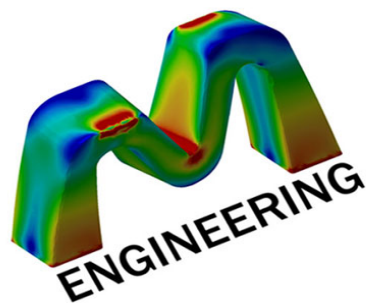




FSE ROBLINE

WORLD CLASS YACHTING ROPES



Phantom

FSE ROBLINE
WORLD CLASS YACHTING ROPES

KARVER
sailing experience

DECK GEAR SPECIALIST
RUNNING & STANDING RIGGING
PROJECT MANAGEMENT
YACHT MANAGEMENT
ENGINEERING

Marko Novak S. P.
Podgrajska cesta 1d, 1000 Ljubljana, Slovenia
GSM: +386 41 21 31 24
e-mail: marko.novak@m-engineering.org
web: www.m-engineering.org, www.msailing.eu

FSE ROBLINE
WORLD CLASS YACHTING ROPES



→ NIKO DELLE KARTH

Currently, I work as:
a sailor. I have been sailing with Niko Resch since 1998.

My favorite hobbies and pastimes are:
sailing, kiting, skiing

How did you get into sailing?
My father got me interested in it.

What do you like most about sailing?
Being close to nature, the battle with the elements.

Why have you chosen FSE Robline ropes?
Because they are the best worldwide.

What makes FSE Robline ropes so special?
Their quality. They have the right product for any type of use. Their development department is eager to listen to what the sailors have to say and is good at translating their feedback into improved products.

What is important to you when it comes to Racing lines?
Abrasion strength, grip, low stretch.

What was your best sailing experience?
That's a difficult one... I think that was when I

was only 16, in January 2001 in Sydney, at the Junior World Championships. At that time, you could still feel the aura of the Olympic Games.

What are the three things that you would take with you to a deserted island?
My „moth“, a fishing rod, sunglasses.

In 20 years, I will:
have sailed around the world at least once.

I would like to spend a day with this celebrity: the Dalai Lama.

Which is your favorite product from FSE Robline's Dinghy series?
The Dinghy Star Pro.



DINGHY

Whether for sheets or halyards - when sailing on dinghies what counts are the ropes' handling and their breaking loads. In close cooperation with our partners from the pro sailing scene, we have developed ropes that stand out due to their performance - at the Olympic Games, World Championships, and national regattas.



CROSS
OVER

DINGHY STAR PRO



Our top-of-the-line dinghy rope – developed and produced without compromises

This product was developed without compromises, contains only the very best raw materials, and lives up to the latest manufacturing standards. Our aim was to take our dinghy ropes to another level, something we have definitely accomplished in the form of Dinghy Star Pro. By using Dyneema® SK90 fibers in the core, we obtained extremely high breaking load values in the core, combined with zero

Ø mm	m	daN	g/m	white-brown
4	100	800	11	2667
5	100	1300	16	2668
6	100	1900	23	2669



HIGHLIGHTS

- HIGHEST BREAKING LOAD
- REDUCED ABRASION

creep – simply perfect! Its cover made of PBO/Dyneema® SK75 makes Dinghy Star Pro extremely resistant to abrasion and UV. The grippiness of the PBO used for the cover makes this rope grippier, further improving its functionality, especially when it is used as spi halyard. Dinghy Star Pro is a must-have for every regatta racer.

CROSS
OVER

DINGHY STAR

NEW
PRODUCT



The high-tech line for discerning regatta racers

Dinghy Star's core is composed of Dyneema® SK78 fibers. Its cover consists of a unique Dyneema® SK75/Technora/XLF mix that produces particularly homogenous characteristics.

Ø mm	m	daN	g/m	blue	yellow	red
4	100	600	9,5	3490	3493	3496
5	100	1100	15	3491	3494	3497
6	100	1650	22	3492	3495	3498
8	100	3300	39	3500	3501	3499



Its unprecedented combination of various raw materials makes Dinghy Star an exceptional product, whether as spi sheet or as halyard.

CROSS
OVER

DINGHY VECTRAN®



Top performance for ambitious sailors

Its Polyester cover makes Dinghy Vectran® extremely abrasion-resistant. Double protection is provided for its Vectran® core: together with the cover, the special impregnation developed by FSE Robline

Ø mm	m	daN	g/m	neon-orange	neon-green	red	navy
2	100	180	3	2976	2975	2977	2978
3	100	450	8	2980	2979	2981	2982
4	100	800	13	2984	2983	2985	2986
6	100	1800	28	2988	2987	2989	2990



protects the core against harmful UV radiation and abrasion and ensures good adhesion between core and cover. Thanks to the coating, it is also possible to strip the cover without incurring any risks.



Ø mm	m	daN	g/m	anthracite
2	200	600	2,7	2853
3	200	1200	5,5	2854
4	200	2000	9,6	2855
5	200	2900	13,9	2856
6	200	4000	21,4	2857

HIGHLIGHTS

- MINIMUM CREEP
- HIGHEST STRENGTH
- HIGHEST BREAKING LOAD

Single braid of Dyneema® SK90

The use of Dyneema® SK90 is what sets this top-notch product apart. As a result of the impregnation specifically developed by FSE Robline, abrasion and UV radiation do not pose problems for Ocean 7000. The rope's other advantages include most of all its enormous breaking loads in combination with its low weight, and the minimized creep of Dyneema® SK 90 raw material.



Ø mm	m	daN	g/m	red	green	blue
6	200	1100	20	2345	2353	2349
8	200	1900	33	2346	2354	2350
9	200	2400	39	2347	2355	2351
10	200	2900	48	2348	2356	2352

Racing Sheet PRO for more stability in cleats

Racing Sheet Pro is the outcome of FSE Robline's continued development efforts. Made of a mix of impregnated Dyneema® and XLF, the core provides even greater stability in the cleats and allows sail-

lors to use Racing Sheet Pro even in its stripped state. The cover made of a Polyamide/Dyneema® weave makes this sheet abrasion resistant and gives it good grip and excellent stretch performance.



Ø mm	m	daN	g/m	blue	grey	red
4	200	500	7	7889	7891	2388
5	200	700	12	7894	7896	2389
6	200	1100	18	7899	7901	2390
7	200	1400	24	8686	8688	2391
8	200	1900	31	7904	7906	2392
9	200	2400	38	7909	7911	2393
10	200	2900	48	7914	7916	2394

A fantastic sheet for all dinghy classes

Racing Sheet is the sheet of choice of Olympic gold medalists, World and European champions. Developed in partnerships with several top sailing pros, Racing Sheet combines all features required of high-performance ropes.

Racing Sheet consists of a hollow weave made of a special type of Polyamide and Dyneema® SK75. This combination gives the sheet excellent abrasion resistance and fantastic stretch values coupled with great grip - even when the sheet is wet.







TRIM
TRIM
TRIM

8-PLAITED DINGHY PRO



The successor of 8-Plaited Dinghy

8-Plaited Dinghy Pro is the result of continued development efforts. This becomes particularly noticeable in this rope's exceptional grip which makes it easier to control. In addition, 8-Plaited Dinghy Pro offers better stability in the cleats. The proven benefits of 8-Plaited Dinghy such as compactness, dimensional stability, and minimal absorption of water were of course maintained.

Ø mm	m	daN	g/m	red-grey	blue-grey	black-grey
4	100	390	14,7	2838	2839	2840
5	100	560	20,2	2841	2842	2843
6	100	820	31,1	2844	2845	2846



HIGHLIGHTS

EXCELLENT GRIP

- HIGH ABRASION RESISTANCE
- MINIMUM WATER ABSORPTION

TRIM
TRIM
TRIM

8-PLAITED DINGHY



The jack of all trades – a pre-stretched Polyester rope for a variety of uses

8-Plaited Dinghy is used in tackles and tackle blocks. However,

Ø mm	m	daN	g/m	red-silver	black-silver	blue-silver	white-silver
4	100	390	13	9661	9664	9662	9663
5	100	560	21	9666	9669	9667	9668
6	100	820	30	9671	9674	9672	9673



it can also be used as a leech line. Its main benefits are its compactness, dimensional stability, and minimal water absorption.

CROSS
OVER

DINGHY CONTROL

NEXT
GENERATION



Lightweight for Dinghies

Dinghy Control is made up of a braided Polyester cover and a Dyneema® SK78 core featuring FSE Robline's impregnation.

Ø mm	m	daN	g/m	white-orange	white-purple	white-red	white-blue	white-green	white-yellow
1,7	100	150	2	9445	9446	2124	2129	2134	2139
3	100	450	7	8117	8120	2125	2130	2135	2140
4	100	700	11	8121	8122	2126	2131	2136	2141
5	100	1200	16	8123	8124	2127	2132	2137	2142
6	100	1650	23	8125	8126	2128	2133	2138	2143

Ø 1,7-4mm

Ø 5-6mm



This high quality design makes it suitable for use in the stripped state and a great rope for regatta racing. A compelling combination!

CROSS
OVER

SHEET
SHEET
ECOUTE

DINGHY LIGHT



The lightweight among dinghy sheets

Dinghy Light is a rope made of an 8-plait XLF core and a 32-plait cover. It is used wherever low water absorption is crucial, making it

Ø mm	m	daN	g/m	black-yellow	red-yellow	red-yellow
4	100	250	8	9694	9688	9691
6	100	500	16,4	9695	9689	9692
8	100	850	29	9696	9690	9693



particularly well suited for use as a lightweight spinnaker sheet.

DINGHY SHEET

SCHOT
SHEET
ECOUTE

Ø mm	m	daN	g/m	red-anthracite	black-anthracite
6	200	425	19	2970	2971
7	200	600	32	9032	2972
8	200	750	40	2973	2974



This kink-free sheet is the choice 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.

NEXT
GENERATION

TAPERED SHEET 3000

FALL
HALYARD
FALDSCHOT
SHEET
ECOUTE

Ø mm	m	daN	g/m	red	blue	green
7	200	1200	30	2100	2104	2102
9	200	1600	48	2101	2105	2103



Double taperable Dyneema® sheet

Tapered Dyneema® features two high quality Polyester covers and an impregnated Dyneema® SK78 core. This design enables double tapering of the sheet and makes it the ideal rope for a variety of applications. Its 16-plait soft Polyester cover makes Tapered Dyneema® soft

and grippy. Its second cover guarantees abrasion resistance and compactness. The impregnation of the Dyneema® SK78 core provides additional protection against abrasion.

SATURN

FALL
HALYARD
FALD

Ø mm	m	daN	g/m	white
4	200	450	13	1158
5	200	680	19	1689
6	200	1000	27	1692
8	200	1300	46	1139
10	200	2350	70	1696



The classic for dinghies

A laid 3-strand PES rope, this classic can be found aboard a great number of dinghies and keel boats. Saturn is mostly used as

halyard. Splicing it to a wire rope foresheet is easy.

ALBATROS

TRIMM
TRIM
TRIMSCHOT
SHEET
ECOUTE

Ø mm	m	daN	g/m	red-blue	yellow-red
6	200	350	14	3014	3077
8	200	650	24	3080	3081
10	200	900	38	3110	3109



Buoyant light-wind sheet

Albatros consists of an XLF 8-plait weave and stands for floatability, lightness, and signal colors. It is used mainly as a light-wind sheet

or safety rope. Albatros is floatable, and its round shape makes it easy to handle.



WHY TAPERED ROPES?

Like all of FSE Robline's other products, our range of „tapered ropes“ stands out due to their top performing characteristics.

These include, for example, ultimate abrasion resistance, extra low stretch, and the use of high quality raw and finished materials obtained from select suppliers. For the new season, we

have upgraded our entire product portfolio by relying on novel materials. This translates into improved handling and an attractive design.



OVERVIEW TAPERED ROPES

Field of application	Article-No.	Material	Length			Diameter			Colour
Opti Main Sheet 7 m	7818	PES	1,5	2,5	3	6,5	9	6,5	navy/silver
Opti Main Sheet 7 m	7408	XLF	1,5	2,5	3	6,5	9	6,5	red/silver
Spi-Sheet 11 m (420)	7583	PES/Dyneema® SK78	3,1	4,8	3,1	4	6	4	green/silver
Spi-Sheet 18 m (470)	7584	PES/Dyneema® SK78	4,5	9	4,5	4	6	4	red/silver
Cat Sheet 16 m	7457	PES	10	6		9,5	6,5		navy/silver
Spi-Sheet 18 m (H-Boat)	7466	PES/Dyneema® SK78	7,5	10,5		5	8		green/silver
Spi-Sheet 18 m (H-Boat)	7474	PES/Dyneema® SK78	7,5	10,5		5	8		red/silver
Spi-Sheet 20 m (Dragon)	7472	PES/Dyneema® SK78	7	13		5,2	8,3		green/silver
Spi-Sheet 20 m (Dragon)	7471	PES/Dyneema® SK78	7	13		5,2	8,3		red/silver
Spi-Sheet endless	7483	PES/Dyneema® SK78	10	13	10	6	9	6	navy/silver
Generic Tapered Sheet 20 m	8135	PES/Dyneema® SK78	10	10		4	6		green/silver
Generic Tapered Sheet 20 m	8139	PES/Dyneema® SK78	10	10		4	6		red/silver
Generic Tapered Sheet 24 m	8136	PES/Dyneema® SK78	12	12		6	9		green/silver
Generic Tapered Sheet 24 m	8140	PES/Dyneema® SK78	12	12		6	9		red/silver
Generic Tapered Sheet 30 m	7541	PES/Dyneema® SK78	15	15		10	7		green/silver
Generic Tapered Sheet 30 m	7542	PES/Dyneema® SK78	15	15		10	7		red/silver
Generic Tapered Sheet 36 m	8138	PES/Dyneema® SK78	18	18		8	12		green/silver
Generic Tapered Sheet 36 m	8158	PES/Dyneema® SK78	18	18		8	12		red/silver

Using our machine-tapered ropes gives you the winning edge:

- professional machine-tapering with even transitions
- reduced weight of the yachting ropes
- strength where it matters
- improved handling
- smaller rope diameters generate less friction in blocks/halyard pulleys, minimizing the required physical effort
- less rope chaos on board

These benefits might just make the difference for you to claim victory! So there are plenty of reasons why you should never set sail without tapered ropes made by FSE Robline.

Design

Mix of Dyneema® SK78 with PA/PES yarn for high loads, low stretch, and excellent grip.



