF

Racing Pro

A special sheet for the latest control settings such as Magic Wheels for foil readjustments and other applications that call for grip and control. A high tech fiber mix for minimal stretch and abrasion. Developed together with the cat sailors of the Flying Phantoms and the medal winners at the Rio 2016 Olympics.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.				
				red-grey-white	blue-grey-white	neongreen-grey-white	neonorange-grey-white	black-grey-white
5	100	700	12	7151612	7151613	7151614	7151615	7152771
7	100	1400	24	7151622	7151623	7151624	7151630	7152774
9	100	2400	38	7151608	7151609	7151610	7151611	7152773
11	100	3200	52	7151616	7151617	7151620	7151621	7152772

Material: Taslan/Polyester/UHMWPE

Dinghy Sheet

The kink-free sheet of Olympic champions. Dinghy Sheet combines all the characteristics one could possibly want in a sheet. It does not kink, provides excellent grip, and has a compact and round shape. What is more, its polyester/polyamide cover ensures enhanced abrasion resistance.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.	
				red-grey	black-grey
6	200	425	19	7152970	7152971
7	200	600	32	7159032	7152972
8	200	750	40	7152973	7152974

Cover: Polyester/Polyamid Core: Polyester

Dinghy Light

The lightweight among dinghy sheets. Dinghy Light is a rope made up of an 8-plait XLF core and a 32-plait cover. It is used wherever minimal water absorption is crucial. This makes it particularly suitable for use as a lightweight spinnaker sheet.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.		
				black-yellow	red-yellow	blue-yellow
6	100	500	16,4	7159695*	7159689*	7159692*
8	100	850	29	7159696*	7159690*	7159693*

Cover: XLF Core: XLF

*on request

8-Plaited Dinghy

A strong allround rope made of prestretched polyester, dimensionally stable, compact, and minimally water absorbing.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.			
				red-silver	black-silver	blue-silver	white-silver
4	100	390	13	7159661	7159664	7159662	7159663
5	100	560	21	7159666	7159669	7159667	7159668
6	100	820	30	7159671	7159674	7159672	7159673

Cover: Polyester Core: Polyester



white-orange
white-black



neonorange-grey-white
red-grey-white
blue-grey-white
neongreen-grey-white
black-grey-white



red-grey
black-grey



black-yellow
red-yellow
blue-yellow



red-silver
black-silver
blue-silver
white-silver

Cross
Over

Schot
Sheet
Ecoute

Schot
Sheet
Ecoute

Cross
Over

Trim
Trim
Trim

Cross
Over

Dinghy Towing Line

This product covers the most important points of a dinghy towing line: it floats, it's easy to untie even after being loaded and zero water absorption keeps your boat light.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
5	100	280	13	grey-orange 7150919

Material: XLF

grey-
orangeCross
Over

Albatros

The ideal bowline or towline aboard dinghies or coachboats – buoyant, lightweight, and compact.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
				red-blue yellow-red blue-yellow
6	200	350	14	7153014 7153077 7153965
8	200	650	24	7153080 7153081 7153966
10	200	900	38	7153110 7153109 7153967
12	100	1200	55	7154000 7154003 7153968
14	100	1600	75	7154004 7154007 7153969
16	100	1900	100	7154009 7154014 7153964
18	100	2200	125	7154020 7154022 7153970

Material: XLF

red-blue

yellow-red

blue-yellow

High-Tech Shock Cord

A newly developed product, which is extremely resistant to abrasion thanks to the new high-tech fibre, and at the same time prevents the elastic core from being overstretched. This elastic rope is an indispensable product for modern skiff and catamaran classes.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
				black white
3	100	44	6	7150848 7150447
4	100	89	13	7150849 7150448
5	100	97	17	7150850 7150449
6	100	105	26	7150851 7150450
8	100	170	47	7150852 7150451
10	100	260	85	7150847 7150452*

Cover: UHMWPE Core: Gummi

*on request

white

black

Shock Cord

Shock Cord for high standards. The cover of the Shock Cord is made of highly abrasion resistant polyester, while its core consists of high quality rubber. This combination makes the rope compact, stable, and durable.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
				white-red black blue yellow red
3	250	28	6	7157738 7159081 7153350 7153349* 7153348*
4	200	56	13	7157739 7159082 7153352 7153351* 7153353
5	100	60	17	7155159 7155058 7153355 - 7153354
6	100	66	25	7155160 7159083 7153356 - -
7	100	88	37	7153340 7152935* - - -
8	100	111	45	7155161 7159084 7153357* - -
10	100	166	81	7155162 7159085 - - -

Cover: Polyester Core: Gummi

*on request

blue

white-red

black

yellow

Tapered Sheets

The range of "machine-tapered lines" of the Robline brand features exceptional characteristics. These include ultimate abrasion strength, minimal elongation, great handling comfort, and an attractive appearance. This is made possible by the use of premium quality raw materials from select suppliers.

Overview

Field of application	Item no.	Material	Length			Diameter			Color
Spi Sheet endless high-tech	7152776	PES/Technora®	4,0	20,0	4,0	5,0	9,0	5,0	red-black
Spi-Sheet endless	7157483	PES/Dyneema® SK78	10,0	13,0	10,0	6,0	9,0	6,0	blue-silver
Spi-Sheet 11m (420)	7157583	PES/Dyneema® SK78	3,1	4,8	3,1	4,0	6,0	4,0	green-silver
Spi-Sheet 11m (420)	7150483	PES/Technora®/Dyneema®	3,0	5,0	3,0	4,0	6,0	4,0	red-black
Spi-Sheet 18m (470)	7157584	PES/Dyneema® SK78	4,5	9,0	4,5	4,0	6,0	4,0	red-silver
Spi-Sheet 18m (470)	7150484	PES/Technora®/Dyneema®	4,5	9,0	4,5	4,0	6,0	4,0	red-black
Spi Sheet (Yngling)	7154576	PES/Technora®/Dyneema®	8,0	8,0	8,0	4,5	7,0	4,5	white-blue
Spi-Sheet 8m	7153682	PES/Technora®/Dyneema®	1,0	2,0	5,0	8,0	5,0	8,0	red-silver
Cat Sheet 16m	7157457	PES/Dyneema® SK78	10,0	6,0		5,0	8,0	5,0	blue-silver
Jib Sheet (Star)	7154323	PES	1,0	10,0	1,0	9,5	6,5		silver-red-black
Jib Sheet (H-Boat)	7154575	PES/Dyneema®	6,0	1,0	6,0	5,0	7,0	5,0	silver-red-black
Spi-Sheet 18m (H-Boat)	7157466	PES/UHMWPE	7,5	10,5		5,0	8,0		green-silver
Spi-Sheet 18m (H-Boat)	7157474	PES/UHMWPE	7,5	10,5		5,0	8,0		red-silver
Spi-Sheet 20m (Dragon)	7157472	PES/UHMWPE	7,0	13,0		5,2	8,3		green-silver
Spi-Sheet 20m (Dragon)	7157471	PES/UHMWPE	7,0	13,0		5,2	8,3		red-silver
Spi Sheet endless (Dragon)	7154547	PES/Technora®/UHMWPE	10,0	12,0	10,0	5,0	8,0	5,0	red
Genoa Sheet (Dragon)	7154555	PES/Technora®/UHMWPE	2,0	10,0	2,0	5,0	8,0	5,0	blue
Reverse Genoa Sheet (Dragon)	7154550	PES/Technora®/UHMWPE	7,0	2,0	7,0	8,0	5,0	8,0	blue
Mainsheet (Dragon)	7154557	PES/Technora®/UHMWPE	1,5	9,5	7,5	5,0	8,0	5,0	black
Spi Halyard (Dragon)	7154552	PES/Technora®/UHMWPE	6,0	11,3	7,7	5,0	8,0	5,0	green
Generic Tapered line 20m	7158135	PES/Dyneema® SK78	10,0	10,0		4,0	6,0		green-silver
Generic Tapered line 20m	7158139	PES/Dyneema® SK78	10,0	10,0		4,0	6,0		red-silver
Generic Tapered line 24m	7158136	PES/Dyneema® SK78	12,0	12,0		6,0	9,0		green-silver
Generic Tapered line 24m	7158140	PES/Dyneema® SK78	12,0	12,0		6,0	9,0		red-silver
Generic Tapered line 30m	7157541	PES/Dyneema® SK78	15,0	15,0		10,0	7,0		green-silver
Generic Tapered line 30m	7157542	PES/Dyneema® SK78	15,0	15,0		10,0	7,0		red-silver
Generic Tapered line 36m	7158138	PES/Dyneema® SK78	18,0	18,0		8,0	12,0		green-silver
Generic Tapered line 36m	7158158	PES/Dyneema® SK78	18,0	18,0		8,0	12,0		red-silver
Olympic Main Sheet (Nacra 17)	7154573	PES/Technora®/UHMWPE	3,5	7,5		4,5	8,0		red-black-white
Opti Main Sheet High Tech	7150296	PES/Technora®	1,5	2,5	3,0	4,0	9,0	4,0	silver-blue-black





Mooring & Anchor Lines

Palma Elastic

Ankerleine
Anchoring
Ankring

Festmacher
Dock Line
Fortøjning

Its special, highly elastic polyamide (nylon) double braid permits secure mooring even at rougher docking sites. The high elasticity of the Palma Elastic protects the yacht's mooring cleats by avoiding high shock loads to a large extent.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
				navy-red
				black
10	200	2190	60	7181231 7182089
12	150	3900	104	7181232 7182090
14	150	4620	115	7181233 7182091
16	150	6290	149	7181624 7182092
18	100	10110	211	7181234 7182093
20	100	11500	240	7181625 7182094

Material: Polyamid

Newport 8

A mooring line that offers great ease of splicing paired with optimum abrasion values and that, when stowed, occupies only 50% of the volume of conventional braided or laid ropes.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
				white
				black
12	150	3100	112	7181550 7182106
14	100	3750	142	7181551 7182110
16	150	4700	159	7181552 7182112

Material: Polyester

Rio

Ankerleine
Anchoring
Ankring

Festmacher
Dock Line
Fortøjning

Kink-free mooring rope for lovers of stylish design. Rio comes in a variety of diameters and colors and excels due to its immense resistance to abrasion and its exceptional grip. Rio also impresses its users with its high breaking strength, UV resistance, and ease of splicing.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
				white-black
				navy
				black
				grey
8	200	1400	42	7181653 7181651 7181652 7151652
10	200	2000	69	7181635 7181633 7181634 7151654
12	150	2800	97	7181638 7181636 7181637 7151669
14	100	3900	127	7181641 7181639 7181640 7151684
16	150	4500	163	7181644 7181642 7181643 7151685
18	100	5500	196	7181647 7181645 7181646 7151686
20	100	6600	260	7181650 7181648 7181649 7151698
24*	200	10000	384	7157946 7159041 7159053 7151699
28*	120	13500	455	7157948 7159043 7159055 7151706
32*	165	15600	610	7157949 7159044 7159056 7151648

Cover: Polyester Core: Polyester

*coil



Rapallo

Ankerleine
Anchoring
Ankring

Festmacher
Dock Line
Fortøjning

The classic among mooring ropes featuring high abrasion resistance. Made of Polyester, the laid 3-strand Rapallo boasts excellent stretch characteristics and highest UV resistance. Unsurprisingly, it has become one of the all-time classics among mooring and anchor ropes over the years.

Ø	Length	MBL	Weight	Color/Item no.		
mm	m	daN	g/m	white	navy	black
6	200	750	24	7151052	7157364	-
8	200	1200	43	7151655	7157365	-
10	200	1950	68	7151054	7157366	7151056
12	150	2700	94	7151860	7157367	7151885
14	100	3900	133	7158470	7158469	7151865
16	70	4600	163	7158472	7158471	7151704
18	70	5700	212	7158582	7158458	7151705
20	100	7000	244	7151673	7157371	7152232
24	100	10200	351	7151675	7157540	-
28	250	13500	490	7157940*	7157934*	-
32	125	15300	620	7157942*	7157936*	-
36	200			7157943*	7157937*	-
40	150			7157944*	7157938*	-

Material: Polyester

* on request



Cormoran

Festmacher
Dock Line
Fortøjning

This twisted 3-strand mooring rope offers fantastic value for money. Also, its XLF fibers make Cormoran floatable, dirt repellent, and extremely lightweight.

Ø	Length	MBL	Weight	Color/Item no.		
mm	m	daN	g/m	navy	black	white
6	200	500	17	7159065	7159073*	7153169
8	200	900	29	7159066	7159074	7153028
10	200	1300	43	7159067	7159075	7153049
12	150	1800	59	7159068	7159076	7153270
14	100	2300	80	7159069	7159077	7153273
16	70	3000	106	7159070	7159078	7151905
18	70	3500	136	7159071	7159079	7158581
20	100	4000	148	7159072	7159080*	7153190*

Material: XLF

* on request



Flat Mooring

The key feature of this newly developed mooring rope is its novel cover design. Flat Mooring distributes the frictional energy to a larger area while being soft and easy to handle. These characteristics make it an ideal mooring rope for tricky and choppy berthing situations.

Ø	Length	MBL	Weight	
mm	m	daN	g/m	black
12	200	2430	75	7154225
14	200	2900	110	7154553
16	200	4100	140	7154224

Material: Polyamide



Ready-Made-Products

Ready-made-Products make your life easier. Ready for use and self-explanatory, they do not require any additional, timeconsuming customization. Pioneers in this segment, Robline Ready-Made-Products excel, just like the rest of our vast product portfolio, through their high quality and impeccable workmanship.

Product benefits:

- Ready for use
- Self-explanatory
- Require no additional time-consuming customization
- No short lengths

Rapallo/Eye 250 mm

Ø mm	Length m	Color/Item no.		
		white	navy	black
10	4	7159718	7159722	7154527
10	6	7158351	7157690	7154526
10	10	7158350*	7152778	7154531
12	4	7159719	7159723	7154525
12	6	7158353	7157607	7154524
12	10	7158352	7157608	7154532



Rapallo/Eye 350 mm

Ø mm	Length m	Color/Item no.		
		white	navy	black
14	4	7159720	7159724	7154523
14	6	7158355	7157463	7154522
14	10	7158354	7157609	7154533
16	4	7159721	7159725	7154529
16	6	7158357	7157465	7154528
16	10	7158356	7157464	7154530



Rapallo/Thimble: plastic material

Ø mm	Length m	Color/Item no.	
		white	navy
8	40,0	7155171	-
10	2,5	7158343	7158702
10	4,0	7158344*	7158701
10	40,0	7155172	-
12	2,5	7158345	7157602
12	4,0	7158346	7157605
12	40,0	7155173	-
14	2,5	7158347	7157604
14	4,0	7158348	7157601
14	40,0	7155174	-
16	4,0	7158349*	7157606
16	40,0	7155175	-

* on request



Rapallo/Thimble: stainless steel

Ø mm	Length m	Color/Item no.	
		white	
8	20	7151657	
8	30	7151658*	
10	20	7151660*	
10	30	7151661*	
12	30	7151663*	
14	30	7151668*	

* on request



Vinga

Ø mm	Length m	Color/Item no.	
		navy	black
12	6	7181008	7181015
14	6	7181009	7181016
16	6	7181010	7181017
12	12	7181011	7181018
14	12	7181012	7181019
16	12	7181013	7181020
18	12	7181014	7181177
20	12	7181175	7181176



Rio/Eye 250 mm

Ø mm	Length m	Color/Item no.	
		black-white	navy-blue
8	5,0	7181668	-
10	6,0	7181655	7181671
10	10,0	7181654	-
12	6,0	-	7181657
12	7,0	7181660	-
12	10,0	7181658	7181656



Rio/Eye 350 mm

Ø mm	Length m	Color/Item no.	
		black-white	navy-blue
14	7,0	-	7181663
14	10,0	7181664	7181662
16	8,0	-	7181666
16	10,0	7181667	-



Rio/Thimble: stainless steel

Ø mm	Length m	Color/Item no.	
		black-white	
10	30	7181672	
12	20	7181659	
12	30	7181661	
14	30	7181665	



Palma Elastic

Ø mm	Length m	Color/Item no.	
		black	
10	6	7182098	
10	10	7182099	
12	6	7182100	
12	10	7182101	
14	8	7182102	
14	10	7182103	
16	8	7182104	
16	10	7182105	



Braided Fenderlines/Eye 40 mm

Ø mm	Length m	Color/Item no.	
		white	navy
6	1,5	7181022	7181021
6	2,0	7182107	7182111
8	1,5	7182108	7181225
8	2,0	7182109	7182113

2 pcs/set



Twisted Fenderlines/Eye 40 mm

Ø mm	Length m	Color/Item no.	
		white	navy
6	1,5	7159322	7159324
6	2,0	7159323	7159325
8	1,5	7159326	7159328
8	2,0	7159327	7159329
10	2,0	7159330	7159331



Bonifacio Winch

Anchoring without a bow roller – innovation at its finest. Developed for use with anchor winches, Bonifacio Winch features a leaden core that runs along the entire length of the rope. This design permits horizontal dragging of the anchor, enhances its retention power, and also dampens the boat's movements. The spliced-in stainless-steel thimble permits quick fastening of the anchor. Delivered in a practical storage bucket, it is easy to stow aboard your vessel. When making Bonifacio Winch, great importance was attached to the use of premium quality materials for both cover and intermediate cover. PES fibers keep the Polyurethane-coated core from slipping out. This way, the rope is protected against corrosion, and the environment is protected, as well.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	white
12	30	1600	240	7158464
12	50	1600	240	7158465
14	30	2000	350	7158562*
14	50	2000	350	7158466
16	50	2400	378	7158524

* on request

Poseidon

Leaded anchor rope meeting highest demands. In the case of Poseidon, lead inserts are integrated into the core over one quarter of its total length, which makes it easier to drag the anchor horizontally and enhances its retention power. In addition, the rope becomes easier to lift. Poseidon is delivered in a bag with a spliced-in stainless steel thimble. A high quality PES cover made out of a 16-plait weave as well as an intermediate cover also consisting of PES keep the lead insert from slipping out from the rope. A polyurethane coating affords additional protection on the insert.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	white
10	50	1.700	-	7152661
12	50	1.900	-	7158526
14	50	2.600	-	7158527
16	50	3.700	-	7158528

Black is available on request: 10 mm - 30 m, 12 mm - 35 m, 14 mm - 40 m



Ready

– Robline's hand-spliced, Ready-Made-Mooring and -Anchor Lines ensure your safety while in action on the high seas as well as in port.

Extension Mooring

The mooring rope with shock absorption. The brilliantly integrated shock absorption system of Extension Mooring is what makes this polyamide mooring rope so unique. The integrated shock absorber gives Extension Mooring excellent stretch characteristics and makes it the ideal permanent mooring solution in harbors.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
12	6	2.430	-	black 7157363
14	6	2.900	-	7151798
16	6	4.100	-	7151799



Miami

Innovative mooring rope with shock absorber. Miami combines high abrasion resistance with good stretch characteristics and a shock absorber. Made of premium quality 12-plait Polyester, the rope is provided with an integrated heavy-duty rubber shock absorber, thus ensuring optimum shock absorption characteristics. The integrated eye splice readies Miami for instant use.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
12	6	2700	67	black 7152917 navy 7152886
14	6	3200	96	7152918 7152887
16	6	4400	119	7152919 7152888
12	10	2700	67	7154062 -
14	10	3200	96	7154070 -
16	10	4400	119	7154071 -



Wire Lock

Security without scratching and dents. Wire Lock's backbone is a 7 x 19 stainless steel wire around which a 32-plait PES cover is braided that prevents abrasion and protects the core from UV-radiation. The eyes are protected by a rubber sleeve.

Ø	Length	Color/Item no.
mm	m	
9	1,0	black 7157811
9	1,5	7159713
9	3,0	7157700
9	5,0	7157698



Mooring Rope Set

Mooring ropes now available in a handy storage box. The Mooring Rope Set consists of 6 mooring ropes in two different lengths. The various mooring ropes are provided with a spliced eye having a diameter of 250mm and 350mm, respectively. The set comes in a handy storage box.

Ø	Length	Augspleiß	Color/Item no.
mm	m	mm	
10	4 Stk. 4 m/2 Stk. 10 m	250	black 7181558
12	4 Stk. 4 m/2 Stk. 10 m	250	7181559
14	4 Stk. 6 m/2 Stk. 10 m	350	7181560
16	4 Stk. 6 m/2 Stk. 10 m	350	7181561



Traditional Ropes

Globe 5000 MK3

Cross
Over



An upgraded version of our successful line of Globe yachting ropes. Its 24 plait cover and its specially coated Dyneema® core allow users to strip the cover off this rope and, just like grand prix cordage, adapt it specifically to the existing conditions on board.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
6	200	1200	23	white 7151830
8	200	1800	43	7151835
10	200	3500	63	7151914
12	150	4900	89	7151926
14	200	6700	119	7151944
16	200	9000	149	7151818

Cover: Polyester Core: Dyneema®

white



Double Braided Classic

A traditional rope with a long life span. Based on the long standing and proven Sirius design, Double Braided Classic excels due to its ideal grip and high abrasion resistance. The 32-plait weave of this traditional line consists of a combination of polyester staple fibers and polyester multifilaments and ensures the product's long service life.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
10	200	2600	71	traditional 7152361*
12	150	3600	103	7152362*
14	100	4800	140	7152363*
16	100	6500	178	7152364*

Cover: Polyester Core: Polyester

* on request

Schot
Sheet
Ecoute

traditional



Classic-Tex

Made of XLF, Classic-Tex looks like a traditional rope, but behaves like a state-of-the-art yachting rope. Its benefits include a long service life, low stretch, and zero water absorption. Classic-Tex can be used as a sheet, in tackles, as a multi-purpose rope, and for decorative purposes.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
3	400	120	9	traditional 7150555
4	200	165	11	7150554
6	200	355	18	7155312
8	200	595	29	7155313
10	200	900	46	7155314
12	150	1340	63	7155315
14	100	1740	85	7155316
16	150	2180	117	7155317
22*	100	4100	190	7155339
24*	100	4830	230	7155369
30	50	5700	390	7155347

Material: 3 - 4 mm: Polyester, 6 - 30 mm: XLF

Schot
Sheet
Ecoute

traditional



Schot
Sheet
Ecoute

Spunflex

A symbiosis between traditional look and cutting edge tech Spunflex bridges the gap between modern yachting ropes and traditional appearance. XLF fibers make Spunflex long living, abrasion resistant, low-stretch, and resistant to water absorption. It is suited for use as a multi-function rope and for decorative purposes.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.	
6	220	550	17		traditional 7157170
8	220	960	29		7157171
10	220	1430	45		7157172
12	220	2030	74		7157173
14	220	2790	94		7157100
16	220	3500	124		7157046
18	220	4500	142		7157047
20	220	5500	184		7157174*
22	220	6700	219		7157175*
24	220	7500	254		7157176*
26	220	8900	320		7157177*
28	220	10100	347		7157048*
32	220	11000	446		7157178*

Material: XLF

*on request

traditional



Cross
Over

Sirius 300

The versatile allround sheet, ideal for use as a halyard, sheet, or trim line, excellent value for money.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.	
4	200	550	12		white 7154024
5	200	850	20		7154027
6	200	1150	27		7154031
8	200	1800	49		7150896
10	200	2800	71		7150895
12	150	3800	103		7150894
14	100	5000	140		7154037
16	150	7300	185		7154038
18	100	9100	227		7154058
20	100	10300	285		7154059

Cover: Polyester Core: Polyester

white



Relationships

– we value not only the challenges that sailing presents, but also the community that has built up around water sports. With Robline we therefore support young and enthusiastic sailors and ambitious teams in every class.

Sailmakers

High-Tech Shock Cord

A newly developed product, which is extremely resistant to abrasion thanks to the new high-tech fibre, and at the same time prevents the elastic core from being overstretched. This elastic rope is an indispensable product for modern skiff and catamaran classes.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
3	100	44	6	black 7150848 white 7150447
4	100	89	13	7150849 7150448
5	100	97	17	7150850 7150449
6	100	105	26	7150851 7150450
8	100	170	47	7150852 7150451
10	100	260	85	7150847 7150452*

Cover: UHMWPE **Core:** Rubber

*on request



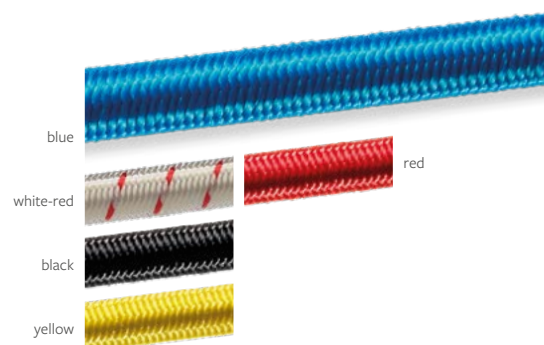
Shock Cord

Shock Cord for high standards. The cover of the Shock Cord is made of highly abrasion resistant polyester, while its core consists of high quality rubber. This combination makes the rope compact, stable, and durable.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
3	250	28	6	white-red 7157738 black 7159081 blue 7153350 yellow 7153349* red 7153348*
4	200	56	13	7157739 7159082 7153352 7153351* 7153353
5	100	60	17	7155159 7155058 7153355 - 7153354
6	100	66	25	7155160 7159083 7153356 - -
7	100	88	37	7153340 7152935* - - -
8	100	111	45	7155161 7159084 7153357* - -
10	100	166	81	7155162 7159085 - - -

Cover: Polyester **Core:** Rubber

*on request



GFL Ultra

GFL Ultra is a special product for use with rollable flying foresails. Due to its special, innovative construction, it transmits the torsional forces of the rolling mechanism directly along the entire length of the luff.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
9	*	2680	77	black 7150486
11	*	3330	130	7150498
13	*	4450	180	7150487
15	*	4800	193	7150485

Material: Special construction

*on request



Responsible

– anybody who, like Robline, mixes it at the top with the elite also has a responsibility towards society and the environment. With Robline cordage, you can rest assured that we will make our contribution together.

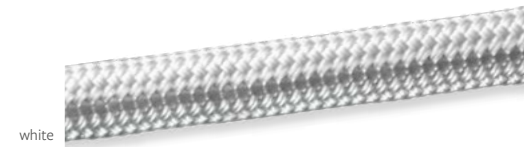
GFL – Gennaker Furler Line

GFL is used mainly as luff line for gennaker and Code Zero sails and exhibits its qualities, especially its excellent torsional characteristics, also on large-sized yachts. Its compact 32-plait PES cover makes GFL resistant to abrasion and UV and prevents any core/cover slippage. For the core, we rely on a 12-plait Vectran® fiber for lowest stretch, and the additional impregnation provides protection against UV and abrasion.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
8	200	4000	58	white 7152106
10	200	6000	83	7152662
11	200	8500	100	7152107
14	200	13500	160	7152108*

Cover: Polyester **Intermediate-cover:** XLF-Monofil **Core:** Vectran®

*on request



Rapallo Boltrope

Laid 3-strand polyester rope developed specifically as a luff line and offering high elasticity.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
6	200	750	24	white 7150948
8	200	1200	43	7150949
10	200	1950	68	7150946
12	150	2700	94	7151504

Material: Polyester



Profile Line

This is a highly compact and abrasion resistant profile line featuring a smooth cover which consists of 16-plait PES of a very short lay length. The core is made of 8-plait PES.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
3	200	150	7	white 7151402
4	200	220	10	7151403
4,5	200	280	15	7151404
5	200	350	18	7151405
6	200	450	25	7151406
7	200	650	36	7151733
8	200	1000	49	7151734

Cover: Polyester **Core:** Polyester



Polynite

Polynite is a laid 3-strand rope made of high quality XLF. As a result, Polynite exhibits low creep and is therefore perfectly suited as a leech line.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
5	200	400	11	white 7156009*
6	200	650	15	7156010*
7	200	950	24	7156011*
8	200	1300	32	7156012*
10	200	1800	49	7156013*

Material: XLF

*on request



Leech Line

Leech line with minimal stretch. Leech Line performs at its best primarily when used with clam cleats. Its polyester cover lends to Leech Line immense dimensional stability, and its UHMWPE core ensures its minimal stretch.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
				red-silver
1,7	250	130	2	7159110
2,5	250	300	5	7159111
3	200	500	7	7159112
4	200	700	11	7159113
5	200	1000	16	7159114
6	200	1600	23	7159115
				navy-silver
				white-yellow-red
				7159121
				7159122
				7159123
				7159124
				7159125
				7159126

Cover: Polyester Core: UHMWPE



High Tech STS Single Braid Leech Line



The perfect leech line for high-tech membrane sails. Lightweight, minimal stretch, and UV-stabilized.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
				anthracite
2,5	250	1000	5	7154556
3	200	1400	7	7154569
4	200	2310	10	7154568

Material: made with STS® - Stronger than Steel technology



Dyneema® Cover



Dyneema® protective cover used to sheathe particularly vulnerable cordage portions.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
				white
extra small	*	13	183	C1930-04-00600
small	*	19	183	C1930-06-00600
medium	*	25	183	C1930-08-00600

Cover: Dyneema®

*on request



Trimline Orion 500

High-quality polyester is incorporated in the sheath and core of the Trimline Orion 500, which promises excellent resistance to abrasion and UV resistance.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
				white-red
2	250	60	2	7182013
3	200	150	5	7182014
4	125	300	10	7182015
5	100	440	16	7182011
6	100	550	24	7182012

Cover: Polyester Core: Polyester



Lazyjack Polybraid

This product was specifically designed for use as a lazyjack line. It is slippery enough to allow the sail to glide smoothly into the lazybag. At the same time, it is easy to splice and resistant to environmental influences.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
				grey
5	200	900	20	7154543
7	200	1200	40	7154544
9	200	2000	64	7154542

Cover: Polyester

*other colors on request



Mini-Spools

Dinghy Control

Now, our best-selling Dinghy Control also comes on a small-sized reel. Ideal for points of sale or for bringing it along in your rigging bag.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
4	10	60	1	farbig sortiert (navy-white, red-white) 7154534

Opti Dinghy Lashing

For lashing the sail to the spars. It features a 0.8mm diameter for minimum windage and weight, a grippy cover for knots, and a Dyneema® core for lowest stretch.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
1	15	60	1	farbig sortiert (red-silver, lime-silver) 7153060*

Available in boxes of 10 units each
*on request

Polyester Colour

For use as a flag line or trim line. Low stretch, highly resistant to abrasion and UV, consists of 8-plait PES.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
3	20	150	4	red 7150179 blue 7150182 green 7150128 black 7150185 farbig sortiert 7150164

Available in boxes of 10 units each

Orion 500

Extremely high quality polyester all-purpose rope. This product features a 16-plait cover combined with a yarn, both made of high quality polyester.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
2	30	70	3	red 7182003 navy 7182004 neon-yellow 7158130 neongreen 7158129 purple 7158131 pink 7158132 black 7182007 assorted colors 7182009 *1
3	15	150	6	red 7182005 navy 7182006 neon-yellow 7158159 neongreen 7158160 purple 7158161 pink 7158162 black 7182008 7182010 *1
2	30	70	3	- - - - - - - 7158133 *2
3	15	150	6	- - - - - - - 7158134 *2

Available in boxes of 10 units each
*1 red, navy, black *2 neongreen, neonyellow, purple, pink

Classic-Tex

Eyecatching: the classic look of Classic-Tex. Twisted 3-strand polyester line.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
3	15	120	5	traditional 7150552

Available in boxes of 10 units each

XLF

Allround rope, very grippy, for a variety of applications. 8-plait line made of XLF.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
1	50	25	1	white 7153281
2	40	50	2	7153117
3	15	100	3	7153095
4	10	200	5	7157119

Available in boxes of 10 units each



Ocean 3000 XG



Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
2	25	400	2	anthracite 7150568
3	15	800	5	7150569
4	10	1600	8	7159712

Available in boxes of 10 units each



Leech Line

UHMWPE rope on a minispool for various applications. 12-plait cover with UHMWPE core.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
1,7	10	130	2	red-silver 7152670

Available in boxes of 10 units each



Shock Cord

Our well-liked shock cords in shorter lengths.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
3	15	28	6	black/red-white sortiert 7151511
4	10	56	13	7151514

Available in boxes of 10 units each



Rigging

– in the Robline Splice Center we can design your own personalised and exciting yachting equipment with our Rigging Service. The result is a perfectly assembled set of cordage.

Whipping Twine

Whipping Twine Dyneema®

Innovative whipping twine made of Dyneema®. Dyneema® whipping twine excels mostly due to its high breaking loads and smooth surface. It is easy to handle and requires no additional waxing.



Ø	Length	Color/Item no.		
mm	m	white	blue	red
1	50	7154091	7150228	7150225

Available in boxes of 10 units each



Max Wax Whipping Twine

Rigging yarn whose high wax content makes it easier and faster to use.

Ø	Length	Color/Item no.	
mm	m	white	
1	50	7152777	

Available in boxes of 10 units each



Waxed Whipping Twine

Whipping twine with a high wax content. Available as twisted whipping twine in diameters of 0.5mm and 0.8mm. From a diameter of 1mm, it is braided and will not open because of the flat, strong seam. The special wax formula makes this whipping twine particularly easy to use.

Ø	Length	Color/Item no.						
mm	m	white	black	red	blue	green	brown	farbig sortiert
0,5	100	7159635	7153944	-	-	-	-	-
0,8	80	7159676	7159677	7159680	7159678	7159679	7159685	7150109
1,0	46	7159640	7153942	-	-	-	-	-
1,5	32	7159681	7153943	-	-	-	-	-

Available in boxes of 10 units each



Waxed Whipping Twine and Needle

Waxed polyester twine with sailmaker needle.

Ø	Length	Color/Item no.		
mm	m	white	brown	navy
0,8	80	7159716	7159687	7159843
1	46	7154321	-	-
1,5	32	7154320	-	-

Available in boxes of 10 units each



Allround Ropes

Trimm
Trim
Trim

Schot
Sheet
Ecoute

Floating Security Line

Floating Security Line is made of a 16-plait XLF hollow weave. This makes it buoyant and easy to splice. Signal colors make it highly visible.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
8	200	700	21	yellow-red 7153015
10	200	900	33	7153016

Material: XLF



Polyester 16

All-purpose rope with good resistance to abrasion and stretch values. 16-plait PES cover. Twisted and, from diameters of 4mm, 8-plait core.

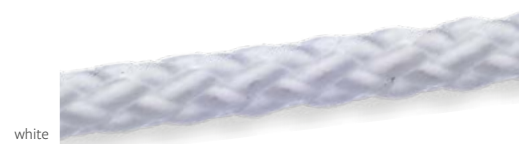
Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
2	400	100	2	white 7157770
2,5	280	150	5	7157769
3	200	220	6	7151013
4	200	370	10	7151016
5	200	500	17	7151019
6	200	600	22	7151022



Polyester 8

Low-stretch, grippy 8-plait all-purpose polyester rope.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
				white plastic card 20m plastic card 50m
1	600	40	1	7157771 - -
2	400	90	2	7157772 - -
3	200	180	4	7151126 7153120* 7153121*
4	200	310	7	7151110 7153122* 7153123*
5	200	450	13	7151736 - -
6	200	550	19	7151021 - -
8	200	950	37	7151024 - -
10	200	1.500	54	7151025 - -



Polyester Colour 8

This highly UV resistant trim and flag line consists of 8-plait polyester and boasts good colorfastness and high abrasion resistance.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
				red blue green black
3	200	150	4	7150022 7150023 7150024 7150025
4	200	280	7	7150027 7150028 7150029 7150030
5	200	450	13	7150201 7150203* 7150204* 7150106
6	200	550	16	- - - 7150032

*on request



Polyamide 8

Durable 8-plait all-purpose polyamide rope.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
1	600	40	1	white 7157762
1,5	500	60	1	7157761
2	400	80	2	7157764
2,5	280	120	3	7157763*
3	250	180	5	7157765
4	250	310	7	7157766
5	250	510	12	7157767
6	100	740	18	7150138
8	200	1210	33	7150018

*on request



XLF 8

Buoyant 8-plait all-purpose XLF rope with high stretch.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
3	500	100	3	white 7153001
4	500	200	5,4	7153002
5	200	320	9	7153004
6	200	450	16	7153008
8	200	650	27	7153009
10	200	1100	40	7153010



Polyamide 16 Start

Specifically developed as an engine starter rope. Characterized by high abrasion resistance and minimal stretch. Featuring a 16-plait PA cover and an 8-plait PA core.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
3	200	210	5,7	white 7157760
3,5	100	290	8,8	7150034
4	100	310	10,3	7150035
4,5	100	400	12,0	7150036
5	100	450	13,0	7150037



Accessories

Soft Shackle Ocean

Größe	Length mm	MBL daN	Color/Item no.
XS	50	700	grey 7154180
S	65	1000	7152880
M	90	2000	7152881
L	100	4000	7152882
XL	70	5900	7153599
XXL	100	7000	7153600



Heat-cutting device

This heat cutter replaces working with a scarfing machine and scissors. Cutting and fusing can be carried out in one single step. Available with power cord or rechargeable battery.

Item	Item no.
Heat-cutting device with power cord	7080017
Heat-cutting device with rechargeable battery*	7080216
Cutting knife	7155023

*only available in Europe



Stainless steel splicing set with hooks

For polyester and high tech yachting ropes from 6 to 14 mm.

Bestell-Nr.: 7155097



Safety Net & Line

Item	Length m	Ø mm	Color/Item no.
Leine	100	7	white 7155090
Netz	210	2	7158382
Netz	70	2	7155091

Note: Net and line need to be ordered separately



D-Splicer Needle

The preferred splicing tool of pros. Can be used for all types of braided ropes. Made of stainless steel and provided with a plastic handle.

Item	Item no.
F 10 (up to 2 mm)	U130151
F 15 (for 2-4 mm)	U130147



Dyneema® Scissors

Special scissors with micro-serration for high tech fibers.

Item no.: 7155379



Sail Ties

Sail Ties made of polyester

Length: 200 cm/78,7 inch Item no.: 7999967



Belt

140 cm long, cutting to length is easy with a heat-cutting device

Item no.: 7991040



Travel Bag

Its water-proof bottom and cover as well as its attractive appearance make this bag a handy companion on board.

Item no.: 7080229



Polo Shirt

High quality branded polo shirt with subtle ROBLINE embroidery.

Item	Item no.
Polo Shirt white	7999941
Polo Shirt navyblue	7999935



Stickers

White or transparent background in various sizes. Suitable for any use on smooth surfaces.

Item	Item no.
Sticker S white	7999946
Sticker M white	7999947
Sticker L white	7999948
Sticker XL white	7999949
Sticker S transparent	7158390
Sticker M transparent	7158392
Sticker L transparent	7158391



Fiber Types

Overview

► Monofilaments

A few comparatively thick fibers ($\varnothing$ 0.3mm) are fed in parallel to the braiding process.

► Multifilaments

Many very thin fibers (0.001mm) are used as a bundle during the braiding process. This is the most widely used kind of construction in yachting ropes.

► Textured fibers

The fibers are not arranged in parallel in the bundle but exhibit a more or less random type of arrangement. This is why the fiber bundle has a comparatively rough surface.

Base materials in detail

► Dyneema®

The starting material for Dyneema® is polyethylene. It is modified at a molecular level and stretched in one direction. The stretched molecule chains increase breaking strength and decrease elongation. Therefore, Dyneema® exhibits the lowest elongation at break of all synthetic fibers. Dyneema® has very low specific gravity, which makes it buoyant. The only downside of this fiber is that it creeps. This means that the fiber will show permanent elongation under load. Dyneema® is used as a core material in high tech yachting ropes. The core bears the load, while the cover merely serves as a protection against abrasion and light. Therefore, it is certainly possible to remove the cover from the rope ends without reducing the rope's breaking strength. Dyneema® also exhibits good abrasion resistance and resistance to sunlight. Dyneema® is the most widely used high tech fiber in yachting ropes and can be used for a vast variety of high quality products such as sheets, halyards, and trim lines.

► Liquid crystal polymer (LCP)

Liquid crystal polymers (LCP's) are extremely complex, modified polyester chains. Vectran® is a brand name of Hoechst Celanese in the U.S. Vectran® is very expensive. Therefore, it is used only in high tech cordage. This product stands for low stretch combined with ultimate breaking strength. However, its UV resistance is not very high. Furthermore, LCP's exhibit very high temperature resistance and low vulnerability to bending across sharp edges. The big advantage of Vectran®, however, is the absence of creep. Vectran® is an absolute high tech fiber mainly designed for competition. Its low UV resistance makes using a cover indispensable, which must not be removed, not even for weight reduction purposes.

► Polybenzoxazole (PBO)

PBO is a high tech fiber. Produced by Toyobo in Japan, it combines extreme breaking strength, high temperature resistance, and very low elongation. Its weakness, however, is its low resistance to sunlight.

► Aramid/Technora®

Aramid fibers provide extremely high breaking strength combined with almost no elongation.

They are sensitive to sunlight, bending across sharp edges, and abrasion. In yachting ropes, aramid only plays a minor role. This fiber is produced by DuPont (Kevlar®) and Teijin (Twaron®). In the Yachting Rope segment, aramid fibers are mainly used in places where high temperature resistance is essential, for example on winches. They are ideally suited for use on winches. However, due to their low resistance to bending over sharp edges, they should not be used on stoppers.

► Polyester (PET)

PET stands for good breaking strength and low elongation. It offers both chemical and physical benefits such as resistance to seawater, good abrasion resistance (in both dry and wet conditions), and good resistance to sunlight. This makes PET a go-to choice in the production of many yachting lines. It is used as a core material for halyards, sheets, mooring lines, and anchor lines. On high tech cordage, polyester is used as the cover material. The outstanding characteristics of polyester speak for themselves. Since polyester sinks, it can also be used for anchor lines. For high tech yachting ropes, it is used as a cover material (UV protection), while for simple yachting ropes it is also used in the core.

► Polyamide (PA)

Polyamide provides high breaking strength as well as high elongation. The abrasion resistance of PA is better in wet than in dry conditions, as the fiber tends to absorb water (up to 7%). Kept in contact with moisture for too long, the material can become stiff. Another downside of PA compared to polyester is its comparatively lower UV resistance. This is why PA is increasingly being replaced by polyester. Polyamide is still widely used for mooring ropes and all-round lines.

► Polypropylene (PP) = XLF

Due to its limited technical properties, polypropylene is only used for simple applications. PP is extremely lightweight and even buoyant. Its abrasion strength and temperature resistance are adequate. Typically, it is used for simple mooring lines or for all-round lines.

Overview of products

Material	Starting material	Strength daN/mm ²	Specific gravity kg/cm ³	Water absorption %	Resistance to sunlight	Elongation %	Abrasion resistance	Creep	Melting point C°
Dyneema®/Spectra®	UHMWPE	345	0.97	0	good	3.5	very good	at high loads	140
Liquid crystal polymer	LCP	280	1.41	0	poor	3.5	good	not measurable	330
PBO	PBO	574	1.54	0.5 – 2.0	low	2.5 – 3.5	very good	nearly not measurable	-
Aramide/Technora®	Aramide	250	1.45	3.0	poor	3.5	very good	nearly not measurable	450
Polyester (PET)	PET	110	1.4	0.5	very good	10 – 16	very good	nearly not measurable	250
Polyamide (PA)	PA6/PA66	81	1.14	3.0	average	20 – 25	very good	low, good	250
Polypropylene (PP) = XLF	XLF Multifilament	56	0.91	0	good	20 – 25	sufficient	at high loads	160

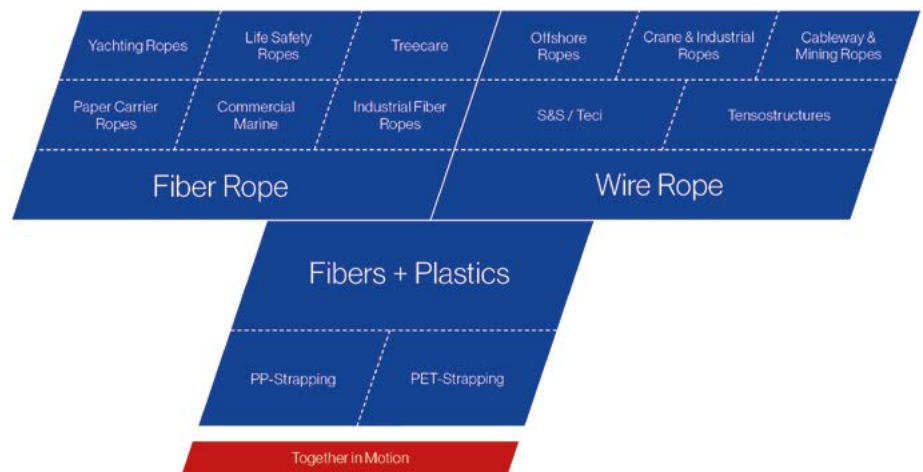


Expertise from more than 225 years of experience

What started back in 1790 as a simple shop making hemp ropes has since evolved into a globally successful group of enterprises specializing in the development and production of fiber and steel wire ropes as well as strapping.

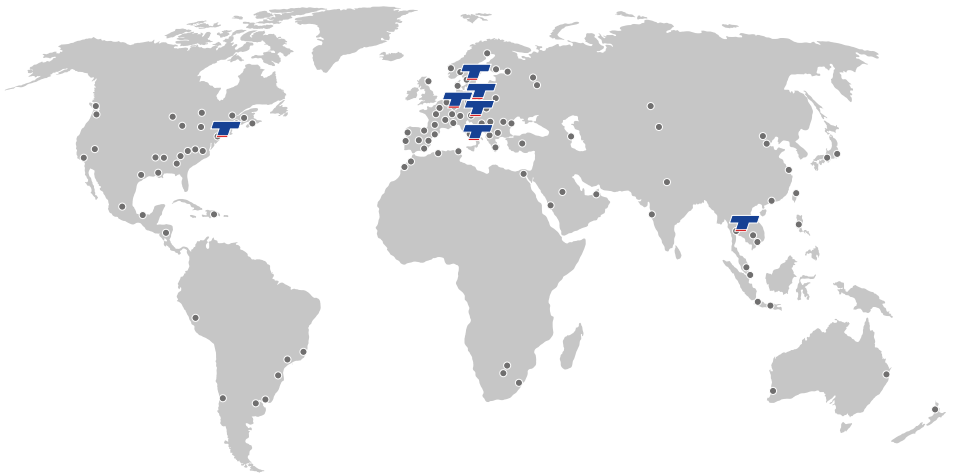
Great diversity

TEUFELBERGER's products and services are destined for a wide variety of applications ranging from cranes and marine applications to packaging and through to personal protection. The continuity and stability of a family enterprise makes us a reliable partner who, competently and effectively, supports you in mastering your day-to-day challenges.



Global presence and customer proximity

Manufacturing operations in various countries allow us to meet local quality and certification standards as well as customer requirements without difficulty. From our sites in Austria, the Czech Republic, the U.S., Italy, Sweden, and Thailand, and backed by a close-knit global network of distribution partners, we continue to satisfy the expectations of our customers.



Innovative solutions through synergies

TEUFELBERGER is a leading specialist for fiber and steel wire ropes as well as strapping. The spectrum of technologies in TEUFELBERGER's portfolio generates various synergies between the extrusion of thermoplastics, the braiding of high performance fibers, and the processing of wires into ropes and strapping.

Especially fiber and steel wire products have brought about valuable synergies with regard to both application and manufacturing technologies, which have benefited our customers tremendously. This makes TEUFELBERGER your ideal partner right from the project planning phase.

5% of TEUFELBERGER's employees are active in research and development and make sure that our customers have access to the latest innovative rope technologies. 10% of the entire investment volume is committed to development and quality assurance.

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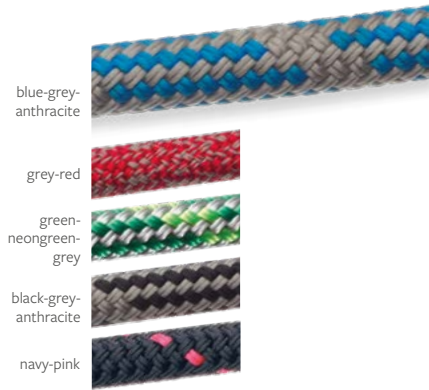
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Information about product specifications



Product nomenclature

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
6	200	2.200	25	0713
				grey-red
				green-neon-green-grey
				black-grey-anthracite
				blue-grau-anthracite
				navy-pink

Cover: Cover material Core: Core material

Ø = diameter (mm)

The nominal diameter is always the maximum diameter

Length = rope length (m)

The rope's length is measured taking EN ISO 2307 into account.
rope length: per spool or coil

MBL = minimum breaking loads

The value in daN (1 daN is about 1 kg) indicates the load at which the rope would break. The specified breaking loads are values determined in testing in our laboratory. In practical use, these values may deviate depending on the type of use. The breaking loads were determined for free lengths of rope and

will be decreased by splices or knots. When defining a rope's dimensions, we recommend to apply a ratio of working load to breaking load of at least 1:5!

Weight = weight per meter (g/m)

The specified values in grams relate to one meter of rope. The length of the rope can change during use. As a result, there may also be deviations from the specified weight.

Colors and order numbers

Example: the color "blue-grey-anthracite" with Ø 6 has the Item no. 3614

Identification Field of Use



HALYARD

This line is ideally suited for use as a halyard.



SHEET

Due to its low abrasion and minimal kink, this line is ideally suited for use as a sheet.



CROSSOVER

This line is suited for use as both a halyard and a sheet.



TRIMM

This line can be used as a control line, stretcher, or all-round rope.



MOORING LINE

This line is suited for mooring all kinds of boats.



ANCHOR LINE

This non-buoyant line is used for anchoring.

Halyards and sheets*

Your boat m	Ø mm halyards			Ø mm sheets		
	Spi	Genoa	Main	Spi	Genoa	Main
6-8	8	8	8	10	10	10
9	8	10	10	10	12	10
10	10	10	10	10	14	12
11	10	12	10	12	14	12
12	12	12	12	12	14	12
14	12	12	12	14	14	12
16	12	14	12	14	14	14
18	14	14	14	14	14	14
24	16	16	16	16	16	16

*When using lines made of Dyneema®, the diameter can be reduced by 2mm! The specified values are experience-based values of Robline®. They are average values which, however, can vary from one yacht type to another.

Mooring and anchor lines*

Your boat m	Weight t	Ø mooring line mm	Ø anchor line mm
6-8	2	8-10	12
9	4	12	14
10	5	12	16
11	7	14	16
12	8	14	18
14	11	16	20
16	12	18	20
18	20	24	24
24	22	26	26

⚠ WARNING

The misuse of ropes can be dangerous. Our products may only be used for the purpose they are designed for. Do not use them for personal protection or lifting purposes as specified in EU Directive 2006/42/EC, unless the products are clearly identified as suitable for such purposes under relevant standards. The user is responsible for the proper application and supervision of the rope's use and assumes the user is familiar with the necessary safety precautions. We recommend a splice as end connection for all of our products. For Dyneema® products (such as Ocean 3000 XG for example) a splice is the only option that should be used, as knots can come undone under a load.





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