

**Robline**



# World Class Yachting Ropes





# Core Braiding Technology

## STS Ocean 5000 Core

**Fibre:** Dyneema, 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® & 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



Royal Swedish Yacht Club



Österreichischer Segel-Verband



Union Yacht-Club Attersee



Verein Seglerhaus am Wannsee



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Star Sailors League



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# Robline has added another water sport

Originally the brand for sailing, we have now placed the kite line segment under the patronage of Robline. Our increased focus on this sport within the TEUFELBERGER Group and our passion for kiting have made this market an important segment within a few years.

We have recognized that the kite community's attitude towards life, which stands for freedom, adventure and community, fits in perfectly with our previously purely sailor-oriented Robline brand. Even more, our lines for kitesurfing enrich the sailing brand Robline and make it a hip water sports brand.

## Robline in a nutshell



Rebellious



Rigging



Racing



Responsible



Relationships



Relentless



Ready



# Robline Splicing Center

The Robline brand stands for “rigging” and “ready”, among other things. We take this assignment seriously. In the Robline Splicing Center we design your individual, exciting boat world with our rigging service. The result is perfectly assembled cordage. With hand-spliced, ready-made mooring lines and anchor lines, you are safe on the high seas and in port.

## This is what every sailor has been dreaming of!

- ▶ All the cordage you need, and nothing more!
- ▶ Cordage custom-configured with suitable terminations!
- ▶ Tapered and spliced to your needs!
- ▶ You are just a few days away from your individual cordage!

## These configurations are made for you at the Robline Splicing Center:

- ▶ Cutting to length
- ▶ Termination whipping at rope end
- ▶ Eye splice for braided ropes
- ▶ Eye splice for laid ropes
- ▶ Splicing in of a thimble
- ▶ Eye splice for hollow braid
- ▶ Eye splice for cruising or mooring line
- ▶ Eye splice for performance line
- ▶ Endless splice for cruising line
- ▶ Endless splice for performance line
- ▶ Tapered splice
- ▶ Flemish eye
- ▶ Splicing on of Dyneema® Cover
- ▶ Splicing in of soft shackles
- ▶ Fitting of a protective cover

## Splice instructions:

[www.roblineropes.com/en/services/splicing/](http://www.roblineropes.com/en/services/splicing/)



# 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	7153977	10	brown	PBO	SK78

**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	7153978	9	brown	PBO	STS
GP Runner Tail STS PBO	7154853	11,5	brown	PBO	STS

**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 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 STS TecPBO	7153980	10,5	brown-grey	PBO/Technora®	STS

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

brown-grey



## 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	7154935	7,5	red-grey	Technora®/Polyester	SK78
GP SK99 Polytech	7154818	7,5	red-grey	Technora®/Polyester	SK99
GP STS Polytech	on request	7,5	red-grey	Technora®/Polyester	STS
GP SK78 Polytech	7154936	7,5	blue-grey	Technora®/Polyester	SK78
GP SK99 Polytech	7154819	7,5	blue-grey	Technora®/Polyester	SK99
GP STS Polytech	on request	7,5	blue-grey	Technora®/Polyester	STS
GP SK78 Polytech	7154937	7,5	green-grey	Technora®/Polyester	SK78
GP SK99 Polytech	7154820	7,5	green-grey	Technora®/Polyester	SK99
GP STS Polytech	on request	7,5	green-grey	Technora®/Polyester	STS
GP SK78 Polytech	7154938	8,5	red-grey	Technora®/Polyester	SK78
GP SK99 Polytech	on request	8,5	red-grey	Technora®/Polyester	SK99
GP STS Polytech	7153981	8,5	red-grey	Technora®/Polyester	STS
GP SK78 Polytech	7154939	8,5	blue-grey	Technora®/Polyester	SK78
GP SK99 Polytech	on request	8,5	blue-grey	Technora®/Polyester	SK99
GP STS Polytech	7153982	8,5	blue-grey	Technora®/Polyester	STS
GP SK78 Polytech	7154940	8,5	green-grey	Technora®/Polyester	SK78
GP SK99 Polytech	on request	8,5	green-grey	Technora®/Polyester	SK99
GP STS Polytech	7153983	8,5	green-grey	Technora®/Polyester	STS
GP SK78 Polytech	7154932	10	red-grey	Technora®/Polyester	SK78
GP STS Polytech	on request	10	red-grey	Technora®/Polyester	STS
GP SK78 Polytech	7154933	10	blue-grey	Technora®/Polyester	SK78
GP STS Polytech	on request	10	blue-grey	Technora®/Polyester	STS
GP SK78 Polytech	7154934	10	green-grey	Technora®/Polyester	SK78
GP STS Polytech	on request	10	green-grey	Technora®/Polyester	STS

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

blue-grey

red-grey

green-grey



## 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.

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.
6	*	1900	24	white-brown 7153846*
7	*	3000	35	7153845*
8	*	3600	48	7154521*

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

\*on request



brown

## STS Ocean 5000



Trimm  
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	*	620	3	anthracite 7152775*
3	*	2310	11	7153727
5	*	4400	20	7153728
6	*	5250	25	7152799*
7	*	7700	36	7153729*
8	*	9900	47	7152800*
10	*	13200	65	7152801*
12	*	19800	101	7152802*
14	*	25800	130	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
14	200	14.000	138	7154831	7154832	7154834	7154833

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
14	200	14.000	138	7154835	7154836	7154838	7154837

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

pink-black

neonyellow-black

white-black

black-black

## Admiral 10000

Cross Over



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
14	200	8.000	123	7154842	7154839	7154841	7154840

Cover: Polyester/Technora® Core: Dyneema® SK78

black-blue

black-neongreen

black-neonorange

black-black

## Admiral 10000 Plus

Cross Over



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 usually 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
14	200	8.000	123	7154846	7154843	7154845	7154844

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

black-blue

black-neongreen

black-neonorange

black-black

## Admiral 7000

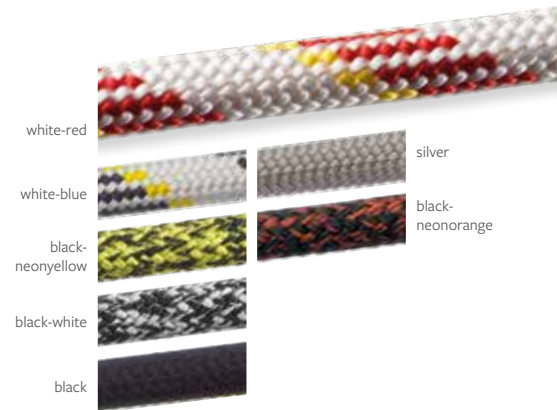


Ideally suited for use as a halyard and for applications involving extremely high loads, Dyneema® SK78 core with tight 32-plait cover for optimized stability and elongation values.

Ø	Length	MBL	Weight	Color/Item no.								
				white-red	white-blue	white-green	black-neon yellow	black-white	black	silver	black-neon-orange	
mm	m	daN	g/m	white-red	white-blue	white-green	black-neon yellow	black-white	black	silver	black-neon-orange	
6	200	2.300	25	7153518	7153521	7153519	7150693	7150688	7153517	7153520	7153881	
8	200	3.900	42	7153523	7153524	7153525	7150694	7150689	7153522	7153526	7153883	
10	200	5.850	65	7153528	7153529	7153530	7150695*	7150690	7153527	7153531	7153884	
12	150	8.100	89	7153532	7153533	7153534	7150696*	7150691	7153536	7153535	7153885	
14	100	10.500	120	7153537	7153538*	7153539	7150697	7150692	7153541	7153540*	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	grey-red	green-neon-green-grey	black-grey-anthracite	blue-grey-anthracite	navy-pink	neonorange-silver
6	200	2.200	25	7150713	7153405*	7153415	7153614	7151572	7153866
8	200	3.800	43	7150714	7153406	7153416	7153615	7151565	7153872
10	200	5.800	62	7150715	7153407	7153417	7153616	7151574	7153877
12	150	8.000	90	7150716	7153408	7153418	7153617	7151562*	7153880
14	100	10.500	124	7150717*	7153409	7153419*	7153618	7151563*	7153870

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 mm	Length m	MBL daN	Weight g/m	Color/Item no.		
				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 UHWMPE 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.							
				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: UHWMPE  
\*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

Trimm  
Trim  
Trim

Cross  
Over



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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
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



Trimm  
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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
2	*	620	3	anthracite 7152775*
3	*	2310	11	7153727
5	*	4400	20	7153728
6	*	5250	25	7152799*
7	*	7700	36	7153729*
8	*	9900	47	7152800*
10	*	13200	65	7152801*
12	*	19800	101	7152802*
14	*	25800	130	7152803*

**Material:** Dyneema®

\*on request

## Ocean STAT20 XG

Trimm  
Trim  
Trim

Cross  
Over



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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
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

Trim  
Trim  
Trim

Cross  
Over



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

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.		
				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®

\*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 mm	Length m	MBL daN	Weight g/m	Color/Item no.	
					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
8	200	4500	28		7158413

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.				
				blue-black-white	lime-black-white	neonorange-black-white	red-black-white	white-black-black
mm	m	daN	g/m					
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	150	3500	96	7153771	7153772	7153773	7153770	7154537

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



## 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.				
				red	navy	green	blue-silver	orange-silver
mm	m	daN	g/m					
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



## 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.							
				silver-red	silver-blue	silver-green	silver-black	neonorange-silver	light 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.			
				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.		
				blue-white	black-white	red-white
8	200	1500	49	7154587	7154502	7154503
10	200	2300	71	7154588	7154504	7154505
12	150	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



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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
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



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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	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



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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	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



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

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	neonorange-silver blue-silver neongreen-silver
4	200	550	12	7151995 7151996 7151997
5	200	850	20	7151998 7151999 7152006
6	200	1150	27	7152577 7152578 7152579

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	grey
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

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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
5,5	100	1000	22	white-orange white-black
7	100	1200	26	7150466 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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
5	100	700	12	red-grey-white blue-grey-white neongreen-grey-white neonorange-grey-white black-grey-white
7	100	1400	24	7151612 7151613 7151614 7151615 7152771
9	100	2400	38	7151622 7151623 7151624 7151630 7152774
11	100	3200	52	7151608 7151609 7151610 7151611 7152773
				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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
6	200	425	19	red-grey black-grey
7	200	600	32	7152970 7152971
8	200	750	40	7159032 7152972
				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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
6	100	500	16,4	black-yellow red-yellow blue-yellow
8	100	850	29	7159695* 7159689* 7159692*
				7159696* 7159690* 7159693*

Cover: XLF Core: XLF

\*on request

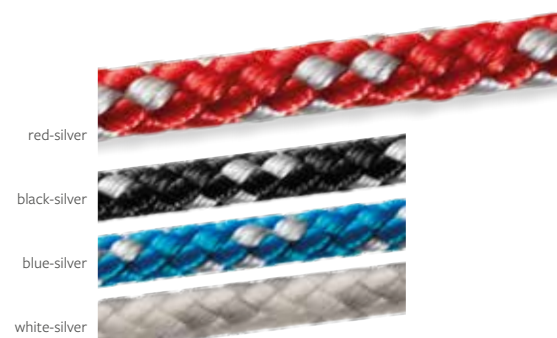


## 8-Plaited Dinghy

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

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

Cover: Polyester Core: Polyester





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-orange

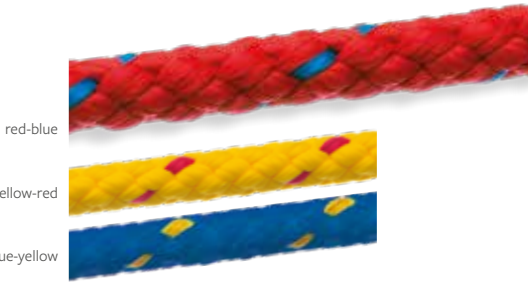
Cross Over

## 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

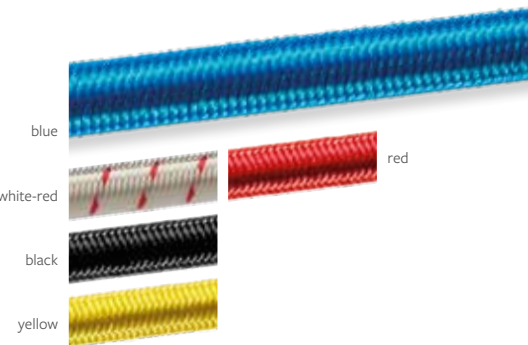
black

## 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



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
Jib Sheet (Star)	7154323	PES/Technora/Dyneema®	1,0	10,0	1,0	4,5	7,0	4,5	silver-red-black
Jib Sheet (H-Boat)	7154575	PES/Technora/Dyneema®	6,0	1,0	6,0	8,0	5,0	8,0	silver-red-black
Spi-Sheet 8m	7153682	PES/Dyneema® SK78	1,0	2,0	5,0	5,0	8,0	5,0	red-silver
Cat Sheet 16m	7157457	PES	10,0	6,0		9,5	6,5		blue-silver
Spi Sheet (Yngling)	7154576	PES/Dyneema®	8,0	8,0	8,0	5,0	7,0	5,0	white-blue
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)	7154570	PES/Technora®/UHMWPE	3,5	7,5		4,5	8,0		red-black-white
Opti Main Sheet	7150296	PES	1,5	2,5	3,0	6,5	9,0	6,5	white-black
Opti Mainsheet High Tech	7154573	PES/Technora®	1,5	2,5	3,0	6,5	9,0	6,5	silver-blue-black
Opti Mainsheet	7157818	Polyester	1,5	2,5	3,0	6,5	9,0	6,5	blue-silver
Opti Mainsheet	7157408	Polyester/XLF	1,5	2,5	3,0	6,5	9,0	6,5	red-silver





# 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	
10	200	2190	60	navy-red black 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	
12	150	3100	112	white black 7181550 7182106
14	100	3750	142	7181551 7182110
16	150	4700	159	7181552 7182112

Material: Polyester

## Rio

Ankerleine  
Anchoring  
Ankring

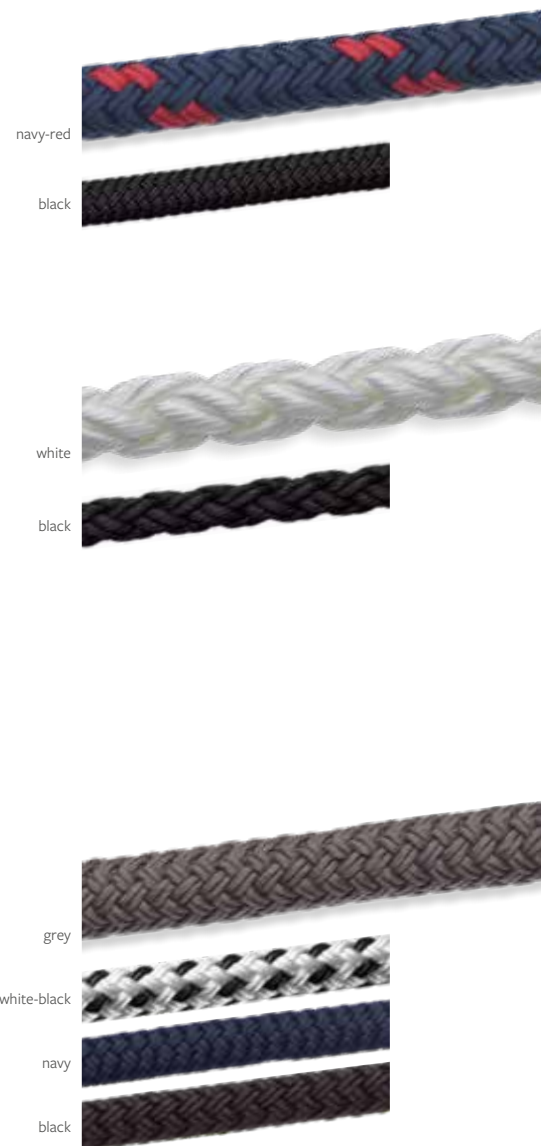
Festmacher  
Dock Line  
Fortøjning

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	
8	200	1400	42	white-black navy black grey 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 mm	Length m	MBL daN	Weight g/m	Color/Item no.		
				white	navy	black
6	200	750	24	7182374	7182381	-
8	200	1200	43	7182375	7182382	-
10	200	1950	68	7182376	7182383	7182388
12	150	2700	94	7182377	7182384	7182389
14	100	3900	133	7182378	7182385	7182390
16	70	4600	163	7182379	7182386	7182391
18	70	5700	212	7182380	7182387	7182392
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*	-

Material: Polyester

\* on request

Festmacher  
Dock Line  
Fortøjning

## Cormoran

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

Ø mm	Length m	MBL daN	Weight g/m	Color/Item no.		
				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

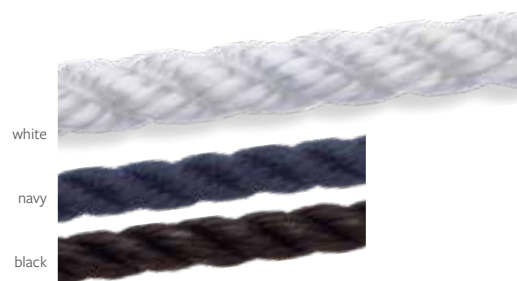
\* on request

## 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 mm	Length m	MBL daN	Weight g/m	Color/Item no.	
				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, time-consuming 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	7182393	7182399	7182405
10	6	7182394	7182400	7182406
10	10	7182395	7182401	7182407
12	4	7182396	7182402	7182408
12	6	7182397	7182403	7182409
12	10	7182398	7182404	7182410



## Rapallo/Eye 350 mm

Ø mm	Length m	Color/Item no.		
		white	navy	black
14	4	7182411	7182417	7182423
14	6	7182412	7182418	7182424
14	10	7182413	7182419	7182425
16	4	7182414	7182420	7182426
16	6	7182415	7182421	7182427
16	10	7182416	7182422	7182428



## Rapallo/Thimble: plastic material

Ø mm	Length m	Color/Item no.	
		white	navy
8	40,0	7182429	-
10	2,5	7182430	7182441
10	4,0	7182431	7182442
10	40,0	7182432	-
12	2,5	7182433	7182443
12	4,0	7182434	7182444
12	40,0	7182435	-
14	2,5	7182436	7182445
14	4,0	7182437	7182446
14	40,0	7182438	-
16	4,0	7182439	7182447
16	40,0	7182440	-

\* on request



## Rapallo/Thimble: stainless steel

Ø mm	Length m	Color/Item no.
		white
8	20	7182448
8	30	7182449
10	20	7182450
10	30	7182451
12	30	7182452
14	30	7182453

\* 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 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	-



## 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	



## Twisted Fenderlines/Eye 40 mm

Ø mm	Length m	Color/Item no.	
		white	navy
6	1,5	7182454	7182459
6	2,0	7182455	7182460
8	1,5	7182456	7182461
8	2,0	7182457	7182462
10	2,0	7182458	7182463

2 pcs/set



## 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/Thimble: stainless steel

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



## 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



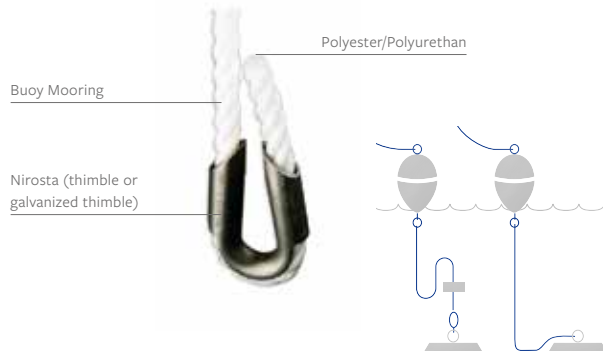
Ankerleine  
Anchoring  
Ankring

## Buoy Mooring Line

The fastening system for mooring lines. The technology of the Buoy Mooring Line has a decisive advantage over conventional anchor chains. Thanks to the special coating, the Buoy Mooring Line is insensitive to algae and mussel growth.

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	Buoy Mooring Line
20	110	5.700	285	7151800
24	110	7.000	325	7157709
32	110	13.500	583	7157153

\*coil



Ankerleine  
Anchoring  
Ankring

## 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



Ankerleine  
Anchoring  
Ankring

## 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





Festmacher  
Dock Line  
Fortøjning

## 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.

Festmacher  
Dock Line  
Fortøjning

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	black navy
12	6	2700	67	7152917 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	black
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	black
10	4 Stk. 4 m/2 Stk. 10 m	250	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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
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

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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
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



## Spunflex

Schot  
Sheet  
Ecoute

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

## 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 7151582
5	200	850	20	7151585
6	200	1150	27	7151577
8	200	1800	49	7151578
10	200	2800	71	7151579
12	150	3800	103	7151580
14	100	5000	140	7151581

Cover: Polyester Core: Polyester

Cross  
Over

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 mm	Length m	MBL daN	Weight g/m	Color/Item no.	
				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: Rubber

\*on request



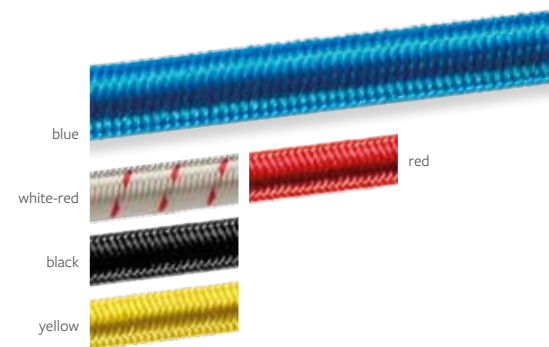
## Shock Cord

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 mm	Length m	MBL daN	Weight g/m	Color/Item no.				
				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: Rubber

\*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.

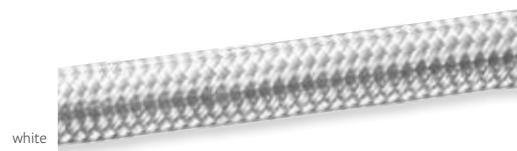
## GFL – Gennaker Furler Line

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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	white
8	200	4000	58	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



white

## Rapallo Boltrope

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

Ø	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	white
6	200	750	24	7182464
8	200	1200	43	7182465
10	200	1950	68	7182466
12	150	2700	94	7182467

**Material:** Polyester



white

## 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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	white
3	200	150	7	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



white

## 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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	white
5	200	400	11	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



white

## 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	navy-silver	white-yellow-red
1,7	250	130	2	7159110	7159121	7150874
2,5	250	300	5	7159111	7159122	7150875
3	200	500	7	7159112	7159123	7150876
4	200	700	11	7159113	7159124	7150877
5	200	1000	16	7159114	7159125	7150878
6	200	1600	23	7159115	7159126	7150873

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	620	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	183	-	13	C1930-04-00600	
small	183	-	19	C1930-06-00600	
medium	183	-	25	C1930-08-00600	

Cover: Dyneema®

\*on request



anthracite



white

## 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



white-red

## 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



grey

# 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	
0,9	50	55	0,9	farbig sortiert (red-silver, lime-silver) 7150869
1	15	60	1	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	red blue green black farbig sortiert
3	20	150	4	7150179 7150182 7150128 7150185 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	red navy neon-yellow neongreen purple pink black assorted colors
2	30	70	3	7182003 7182004 7158130 7158129 7158131 7158132 7182007 7182009 *1
3	15	150	6	7182005 7182006 7158159 7158160 7158161 7158162 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	traditional
3	15	120	5	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	white
1	50	25	1	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 mm	Length m	Color/Item no.			
		white	blue	red	black
1	50	7154091	7150228	7150225	7154743

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 mm	Length m	Color/Item no.
		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 mm	Length m	Color/Item no.						
		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 mm	Length m	Color/Item no.		
		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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
1	600	40	1	white 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	Length	MBL	Weight	Color/Item no.
mm	m	daN	g/m	
3	200	150	4	red 7150022 7150023
4	200	280	7	7150027 7150028
5	200	450	13	7150201 7150203* 7150204*
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.	plastic card 20m	plastic card 50m
3	500	100	3	white 7153001	7153091	7153090
4	500	200	5,4	7153002	7153097	7153092
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





# Flying Lines 8-braid



## Tarifa

The Tarifa line is a must for every kiter who is keen on value for money.



Product name	Ø mm	MBL daN	Spool m	Art no.	
Tarifa FL-340T	1.40	340	1,000	7154629	7154630



## Tarifa minispools

Product name	Ø mm	MBL daN	Spool m	Art no.	
Tarifa FL-340T minispool*	1.40	340	60	7154462	7154464

\*All minispools come in usable packaging consisting of 12 spools, sellable at the POS.



## Garda

The Garda line is for true professionals. The 8-braid with Dyneema® SK99 is advanced in terms of elongation, breaking load and shrinking.



Product name	Ø mm	MBL daN	Spool m	Art no.	
Garda FL-299	1.10	290	1,000	7154621	7154622
Garda FL-389	1.40	380	1,000	7154623	7154624



## Garda minispools

Product name	Ø mm	MBL daN	Spool m	Art no.	
Garda FL-299 minispool*	1.10	290	60	7154446	7154448
Garda FL-389 minispool*	1.40	380	60	7154452	7154450

\*All minispools come in usable packaging consisting of 12 spools, sellable at the POS.



# Flying Lines 12-braid



## Capetown

This is the basic series among the 12-braid lines. Easy to splice but with high durability due to the Dyneema® SK78 fiber.

Product name	Ø mm	MBL daN	Spool m	Art no. red	grey
Capetown FL-400	1.70	400	1,000	7154631	7154632
Capetown FL-500	1.80	500	1,000	7154635	7154636
Capetown FL-610	2.20	610	1,000	7154637	7154638



## Capetown minispools

Product name	Ø mm	MBL daN	Spool m	Art no. red	grey
Capetown FL-400 minispool*	1.70	400	60	7154468	7154466
Capetown FL-500 minispool*	1.80	500	30	7154470	7154472
Capetown FL-610 minispool*	2.20	610	30	7154474	7154476

\*All minispools come in usable packaging consisting of 12 spools, sellable at the POS.



## Maui



Maui lines are the true superstars among the kitenline assortment. Easy to splice due to 12-braid technology, with a high breaking load and low elongation due to the Dyneema® SK99 fiber. In comparison to Dyneema® SK78 products, a smaller diameter at same breaking load is possible without compromising on safety.

Product name	Ø mm	MBL daN	Spool m	Art no. red	grey
Maui FL-389	1.30	380	1,000	7154625	7154626
Maui FL-509	1.70	500	1,000	7154627	7154628



## Maui minispools

Product name	Ø mm	MBL daN	Spool m	Art no. red	grey
Maui FL-389 minispool*	1.30	380	60	7154454	7154456
Maui FL-509 minispool*	1.70	500	30	7154458	7154460

\*All minispools come in usable packaging consisting of 12 spools, sellable at the POS.



# Line Types

## Depower Line

This kind of line needs special braiding and coating technology in order to ensure maximum wear resistance. When it comes to coating technology, Single Yarn Impregnation (SY) can be distinguished from the normal impregnation procedure. With SY every single yarn is separately impregnated and therefore shows better resistance to abrasion. With normal impregnation, a special coating recipe is used.

Product name	Ø mm	MBL daN	Spool m	Art no.	grey-white	darkgrey
DPL-1600SY	4.80	1,600	200	7153582	-	-
DPL-2200	4.70	2,200	200	-	-	7153549



## Leader Line



For this type of line an especially smooth coating was developed in order to avoid injuries in case of an encounter between the bar and the rider. In order to cater to the demands of a broader spectrum of users, a slightly thinner line with lower breaking load for non-professionals was developed as well as one with a higher breaking load to satisfy the standards of a pro-rider.

Product name	Ø mm	MBL daN	Spool m	Art no.	red	grey
OL-500	2.50	500	500	7151278	-	7150472
OL-965	2.70	965	500	7151232	-	7151231



## Safety Line



Depending on the kite bar, safety lines can have different dimensions. Due to the Robline expertise, Ocean 3000 provides every bar safety mechanism place for its own line.

Product name	Ø mm	MBL daN	Spool m	Art no.	red	blue	grey
Ocean 3000	2.00	400	200	7153303	-	7153304	7153306
Ocean 3000	2.50	500	200	7153307	-	7153308	7153310
Ocean 3000	3.00	800	200	7153311	-	7153312	7153314
Ocean 3000	4.00	1,600	200	7153315	-	7153316	7153318
Ocean 3000	5.00	2,300	200	7153319	-	7153320	7153322
Ocean 3000	6.00	3,200	200	7153323	-	7153324	7153326



## Polyester Sleeve

This Polyester Sleeve was developed to fit the most common Robline Flying lines for the purpose of protective splices and end terminations.

Product name	Ø mm	Spool m	Art no.	red	grey
Polyester Sleeve	2.50	200	7154597	-	7154598



# Accessories

## Soft Shackle Ocean

Größe	Length mm	MBL daN	Color/Item no.	
				grey
XS	50	700		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		Ø	Color/Item no.
	m	mm		
Leine	100	7		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 microserration 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



## Polo Shirt

High quality branded polo shirt with subtle ROBLINE embroidery.

Item	Art.Nr.
Polo Shirt white	7999941
Polo Shirt navyblue	7999935



## Stickers

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

Item	Art.Nr.
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

## 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



# Fiber Types

## Overview

### ► Monofilaments

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

## 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.

### ► 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.

### ► 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 <sup>2</sup>	Specific gravity kg/dm <sup>3</sup>	Water absorption %	Resistance to sunlight	Elongation at workload %	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

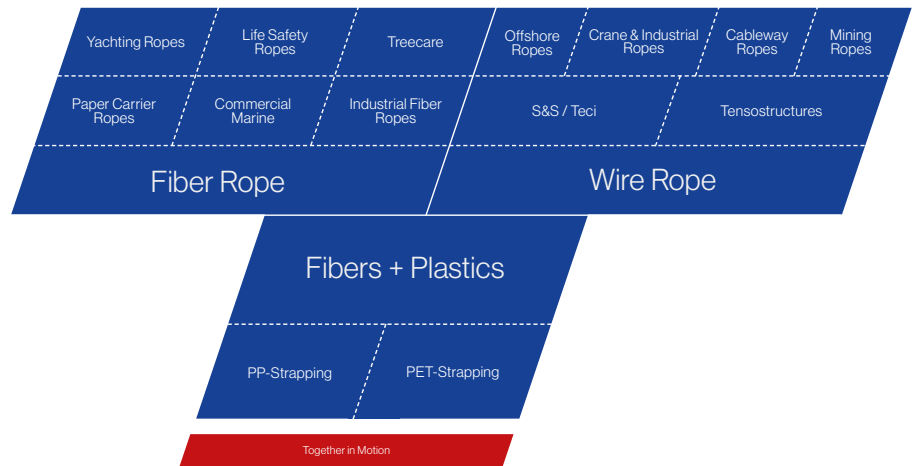


# Expertise from more than 225 years of experience

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.

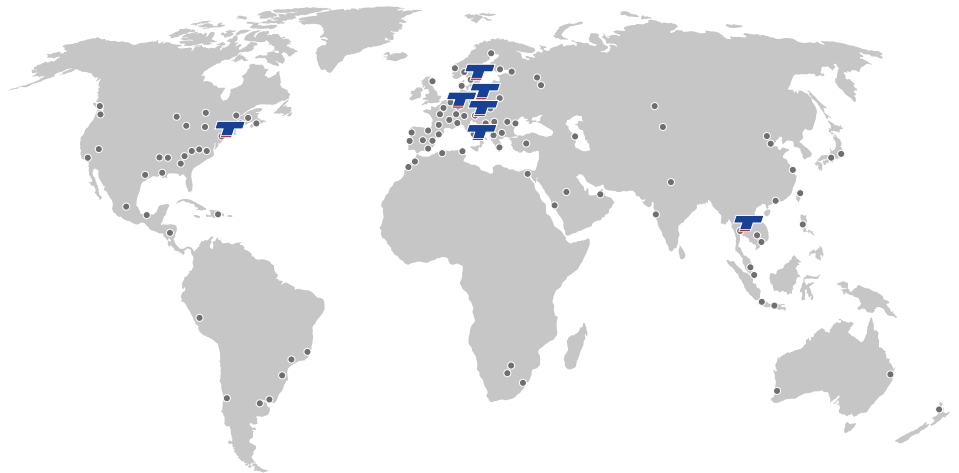
## Great diversity

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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# Information about product specifications



## Product nomenclature

Ø	Length	MBL	Weight	Color/Item no.				
mm	m	daN	g/m	grey-red	green-neon-green-grey	black-grey-anthracite	blue-grau-anthracite	navy-pink
6	200	2.200	25	0713	3405	3415	3614	1572

**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

**Fall Halyard Fald** **HALYARD**  
This line is ideally suited for use as a halyard.

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

**Cross Over** **CROSSOVER**  
This line is suited for use as both a halyard and a sheet.

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

**Festmacher Dock Line Fortstajning** **MOORING LINE**  
This line is suited for mooring all kinds of boats.

**Ankerleine Anchoring Ankring** **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

## 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

\*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.

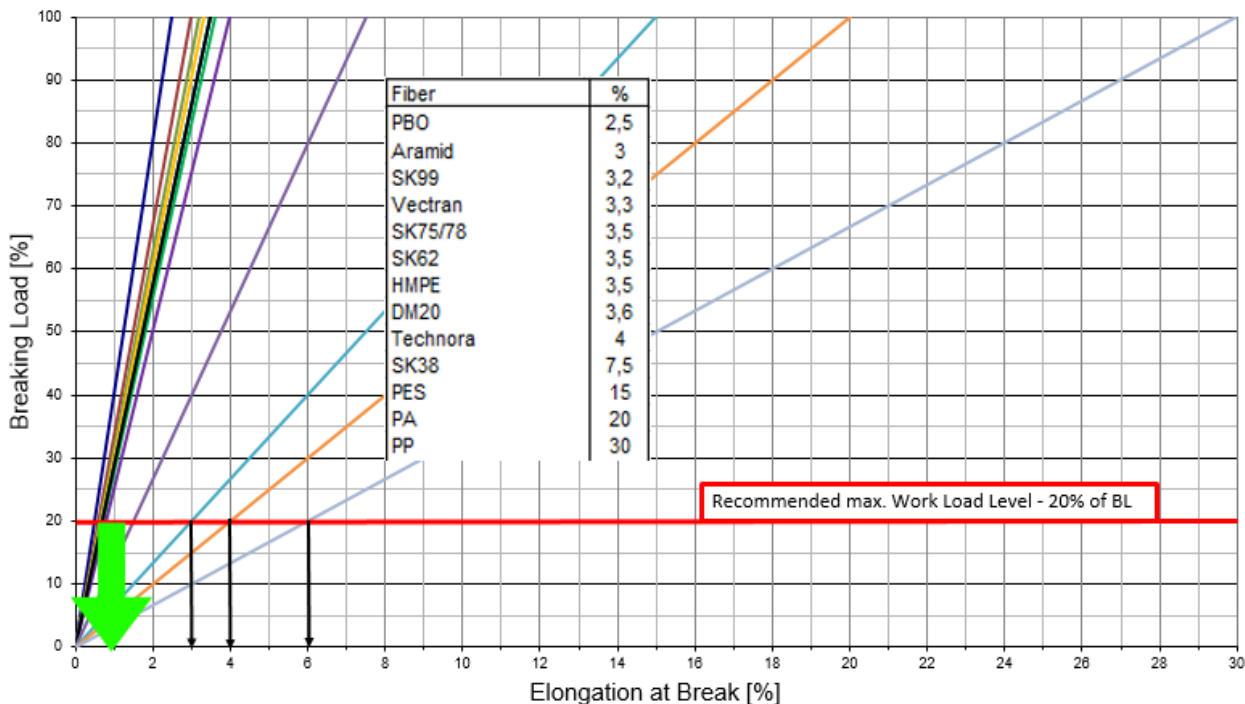
### ⚠ WARNING

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.

# Elongation

The following diagram shows the elongation as a function of the applied load for a number of fibers that are common in Robline ropes. In general, one speaks of work load at 20% of the breaking load specified in the catalog. This red line is intended to clarify which elongation values the different fibers show under working load compared to full utilization of the breaking load. If you look closely at this diagram, you can draw the conclusion that all high-tech fibers used by Robline exhibit less than 2% elongation when used under normal working loads. Only conventional polyester, polyamide and polypropylene stretch more, which in turn can be an advantage in certain applications.

Breaking Load vs Elongation at Break - Fiber Properties



# How to choose the right product?

- ▶ Pre Definitions: size of Clutches/Jammers (Ropeclamp)
  - size of Blocks
  - size of Selftailing head on winch (Selftailing-Attachement) on the winch
- ▶ Define maximum working load
- ▶ Use rope that „consumes“ only (max.) 20% of available tensile strength

	Elongation (%)	Elongation (cm)
GP	below 0,3	<6
High Tech	0,3 - 1	20
Cruising	2-3	40-60



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