NEW LINES FOR YACHTING

Lanex YACHTING

SAILORS FOR SAILORS

SAILORS FOR SAILORS

Our lines are made with a love of yachting, the sea and with respect for nature.

We recycle hundreds of tons of polymers a year and add them to our newly created lines. We use the most ecological materials possible.

Lead and other sea pollutants will not be found in our portfolio of lines.

We are among the 10 largest line manufacturers in the world. The line manufacturing tradition of Lanex goes back to 1949.

We are a team of salespeople and developers, but the majority of us are yachtsmen. Together with testers and ambassadors we develop yachting lines – Sailors for Sailors.

Among the fans of the Lanex Yachting brand are Olympic racers, Expedition sailors that sail in the most difficult conditions. Recreational sailors select the Lanex yachting brand for their sailboats too.

Yachting unites us all.

Sincerely,

Vojtěch Eliáš
Product manager

NEW LINES FOR YACHTING

SAILORS FOR SAILORS

Michal Krysta

Czech Republic

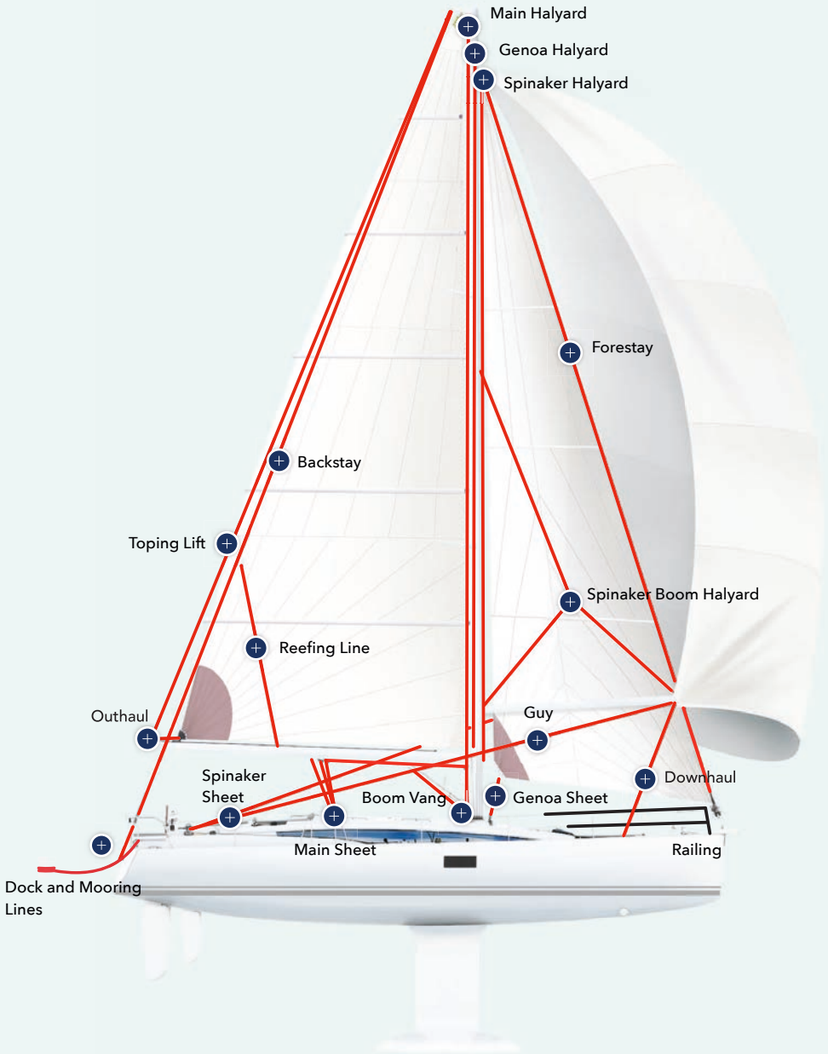
From Kayak to Globe 5.80 Transat

I remember when I was 6 sitting on a boat for the first time. It was a small kayak and I knew what it was like to sail on the water. For the first time, I felt the force of the current and wind that took me to the other shore. The wooden paddle I held had two blue plastic blades. Left, right and the ship was moving. I sailed and felt the freedom, liberty and power that movement brought me. I paddle until I have blisters on my hands and when I pulled the kayak out of the water at sunset. That's when the water became my passion.

This is how it all started, and many years later I have had many successes to my credit. Such as sailing across Finland's largest lake Saimaa, 6th place in the ČNR (Czech Nautical Rally), 3rd place in the May Regatta and second place Globe Transat 5.80 2021.

Lines

Performance



Main Halyard
· DF 2
· DF 3
· D-race
· Levante
· Mistral
· Dyneforce*

Genoa Halyard
· D-race
· Levante
· Mistral
· Dyneforce*

Spinaker Halyard
· D-race
· Levante
· Mistral
· Dyneforce*

Spinaker Boom Halyard
· Levante
· Mistral

Genoa Sheet
· Dynestorm
· Zero plus
· Mistral*

Main sheet
· Dynestorm
· Zero plus

Spinaker Sheet
· Dynestorm
· Mistral*

Guy
· Dynestorm
· Mistral*

Backstay/ Running backstay
· DF 20
· Dyneforce

Forestay
· DF 20
· Dyneforce

Cunnigham
· DF 2
· DF 3
· Mistral

Outhaul
· DF 2
· DF 3
· Mistral
· Dynestorm*
· Zero plus*

Boom Vang
· Mistral
· Dynestorm*
· Zero plus*

Toping lift
· DF 2
· DF 3
· Mistral
· Levante*

Downhaul
· Mistral
· Levante*

Reefing line
· Mistral
· Levante*

Railing
· Reflective railing
· DF 3
· DF 2

Dock and Mooring lines
· Laguna
· Eco rope
· Vision
· Flexi dock
· Stormy dock
· Keywest

Anchoring lines
· Eco anchor
· Flexon

*The line is possible to use.

Line elongation

Performance	Elongation by 20% of braking load	Elongation by 50% of BL
DF 20	0,40 %	1,00 %
DF 2	0,60 %	2,00 %
DF 3	0,60 %	2,00 %
Zero Plus	2,00 %	3,20 %
D-Race	2,20 %	3,40 %
Mistral	2,20 %	3,40 %
D-Race	2,20 %	3,40 %
Dynestorm	2,40 %	3,60 %
Levante	2,50 %	3,80 %
Dyneforce	0,40 %	1,00 %

Recommended line´s diameter for Performance

Yacht length	Sheets			Halyards		
	Main	Genoa	Spinnaker	Main	Genoa	Spinnaker
(ft)	(mm)					
20 - 26	7 - 8	8	6 - 8	6 - 8	6 - 8	6 - 8
27 - 30	8	10	8	6 - 8	10	8
30 - 33	10	10	10	8	10	8
34 - 38	10	10	10	10	10	10
38 - 42	10	12	10	10	12	10
42 - 46	12	12	12	10	12	12
46 - 52	12	14	12	12	12	12
53 - 58	14	16	14	14	14	14

DF 2

Core: Dyneema® Bio based SK 78
Construction: Single braided
Spliceability: Very easy

The line is made of the ecological high-strength **Dyneema** material and its **high strength and low weight** make it unique. Double saturated and heat set reduce elongation of the line. Higher UV stability.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
2	1/12	2,5	0,17	420	944
3	1/8	5	0,37	880	1978
4	5/32	9	0,60	1570	3529
5	3/16	17	1,14	2450	6294
6	**1/4**	**23**	**1,55**	**4000**	**8992**
8	**5/16**	**44**	**2,69**	**6900**	**15511**
10	**3/8**	**75**	**4,10**	**10500**	**23604**


GRAY

DF 3

Core: Nexsteel*
Construction: Single braided
Spliceability: Very easy

* Lanex tested and upgraded HMPE

The line is made of high-strength material and its **high strength and low weight** make it unique. The process of triple coating and heat set significantly reduces elongation of the line. Higher UV stability.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
2	1/12	2,2	0,15	400	899
2,5		3,2	0,21	500	1124
3	1/8	4,8	0,32	880	1753
4	5/32	8,8	0,59	1600	3192
5	3/16	14	0,94	2250	5058
6	**1/4**	**20,5**	**1,38**	**3430**	**7711**
8	**5/16**	**33**	**2,21**	**5500**	**12364**
10	**3/8**	**46**	**3,09**	**7800**	**17534**
12	**1/2**	**66**	**4,36**	**11500**	**25852**


BLACK

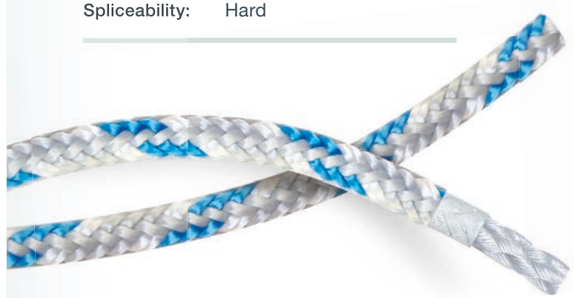

SILVER


ORANGE

D-race

Core: Dyneema® Bio based SK 78
Cover: Polyester
Construction: Double and triple braid
Spliceability: Hard

The line is protected by sturdy cover for longer lifespan. Resistant to abrasion. Low-stretch. High strength. **An ideal choice for sailing in extremely difficult conditions.** The line has passed stress tests in a 70-knot storm, withstood Antarctic temperatures, and handled round-the-world voyages with flying colors.



Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
3	1/8	7	0,47	400	880
4	5/32	10	0,7	750	1650
5	3/16	15	1	1300	2860
6	**1/4**	**28**	**1,9**	**1800**	**3960**
8	**5/16**	**47**	**3,2**	**3300**	**7260**
10	**3/8**	**76**	**5,1**	**5550**	**12210**
12	**1/2**	**97**	**6,5**	**8200**	**18040**
14	**9/16**	**120**	**8,1**	**10200**	**22440**


GRAY


GRAY/BLUE


GRAY/GREEN

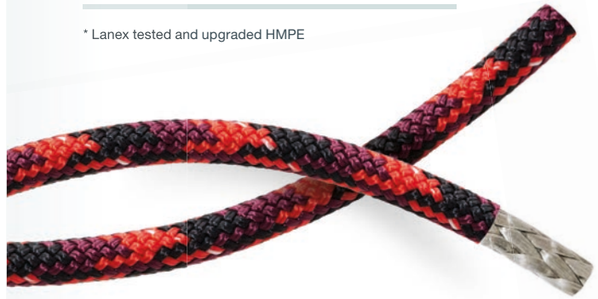

GRAY/RED

Mistral

Core Nexsteel*
Cover: Polyester
Construction: Double braided
Spliceability: Very easy

* Lanex tested and upgraded HMPE

The Mistral line is suitable for all applications. It can be used anywhere on a boat. Resistant to abrasion. Low-stretch. High strength. Cover can be easily removed if it is necessary to reduce the weight of the line.



Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	**1/4**	**24**	**1,6**	**2000**	**4400**
8	**5/16**	**41**	**2,7**	**3000**	**6600**
10	**3/8**	**63**	**4,2**	**3500**	**7700**
12	**1/2**	**81**	**5,4**	**4800**	**10560**


BLUE


RED


GREEN


BEIGE

Halyards

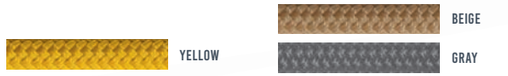
Levante

Core: Nexsteel*
Cover: Polyester
Construction: Double braided
Spliceability: Not suitable

* Lanex tested and upgraded HMPE

The cover protects the line and **increases its lifespan. Resistant to abrasion. Low-stretch. High strength**. The Levante line can be used as a halyard, a topping lift or a reefing line. Suitable for **tying knots**.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
2	1/12	3,9	0,3	210	462
3	1/8	7	0,46	410	902
4	5/32	12,1	0,8	810	1782
5	3/16	18,1	1,2	1000	2200
6	1/4	25	1,7	1800	3960
8	**5/16**	**45**	**3**	**3500**	**7700**
10	**3/8**	**69**	**4,6**	**4100**	**9020**
12	**1/2**	**102**	**6,9**	**5800**	**12760**
14	**9/16**	**115**	**7,7**	**7500**	**16500**


BEIGE

YELLOW

GRAY


NAVY BLUE


BLUE


RED

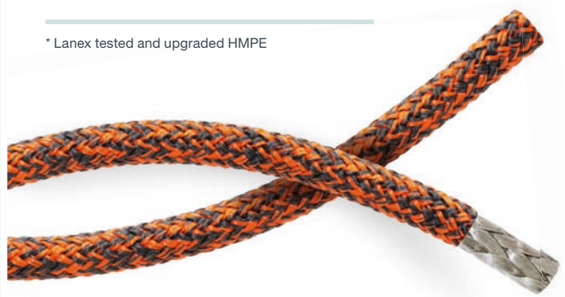

GREEN

Sheets

Zero Plus

Core: Nexsteel*
Cover: Technora with polyester
Construction: Double braided
Spliceability: Very easy

* Lanex tested and upgraded HMPE



Aramid cover increases **resistance to abrasion**. Line is **kink free**. The line is also suitable for use **on electric winches** and for **tapering**. Low-stretch. High strength. The core can be used separately.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	28	1,9	1940	4268
8	5/16	45	3	3000	6600
10	3/8	63	4,2	4300	9460
12	1/2	83	5,6	5900	12980


GREEN/BLACK


NAVY BLUE/GOLD

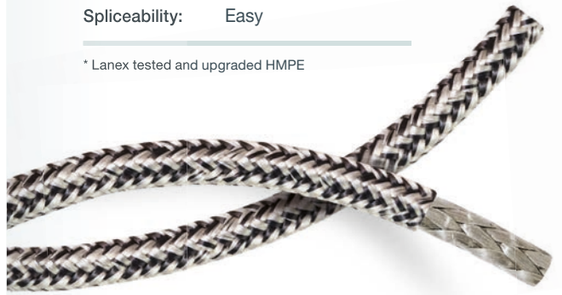

ORANGE/BLACK


BORDEAU/GOLD

Dynestorm

Core: Nexsteel*
Cover: Cordura® with polyester
Construction: Double braided
Spliceability: Easy

* Lanex tested and upgraded HMPE



Excellent grip and handling and increased resistance to abrasion thanks to **tough Cordura cover**. The line **does not slip** in stoppers and winches.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
3	1/8	6	0,4	410	902
4,5	5/32	14	0,9	1100	2420
6	1/6	21	1,4	1660	3652
8	**5/16**	**38**	**2,6**	**3070**	**6754**
10	**3/8**	**63**	**4,2**	**4900**	**10780**
12	**1/2**	**87**	**5,8**	**6000**	**13200**
14	**9/16**	**110**	**7,4**	**8400**	**18480**


BLACK/WHITE


YELLOW/WHITE


BLUE/WHITE


RED/WHITE

Standing rigging

DF 20

Core: Dyneema® DM 20
Construction: Double braided
Spliceability: Very easy

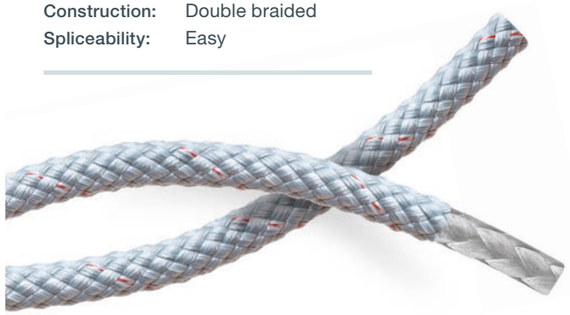
The line is made of high-strength Dyneema material and its **extremely low elongation, zero long-term creep, high strength and low weight** make it unique. Suitable as a **replacement for a steel wire**. Ideal for **long sails**. The line has double saturated and heat set.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
3	1/8	5,3	0,36	1000	2200
4	5/32	8	0,54	1700	3740
5	3/16	16,7	1,12	2900	6380
6	**1/4**	**21**	**1,41**	**4280**	**9621**
8	**5/16**	**42**	**1,61**	**8300**	**18658**
10	**3/8**	**55**	**3,7**	**11000**	**24728**
12	**1/2**	**76,5**	**5,14**	**14480**	**32551**


GRAY

Dyneforce

Core: Dyneema® DM 20
Cover: Polyester
Construction: Double braided
Spliceability: Easy



The line has double saturation and heat set. Moreover, the sturdy cover increases lifespan of the line. Higher resistance to abrasion. High strength. Suitable as a **replacement for a steel wire**. Ideal for **long sails**.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	22	1,5	1700	3740
8	5/16	40	2,7	4280	9621
10	3/8	65	4,4	8300	18658
12	1/2	95	6,4	11000	24278
14	9/16	130	8,7	14480	32251

GRAY

BEIGE

BLACK

Recommendations

Although the lines are made of modern materials, they gradually age and degrade due to UV radiation.

We recommend replacing the line after 4 years, but at least once every 5 years.

TIP

Soft shackle is an ideal replacement for steel carabiners. It is lighter, stronger and does not open in the least convenient moment possible.

Cunnigham
· DF 2
· DF 3
· Mistral

Reefing line
· Mistral
· Levante*

Outhaul
· DF 2
· DF 3
· Mistral
· Dynestorm*
· Zero plus*

Toping lift
· DF 2
· DF 3
· Mistral
· Levante*

Boom Vang
· Mistral
· Dynestorm*
· Zero plus*

Downhaul
· Mistral
· Levante*

*The line is possible to use.

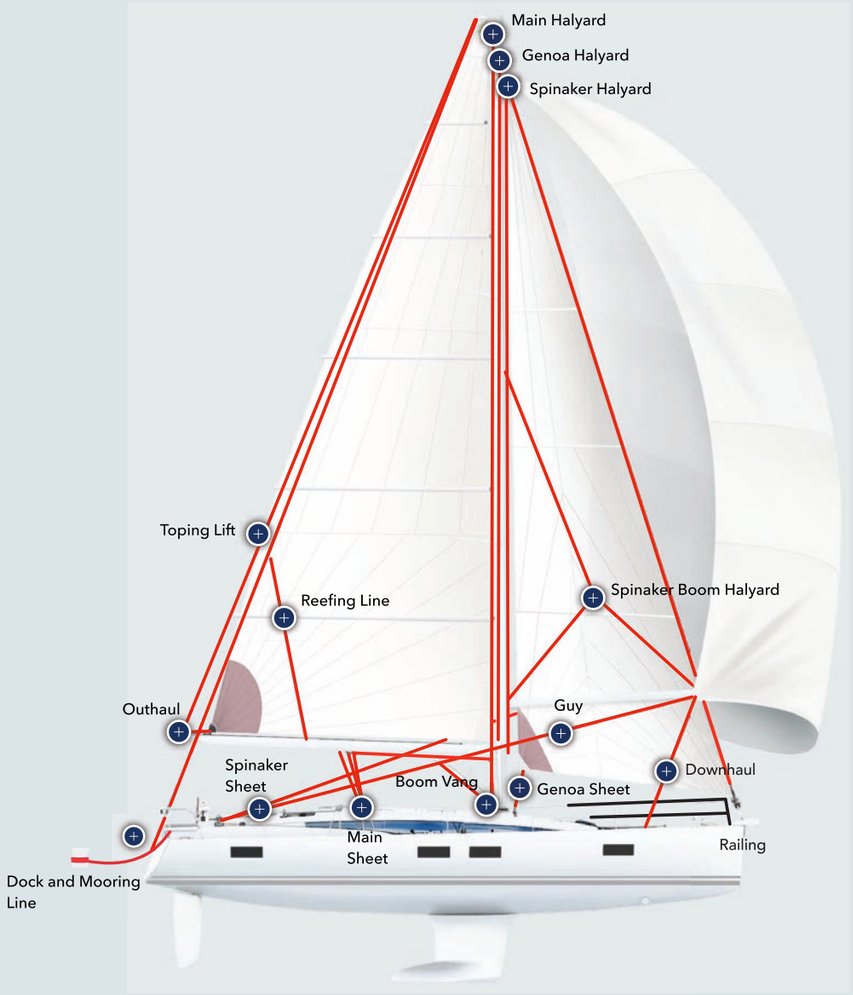
SAILORS FOR SAILORS

"A sailing vessel is alive in a way that no ship with mechanical power can ever be."

Aubrey de Selincourt

Cruising

Lines



Main Halyard
· Meltemi fix
· Blizzard plus
· Bora
· Hurricane*
· Breeze*

Genoa Halyard
· Meltemi fix
· Blizzard plus
· Bora

Spinaker Halyard
· Meltemi fix
· Blizzard plus
· Bora
· Hurricane*

Spinaker Boom Halyard
· Meltemi fix
· Blizzard plus
· Bora
· Hurricane*

Genoa Sheet
· Ocean
· Breeze
· Hurricane
· Zephyr plus

Main sheet
· Ocean
· Breeze
· Zephyr plus

Spinaker Sheet
· Breeze
· Hurricane
· Aquarius

Guy
· Ocean
· Breeze
· Hurricane
· Zephyr plus

Cunnigham
· Meltemi fix*
· Bora*

Outhaul
· Hurricane
· Meltemi fix*
· Bora*
· Breeze*

Boom Vang
· Meltemi fix*
· Bora*
· Breeze*

Toping lift
· Hurricane
· Blizzard plus*
· Breeze*

Downhaul
· Hurricane
· Blizzard plus*
· Meltemi fix*
· Bora*

Reefing line
· Hurricane
· Meltemi fix*
· Breeze*
· Bora*

Railing
· Reflective railing
· DF 3
· DF 2

Dock and Mooring lines
· Laguna
· Eco rope
· Vision
· Flexi dock
· Stormy dock
· Keywest

Anchoring lines
· Eco anchor
· Flexon

*The line is possible to use.

Line elongation

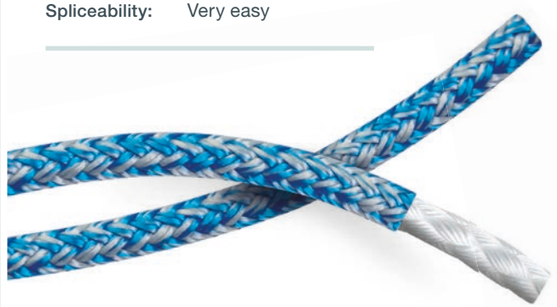
Performance	Elongation by 20% of braking load	Elongation by 50% of BL
Meltemi Fix	3,60 %	8,60 %
Hurricane	4,00 %	7,60 %
Bora	4,20 %	8,00 %
Ocean	4,50 %	8,20 %
Blizzard Plus	4,80 %	8,60 %
Breze	4,80 %	9,00 %
Zephyr +	4,80 %	8,80 %
Aquarius	5,00 %	10,00 %

Recommended line´s diameter for Crusing

Yacht length	Sheets			Halyards		
	Main	Genoa	Spinnaker	Main	Genoa	Spinnaker
(ft)	(mm)					
20 - 26	8	10	8	8	8	8
27 - 30	10	10	8	8	8	8
30 - 33	10	10	10	10	10	10
34 - 38	12	12	10	10	10	10
38 - 42	12	14	12	12	10	12
42 - 46	12	14	12	14	14	12
46 - 52	14	16	14	16	14	14
53 - 58	16	18	16	18	18	16

Meltemi fix

Core: Polyester heat set
Cover: Polyester heat set
Construction: Double braided
Spliceability: Very easy



The strongest line in this category. Elongation of the line is significantly reduced thanks to the heat set.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	27	1,8	1210	2662
8	5/16	55	3,7	1940	4268
10	3/8	81	5,4	2900	6380
12	1/2	130	8,7	3250	7150
14	9/16	159	10,7	4200	9240
16	5/8	186	12,5	5280	11616

RED/WHITE
BLUE/WHITE
YELLOW/WHITE
GREEN/WHITE

Bora

Core: Polyester
Cover: Polyester
Construction: Braided line with parallel twisted core
Spliceability: Not suitable

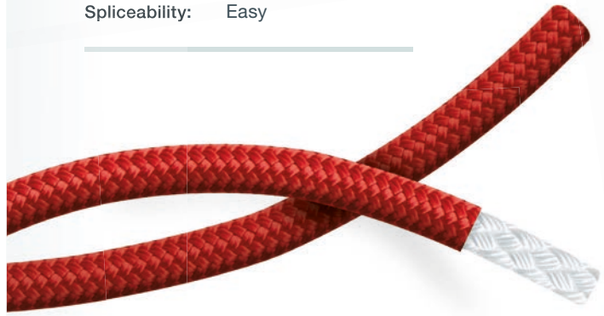
A compact line with **low elongation**. Good line for a great price. Perfect choice for **halyard hitch termination**.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
2	1/12		0,2	100	220
3	1/8	5	0,3	200	440
4	5/32	13,1	1,0	400	1100
5	3/16	20	1,3	550	1210
6	1/4	32	2,2	900	1980
8	5/16	52	3,5	1300	2860
10	3/8	72	4,8	1900	4180
12	1/2	95	6,4	2200	4840
14	9/16	142	9,5	3500	7700

RED
BLUE
GREEN
YELLOW
REFLEX ORANGE
NAVY BLUE
BEIGE
GRAY
BLACK
REFLEX GREEN

Blizzard plus

Core: Polyester
Cover: Polyester
Construction: Double braided
Spliceability: Easy



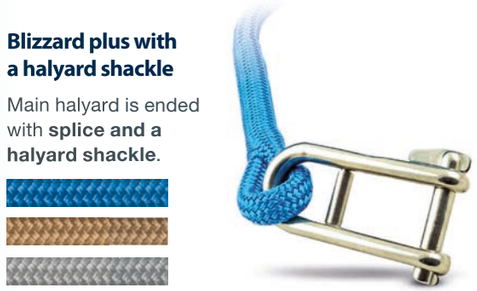
A compact line with low elongation and long lifespan.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
4	5/32	13	0,9	600	1320
5	3/16	18	1,2	700	1540
6	1/4	24	1,6	920	2024
8	5/16	48	3,2	1400	3080
10	3/8	63	4,2	2300	5060
12	1/2	104	7,0	3630	7986
14	9/16	143	9,6	4100	9020

BEIGE
WHITE
RED
BLACK
YELLOW
GREEN
BLUE
NAVY BLUE
GRAY
WINE RED

Blizzard plus with a halyard shackle

Main halyard is ended with **splice and a halyard shackle**.



Diameter		Lenght	Weight		Breaking Load	
mm	Inch	m	g/m	lbs/100feet	daN	lbs
8	5/16	35	48	3,2	828	1861,344
10	3/8	35 or 40	63	4,2	1260	2832,48
12	1/2	40	104	7,0	2070	4653,36

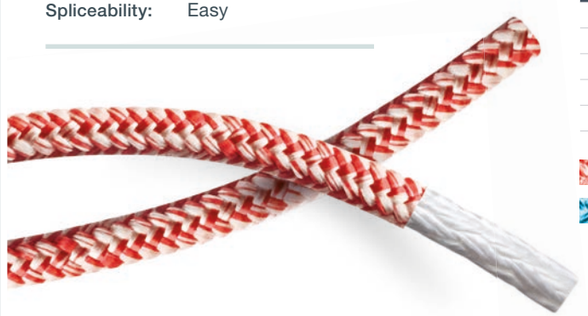
Blizzard plus with a snap shackle - spinnaker halyard

The spinnaker halyard is ended with a **spliced eye and a snap shackle**.

Diameter		Lenght	Weight		Breaking Load	
mm	Inch	m	g/m	lbs/100feet	daN	lbs
8	5/16	35	48	3,2	828	1861,344
10	3/8	35 or 40	63	4,2	1260	2832,48
12	1/2	40	104	7,0	2070	4653,36

Ocean

Core: Polyester
Cover: Polyester/Cordura
Construction: Double braided
Spliceability: Easy



Cordura pushes the limit of **durability**. Holds firmly on the winch. Ideal for use as a sheet.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	29	2	1000	2200
8	5/16	51	3,4	1440	3160
10	3/8	78	5,2	2800	6160
12	1/2	107	7,2	3062	6736
14	9/16	132	8,8	3770	8294


RED/WHITE

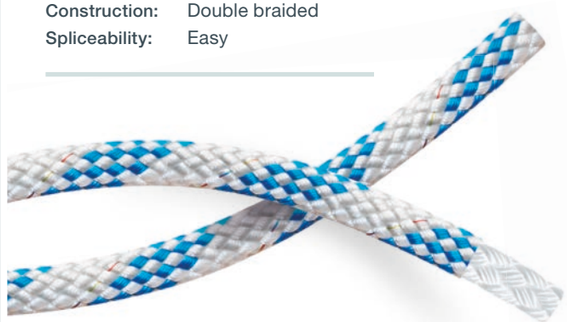

BLUE/WHITE


YELLOW/WHITE


BLACK/WHITE

Breeze

Core: Polyester/polypropylene multifilament
Cover: Polyester
Construction: Double braided
Spliceability: Easy



A **light** but durable line. 24-braid sheath increases its lifespan. The Breeze line is suitable for all applications on boats.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	27,4	1,8	700	1540
7	3/10	31	2,1	800	1760
8	5/16	40	2,7	1300	2860
10	3/8	62	4,2	2000	4400
12	1/2	82	5,5	2300	5060
14	9/16	127,6	8,6	4000	8992
16	5/8	165	11	4900	10780

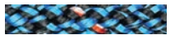

WHITE/GREEN


WHITE/YELLOW


WHITE/RED


WHITE/BLUE


ORANGE/BLACK


BLUE/BLACK


YELLOW/BLACK

Hurricane

Core: Polyester
Cover: Polyester
Construction: Double braided
Spliceability: Very easy

Extraordinary **softness and flexibility**. The best line for splicing in this category.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	27	1,8	960	2112
8	5/16	51	3,4	1600	3520
10	3/8	78	5,2	2500	5500
12	1/2	110	7,4	3050	6710
14	9/16	139	9,3	3900	8580
16	5/8	173	11,6	4850	10670


GRAY


BLUE


RED

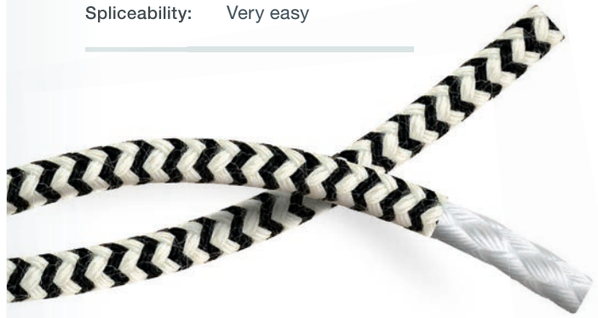

GRAY/BLACK


GRAY/BLUE


GRAY/RED

Zephyr +

Core: Polyester
Cover: Polyester + polyester staple
Construction: Double braided
Spliceability: Very easy



Suitable for use as a jib sheet. Perfect grip. Classic design of the line.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	27	1,8	980	2156
8	5/16	50	3,4	1330	2926
10	3/8	70	4,7	1910	4202
12	1/2	109	7,3	3350	7040
14	9/16	136	9,11	3900	8580
16	5/8	172	11,55	4430	9746


WHITE/BLACK


WHITE/BLUE


WHITE/RED


WHITE/YELLOW


WHITE/GREEN

Aquarius

Core: Polypropylene multifilament
Cover: Polypropylene multifilament
Construction: Braided line with parallel twisted core
Spliceability: Not suitable

The line is an ideal for use as a **spinnaker sheet in a light wind**. The line is light and easy to handle.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	20	1,3	400	880
8	5/16	30	2,0	1000	2200
10	3/8	49	3,3	1500	3300
12	1/2	64	4,3	2000	4400

RED
BLUE
YELLOW
GREEN

Recommendations

The end of the rope has a great impact on the overall strength of the rope. Good splicing reduces the strength of the rope by only up to 10 %.

While using knots, the strength of the rope is reduced by 40 - 60 %.

TIP

If the cover is damaged replace the line immediately.

Cunnigham
· Meltemi fix*
· Bora*

Outhaul
· Hurricane
· Meltemi fix*
· Bora*
· Breeze*

Boom Vang
· Meltemi fix*
· Bora*
· Breeze*

Toping lift
· Hurricane
· Blizzard plus*
· Breeze*

Downhaul
· Hurricane
· Blizzard plus*
· Meltemi fix*
· Bora*

Reefing line
· Hurricane
· Meltemi fix*
· Breeze*
· Bora*

* The line is possible to use.

SAILORS FOR SAILORS

Danny Paschalidis
Greece

World and European Championship Winner and Olympian Attendant.

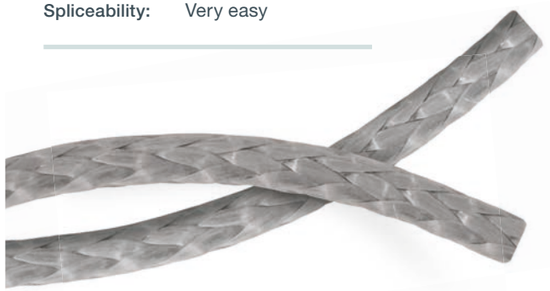
I started sailing at the age of 11 back in 1978 in Thessaloniki. Since then I have raced in various sailing classes, from small dinghies to big offshore boats. Optimists, 420s, lasers, finns were the classes that I sailed growing up as a sailor, and I raced successfully in 470s, Tornadoes, F18 catamarans and recently Nacra17. Especially in Tornadoes and F18 catamarans I won 8 world championships and 8 European championships. **Three times Olympian** in Sydney 2000 as coach, and as an athlete in Athens 2004 and Beijing in 2008. Now at the age of 54 I sail in the Nacra17 with a Myrto Papadopoulou aiming for a medal in the Paris 2024 Olympic games.

Lines

Dinghy racing

DF 2

Core: Dyneema® Bio based SK 78
Construction: Single braided
Spliceability: Very easy



The line is made of the ecological high-strength **Dyneema** material and its **high strength and low weight** make it unique. Double saturated and heat set reduce elongation of the line. Higher UV stability.

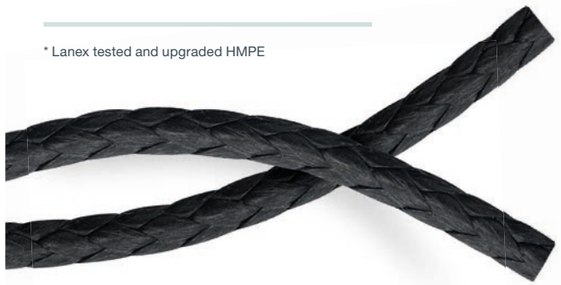
Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
2	1/12	2,5	0,17	420	944
3	1/8	5	0,37	880	1978
4	5/32	9	0,60	1570	3529
5	3/16	17	1,14	2450	6294
6	1/4	23	1,55	4000	8992
8	5/16	44	2,69	6900	15511
10	3/8	75	4,10	10500	23604

SILVER

DF 3

Core: Nexsteel*
Construction: Single braided
Spliceability: Very easy

* Lanex tested and upgraded HMPE



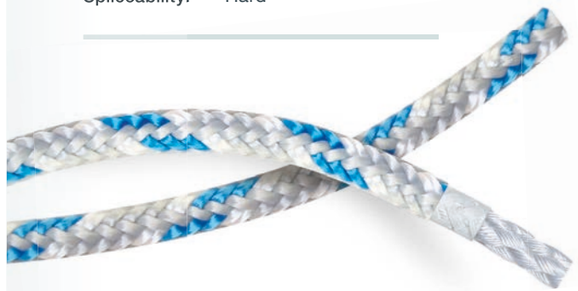
The line is made of high-strength material and its **high strength and low weight** make it unique. The process of triple coating and heat set significantly reduces elongation of the line. Higher UV stability.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
2	1/12	2,2	0,15	400	899
2,5		3,2	0,21	500	1124
3	1/8	4,8	0,32	880	1753
4	5/32	8,8	0,59	1600	3192
5	3/16	14	0,94	2250	5058
6	1/4	20,5	1,38	3430	7711
8	5/16	33	2,21	5500	12364
10	3/8	46	3,09	7800	17534
12	1/2	66	4,36	11500	25852

BLACK
SILVER
ORANGE

D-race

Core: Dyneema® Bio based SK 78
Cover: Polyester
Construction: Double and triple braided
Spliceability: Hard



The line is protected by sturdy cover for longer lifespan. **Resistant to abrasion. Low-stretch. High strength**.

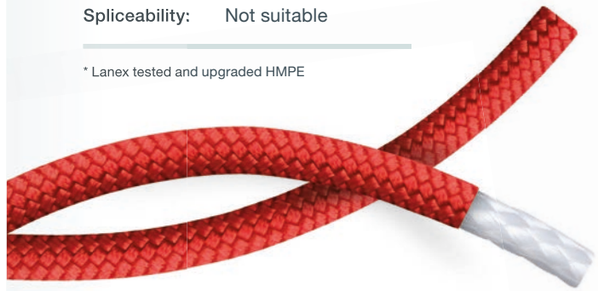
Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
3	1/8	7	0,47	400	880
4	5/32	10	0,7	750	1650
5	3/16	15	1	1300	2860
6	1/4	28	1,9	1800	3960
8	5/16	47	3,2	3300	7260
10	3/8	76	5,1	5550	12210
12	1/2	97	6,5	8200	18040
14	9/16	120	8,1	10200	22440

GRAY
GRAY/BLUE
GRAY/GREEN
GRAY/RED

Levante

Core Nexsteel*
Cover: Polyester
Construction: Double braided
Spliceability: Not suitable

* Lanex tested and upgraded HMPE



BEIGE

The cover protects the line and **increases its lifespan. Resistant to abrasion. Low-stretch. High strength**. The Levante line can be used as a halyard, a topping lift or a reefing line. Suitable for **tying knots**.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
2	1/12	3,9	0,3	210	462
3	1/8	7	0,46	410	902
4	5/32	12,1	0,8	810	1782
5	3/16	18,1	1,2	1000	2200
6	1/4	25	1,7	1800	3960
8	5/16	45	3	3500	7700
10	3/8	69	4,6	4100	9020
12	1/2	102	6,9	5800	12760
14	9/16	115	7,7	7500	16500

YELLOW
GREEN
NAVY BLUE
RED
BLUE
GRAY

Bora fix

Core: Polyester
Cover: Polyester
Construction: Braided line with parallel twisted core
Spliceability: Not suitable

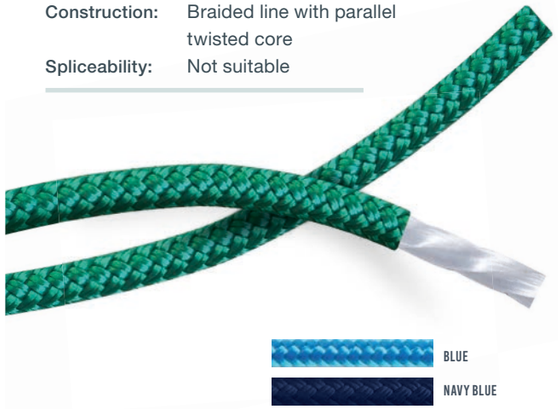
A unique feature of the line is its **extremely low elongation, up to 5 %**. The line is heat set. It is an ideal halyard for small boats or foiling catamarans.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
4	5/32	16	1,1	550	1210
5	3/16	21	1,4	600	1320

GREEN
BLACK
REFLEX GREEN
REFLEX ORANGE

Bora

Core: Polyester
Cover: Polyester
Construction: Braided line with parallel twisted core
Spliceability: Not suitable



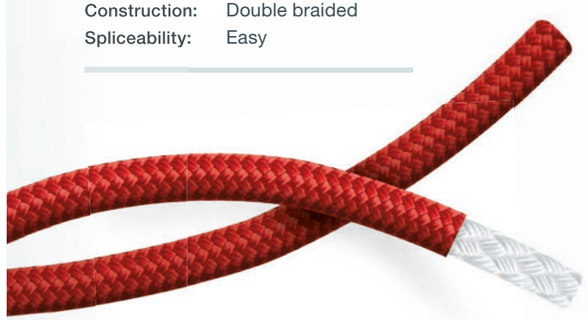
A compact line with low elongation. Excellent halyard for small boats.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
2	1/12	3	0,2	100	220
3	1/8	5	0,3	200	440
4	5/32	13,1	1,0	400	1100
5	3/16	20	1,3	550	1210
6	1/4	32	2,2	900	1980
8	5/16	52	3,5	1300	2860
10	3/8	72	4,8	1900	4180
12	1/2	95	6,4	2200	4840
14	9/16	142	9,5	3500	7700

BLUE
NAVY BLUE
RED
BEIGE
GREEN
GRAY
YELLOW
BLACK
REFLEX ORANGE
REFLEX GREEN

Blizzard plus

Core: Polyester
Cover: Polyester
Construction: Double braided
Spliceability: Easy



A compact line with low elongation and long lifespan.

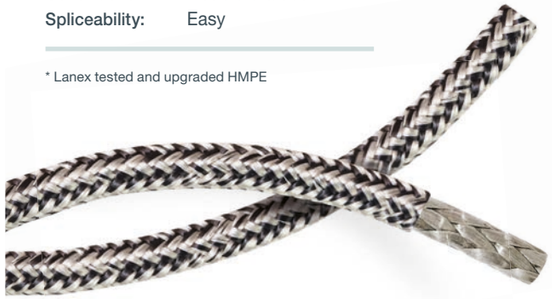
Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
4	5/32	13	0,9	600	1320
5	3/16	18	1,2	700	1540
6	1/4	24	1,6	920	2024
8	5/16	48	3,2	1400	3080
10	3/8	63	4,2	2300	5060
12	1/2	104	7,0	3630	7986
14	9/16	143	9,6	4100	9020

BEIGE
GREEN
WHITE
BLUE
RED
NAVY BLUE
BLACK
GRAY
YELLOW
WINE RED

Dynestorm

Core: Nexsteel*
Cover: Cordura® with Polyester
Construction: Double braided
Spliceability: Easy

* Lanex tested and upgraded HMPE



Excellent grip and handling and increased resistance to abrasion thanks to **tough Cordura cover**. The line **does not slip** in stoppers and winches.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
3	1/8	6	0,4	410	902
4,5	5/32	14	0,9	1100	2420
6	1/6	21	1,4	1660	3652
8	5/16	38	2,6	3070	6754
10	3/8	63	4,2	4900	10780
12	1/2	87	5,8	6000	13200
14	9/16	110	7,4	8400	18480


BLACK/WHITE

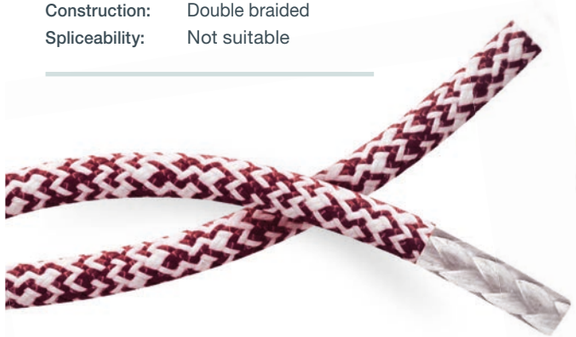

BLUE/WHITE


YELLOW/WHITE


RED/WHITE

Marlin touch

Core: Dyneema® Bio based SK 78
Cover: Polyester + polyester staple
Construction: Double braided
Spliceability: Not suitable



The line is made of the ecological high-strength **Dyneema. Easy to taper. Very good in hands**.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
5	3/16	17	1,1	1100	2473
7	3/10	30	2	2600	5845


YELLOW/WHITE

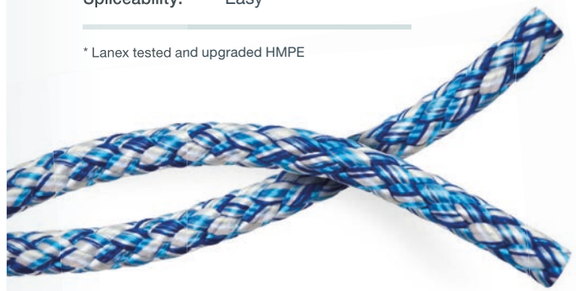

ORANGE/WHITE


BORDEAU/WHITE

D jib

Core: Nexsteel* with Polyester
Construction: Single braided
Spliceability: Easy

* Lanex tested and upgraded HMPE



Low weight, but at the same time high strength – these are the main characteristics of a line suitable for use as the **main sheet of the sail**. The line is soft and does not damage the sails during an unexpected jibe.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
3	1/8	6	0,4	400	880
4	5/32	10	0,7	600	1320
5	3/16	12	0,8	900	1980
7	3/10	26	1,8	1300	2860
9	3/8	44	2,7	2100	4620


BLACK/WHITE

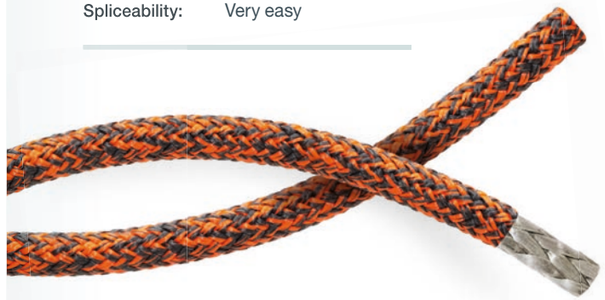

BLUE/WHITE


YELLOW/WHITE


RED/WHITE

Zero Plus

Core: Nexsteel*
Cover: Technora with polyester
Construction: Double braided
Spliceability: Very easy



Aramid cover increases **resistance to abrasion**. Line is **kink free**. The line is also suitable for use **on electric winches** and for **tapering**. Low-stretch. High strength. The core can be used separately.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	28	1,9	1940	4268
8	5/16	45	3	3000	6600
10	3/8	63	4,2	4300	9460
12	1/2	83	5,6	5900	12980


GREEN/BLACK

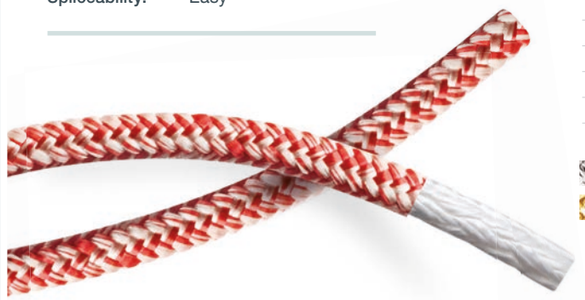

ORANGE/BLACK


NAVY BLUE/GOLD


BORDEAU/GOLD

Ocean

Core: Polyester
Cover: Polyester/Cordura
Construction: Double braided
Spliceability: Easy



Cordura pushes the limit of **durability**. Holds firmly on the winch. Ideal for use as a sheet.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	29	2	1000	2200
8	5/16	51	3,4	1440	3160
10	3/8	78	5,2	2800	6160
12	1/2	107	7,2	3062	6736
14	9/16	132	8,8	3770	8294


BLACK/WHITE


YELLOW/WHITE


BLUE/WHITE


RED/WHITE

Zephyr +

Core: Polyester
Cover: Polyester + polyester staple
Construction: Double braided
Spliceability: Very easy

Suitable for use as a jib sheet. Perfect grip. Classic design of the line.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	27	1,8	980	2156
8	5/16	50	3,4	1330	2926
10	3/8	70	4,7	1910	4202
12	1/2	109	7,3	3350	7040
14	9/16	136/m	9,11	3900	8580
16	5/8	172	11,55	4430	9746


WHITE/BLACK


WHITE/BLUE

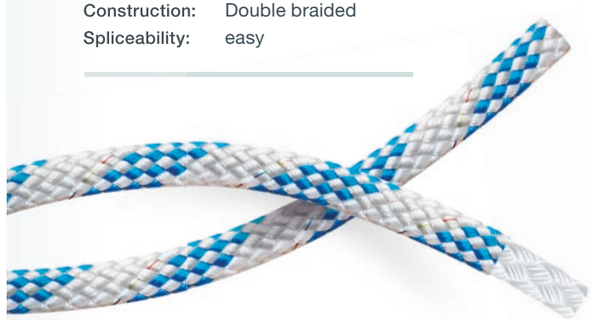

WHITE/RED


WHITE/YELLOW


WHITE/GREEN

Breeze

Core: Polyester/polypropylene multifilament
Cover: Polyester
Construction: Double braided
Spliceability: easy



A **light** but durable line. 24-braid sheath increases its lifespan. The Breeze line is suitable for all applications on boats.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	27,4	1,8	700	1540
7	3/10	31	2,1	800	1760
8	5/16	40	2,7	1300	2860
10	3/8	62	4,2	2000	4400
12	1/2	82	5,5	2300	5060
14	9/16	127,6	8,6	4000	8992
16	5/8	165	11	4900	10780


WHITE/GREEN


WHITE/YELLOW


WHITE/RED


WHITE/BLUE


ORANGE/BLACK


BLUE/BLACK


YELLOW/BLACK

Aquarius

Core: Polypropylene multifilament
Cover: Polypropylene multifilament
Construction: Braided line with parallel twisted core
Spliceability: Not suitable

The line is an ideal for use as a **spinnaker sheet in a light wind**. The line is light and easy to handle.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	20	1,3	400	880
8	5/16	30	2,0	1000	2200
10	3/8	49	3,3	1500	3300
12	1/2	64	4,3	2000	4400


RED

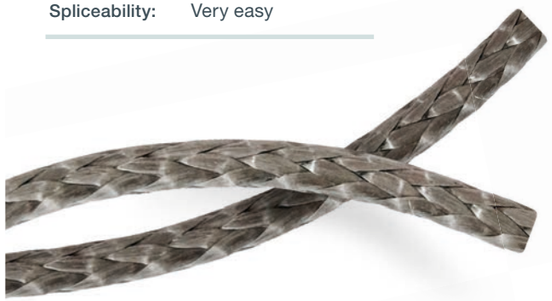

BLUE


YELLOW


GREEN

DF 20

Core: Dyneema® DM 20
Construction: Single braided
Spliceability: Very easy



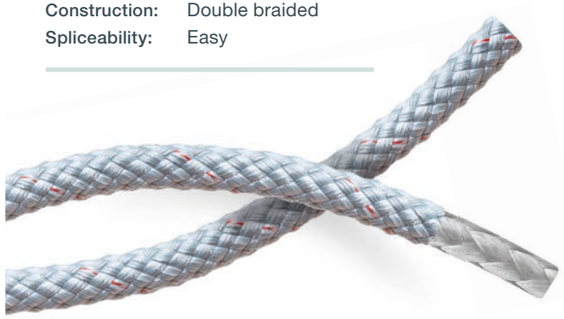
The line is made of high-strength Dyneema material and its **extremely low elongation, zero long-term creep, high strength and low weight** make it unique. Suitable as a **replacement for a steel wire**. Ideal for **long sails**. The line has double saturated and heat set.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
3	1/8	5,3	0,36	1000	2200
4	5/32	8	0,54	1700	3740
5	3/16	16,7	1,12	2900	6380
6	1/4	21	1,41	4280	9621
8	5/16	42	1,61	8300	18658
10	3/8	55	3,7	11000	24728
12	1/2	76,5	5,14	14480	32551


GRAY

Dyneforce

Core: Dyneema® DM 20
Cover: Polyester
Construction: Double braided
Spliceability: Easy



The line has double saturation and heat set. Moreover, the sturdy cover increases lifespan of the line. Higher resistance to abrasion. High strength. Suitable as a **replacement for a steel wire**. Ideal for **long sails**.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	22	1,5	1700	3740
8	5/16	40	2,7	4280	9621
10	3/8	65	4,4	8300	18658
12	1/2	95	6,4	11000	24278
14	9/16	130	8,7	14480	32251


GRAY


BLACK


BEIGE

Optimist set Profi

Name	Diameter		Lenght	Weight		Breaking Load		Pieces	Application
	mm	Inch	m	g/m	lbs/100feet	daN	lbs		
Shock Cord	3	1/8	2	8	0,54	50	110	1	Tension lines for hiking straps
Vectran line	3	1/8	1,2	6	0,4	940	2068	1	Sprit control line
Vectran line	3	1/8	1,2	6	0,4	940	2068	1	Boom to mainsheer connection
Shock Cord	3	1/8	1,5	8	0,54	50	110	1	Secure shockcord for bailers
Dynestorm	3	1/8	1	6	0,4	410	902	1	Hiking straps adjustment lines
Dynestorm	4,5	5/32	1,2	14	0,94	1100	2420	1	Outhaul
Dynestorm	4,5	5/32	1,5	14	0,94	1100	2420	1	Bottom sprit control line
Shock Cord	6	1/4	1,5	26	1,75	180	396	1	Daggerboard bungy
Fix line	1,9	5/64	1,4	1,9	0,13	158	348	1	Paddle safety line
Sail Fix	1,1	3/64	0,5	12	0,07	100	220	1	Sail ties
Fix line	1,9	5/64	1,5	1,9	0,13	158	348	1	Secure line for daggerboard
Sail Fix	2,8	7/64	0,5	55	0,34	160	352	1	Corner sail ties
Fix line	1,9	5/64	0,6	1,9	0,13	158	348	1	Secure line for mechanical clip for securing mast
Aquarius	6	1/4	9	20	1,3	400	880	1	Floating painter - bowline
Dynestorm	6	1/4	0,8	21	1,4	1660	3652	1	Vang
Marlin Touch	7	3/10	7	30	2,02	2210	4862	1	Mainsheet
Vectran Line	3	1/8	0,8	6	0,4	940	2068	1	Vang

A set of extra strong, pre-cut lines of exact length for regattas.

The lines are made of high-strength materials.

The lines are differentiated by colour for easier use.

Optimist set Training

A set of lines of exact length for the Optimist class dinghies.

The lines are pre-cut ready for immediate use.

The lines are differentiated by colour for smooth training.

Name	Diameter		Lenght	Weight		Breaking Load		Pieces	Application
	mm	Inch	m	g/m	lbs/100feet	daN	lbs		
Shock Cord	3	1/8	2	8	0,54	50	110	1	Tension lines for hiking straps
Vectran Line	3	1/8	1,2	6	0,4	940	2068	1	Sprit control line
Vectran Line	3	1/8	1,2	6	0,4	940	2068	1	Boom to mainsheer connection
Shock Cord	3	1/8	1,5	8	0,54	50	110	1	Secure shockcord for bailers
Levante	3	1/8	1	7	0,44	410	902	1	Hiking straps adjustment lines
Blizzard Plus	5	3/16	1,2	18	1,2	700	1540	1	Outhaul
Blizzard Plus	5	3/16	1,2	18	1,2	700	1540	1	Bottom sprit control line
Shock Cord	6	1/4	1,5	26	1,75	180	396	1	Daggerboard bungy
Fix line	1,9	5/64	1,4	1,9	0,13	158	348	1	Paddle safety line
Sail Fix	1,1	3/64	0,5	12	0,07	100	220	16	Sail ties
Fix line	1,9	5/64	1,5	1,9	0,13	158	348	1	Secure line for daggerboard
Sail Fix	2,8	7/64	0,5	55	0,34	160	352	6	Corner sail ties
Fix line	1,9	5/64	0,6	1,9	0,13	158	348	1	Secure line for mechanical clip for securing mast
Aquarius	6	1/4	9	20	1,3	400	880	1	Floating painter - bowline
Breeze	6	1/4	0,8	27,4	2,05	700	1540	1	Vang
D-Jib	7	3/10	7	26	1,8	1300	2860	1	Mainsheet
Vectran Line	3	1/8	0,8	6	0,4	940	2068	1	Vang

SAILORS FOR SAILORS

Dock and Anchoring lines

Dock and Anchoring

- Laguna
- Eco rope
- Vision
- Flexi dock
- Stormy dock
- Key west
- Malaga
- Eco anchor
- Flexon

Line elongation

Performance	Elongation by 20% of braking load	Elongation by 50% of BL
Stormy Dock	20,0 %	32,0 %
Flexi dock	11,0 %	17,4 %
Flexon	9,0 %	15,0 %
Malaga	8,0 %	15,0 %
Key West	7,0 %	14,0 %
Laguna	6,5 %	11,2 %
Vision	6,0 %	11,4 %
Eco rope	7,0 %	12,0 %

Recommended dock and mooring line´s diameter

Yacht length	Languna	Eco Line	Vision	Flexi dock	Stormy dock	Keywest	Malaga	ECO Anchor	Flexon
(ft)	(mm)								
20	8	8	8	x	10	10	12	12	x
26	10	10	10	x	12	10	14	12	10
33	12	12	12	x	14	12	16	16	10
38	14	14	14	14	14	14	18	16	12
45	16	16	16	16	x	16	20	x	14
52	18	x	x	18	x	18	24	x	16

Laguna

Core: Polyester
Cover: Polyester
Construction: Double braided
Spliceability: Very easy

The most popular line in this category.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
8	5/16	56	3,8	2060	4532
10	3/8	66	4,4	2200	4840
12	1/2	105	7	2900	6380
14	9/16	133	8,9	3500	7700
16	5/8	181	12,1	4050	8910
18	3/4	210	14,1	5200	11440
20	13/16	273	18,3	6300	13860
22	7/8	375	25,2	10000	22000
24	15/16	412	27,6	11050	24310
28	1-1/8	560	37,6	13000	28600
30	1-1/4	630	42,3	15550	34100
32	1-5/16	791	53,1	19000	41800

WHITE/BLACK
BLACK
NAVY BLUE
GRAY

Laguna with a thimble eye

Suitable for use with anchor chain.

Diameter		Lenght	Weight		Breaking Load	
mm	Inch	m	g/m	lbs/100feet	daN	lbs
8	5/16	30	56	3,8	2060	4532
10	3/8	10	66	4,4	2200	4840
12	1/2	30	105	7	2900	6380
14	9/16	30	133	8,9	3500	7700

WHITE/BLACK
BLACK
NAVY BLUE
GRAY

Laguna with a spliced eye

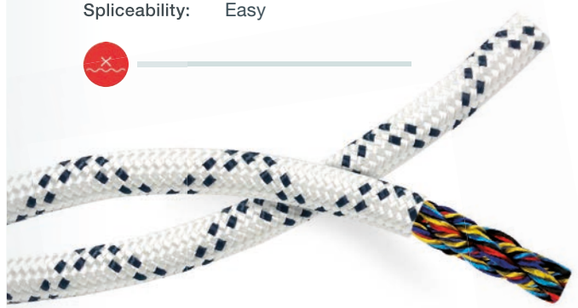
A line for easy docking.

Diameter		Lenght	Weight		Breaking Load	
mm	Inch	m	g/m	lbs/100feet	daN	lbs
8	5/16	5	56	3,8	2060	4532
10	3/8	8	66	4,4	2200	4840
12	1/2	10	105	7	2900	6380
14	9/16	15	133	8,9	3500	7700
16	5/8	15	181	12,1	4050	8910

WHITE/BLACK
BLACK
NAVY BLUE
GRAY

Eco rope

Core: Nylon
Cover: Polyester
Construction: Braided line with parallel twisted core
Spliceability: Easy



Docking line with a robust compact cover and high elongation. We protect the environment. The core is made of recycled nylon. The line with the longest lifespan in our portfolio.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	26,6	1,8	760	1672
8	5/16	47	3,6	1100	2420
10	3/8	69	4,6	1900	4271
12	1/2	92,82	6,2	2500	5500
14	9/16	123,63	8,3	3600	7920
16	5/8	157,7	11	4800	10790

WHITE/BLUE
BLACK
WHITE/RED
NAVY BLUE

Vision

Core: Polypropylene multifilament
Cover: Polyester + polypropylene multifilament with Reflective tape
Construction: Double braided
Spliceability: Easy

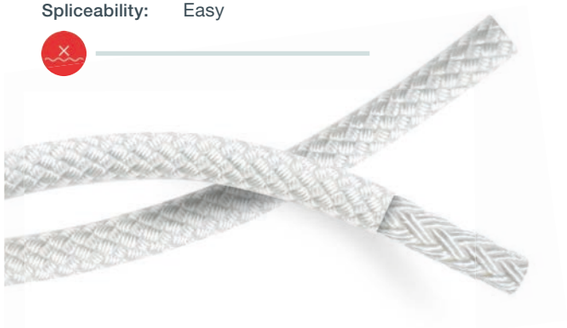
A floating dock line with reflexive tape. The line going to the shore is clearly visible, even in total darkness.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
10	3/8	63	4,2	2200	4840
12	1/2	79	5,2	2600	6600
14	9/16	107	7,2	3900	8580
16	5/8	151	9,5	4100	9900

BLACK
WHITE

Flexi dock

Core: Nylon
Cover: Nylon
Construction: Double braided
Spliceability: Easy



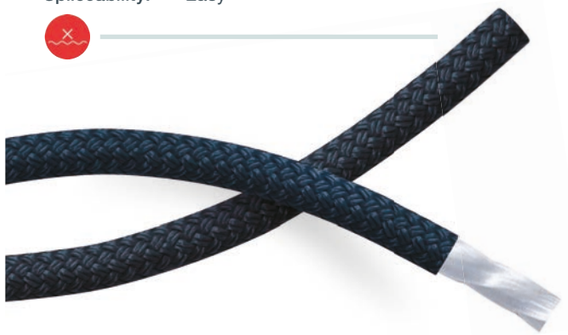
A soft dock line with elasticity up to 20%. The line is protected by sturdy cover for longer lifespan.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
12	1/2	96	6,5	2600	5720
14	9/16	119	8	4800	10560
16	5/8	153	10,3	5040	11088
18	3/4	188	12,6	6650	14630
20	13/16	236	15,9	8130	17886

WHITE
BLACK

Stormy dock

Core: Polypropylene cable
Cover: Polyester
Construction: Braided line with 4 strand twisted
Spliceability: Easy



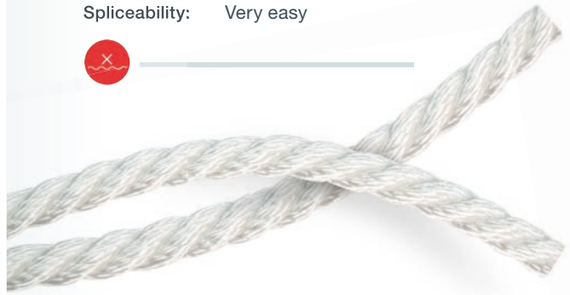
Extremely elastic dock line, suitable for use in tidal areas and strong winds. The line absorbs impact forces, so it is not necessary to use shock absorbers.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
10	3/8	59	4	1300	2860
12	1/2	83,4	5,6	2000	4400
14	9/16	96	5,5	2200	4840
16	5/8	115	7,7	2990	6578

BLACK
GRAY
NAVY BLUE
WHITE

Key west

Core: Polyester
Construction: 3 strand twisted
Spliceability: Very easy



A traditional dock and anchoring line.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
8	5/16	49	3,3	1060	2332
10	3/8	76	5,1	1620	3564
12	1/2	109	7,3	2300	5060
14	9/16	149	10	3090	6798
16	5/8	194	13	4000	8800
18	3/4	246	16,5	5000	11000
20	13/16	303	20,4	6100	13420
22	7/8	367	24,7	7310	16082
24	15/16	437	29,4	8610	18942
26	1	512	34,4	10100	22220
36	13/8	982	66	19000	41800

WHITE
BLACK
NAVY BLUE

Key west with a thimble eye

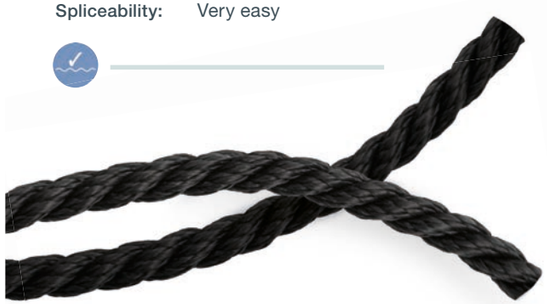
Suitable for use with anchor chain.

Diameter		Lenght	Weight		Breaking Load	
mm	Inch	m	g/m	lbs/100feet	daN	lbs
8	5/16	20	49	3,3	954	2099
8	5/16	30	49	3,3	1458	3208
10	3/8	20	76	5,1	2070	4554
10	3/8	30	76	5,1	2781	6118
12	1/2	30	109	7,3	3600	7920
14	9/16	30	149	10	4500	9900
16	5/8	40	194	13	5490	12078

WHITE
BLACK

Malaga

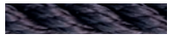
Core: Polypropylen multifilament
Construction: 3 strand twisted
Spliceability: Very easy



A floating, light dock line with increased UV resistance. When dropped into the water, the line will not be entangled with the propeller.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
8	5/16	29	2	1180	2653
10	3/8	45	3	1700	3822
12	1/2	65	4,4	2500	5620
14	9/16	89	6	3350	7531
16	5/8	116	7,8	4250	9554
18	3/4	146	9,8	5300	11914
20	13/16	181	12,2	6300	14162
22	7/8	219	14,7	7500	16860
26	1	306	20,6	10600	23829
30	1-1/4	407	27,3	13200	29674


WHITE


BLACK


NAVY BLUE

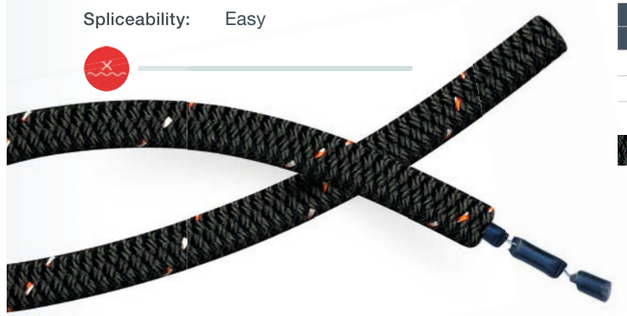
Recommendations

Carry a short line to secure the anchor on board. Two meters of line will save you a lot of trouble with an unintentionally loosened anchor windlass when sailing against the waves.

"Home is where the anchor drops."

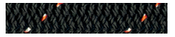
Eco anchor

Core: Stone
Cover: Polyester
Construction: Double braided
Spliceability: Easy



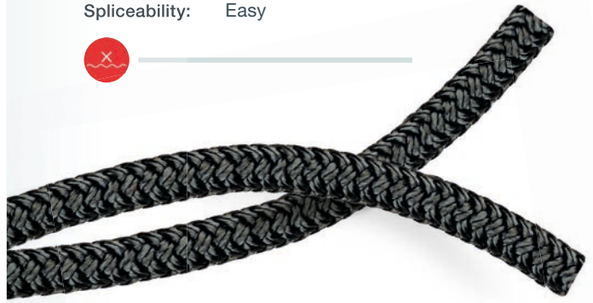
A unique anchoring line with stone core. An ecological replacement of lines with a lead core. Thanks to its weight, the Eco Anchor line sinks quickly.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
12	1/2	141	9,5	1730	3806
16	5/8	258,5	17,4	2770	6094


BLACK

Flexon

Core: Nylon
Cover: Nylon
Construction: Double braided
Spliceability: Easy



Extremely strong and elastic line suitable for **deep anchoring** and **all types of water anchors**.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
10	3/8	68	4,6	2200	4840
12	1/2	92	6,2	3500	7700
14	9/16	111	7,4	5500	12100
16	5/8	172	11,5	6600	14520
18	3/4	190	12,7	7700	16940
20	13/16	250	16,8	9000	19800


BLACK

SAILORS FOR SAILORS

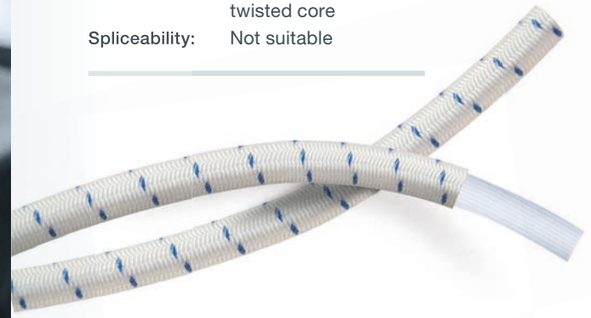
Other Lines and Accesories

Lines
- Shock cord
- SOS line
- Sail fix
- Lazy jack
- Leech line
- Mariner
- Energy
- Oldtimer
- Railing line

Accesories
- Minireels
- Minireels HMPE
- Soft shackle
- Whipping line

Shock cord

Core: Latex
Cover: Polyester
Construction: Braided line with parallel twisted core
Spliceability: Not suitable



The cover is mare made of high-tenacity polyester for longer lifespan.

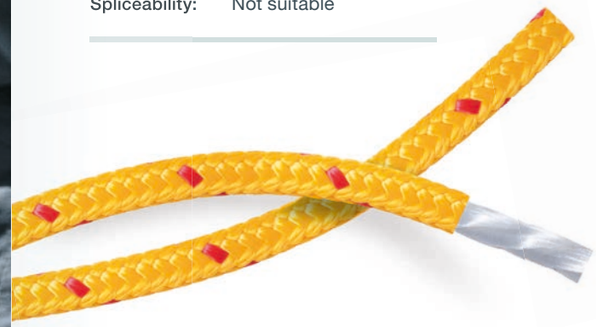
Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
3	1/8	8	0,5	50	112
4	5/32	11	0,7	98	220
5	3/16	19	1,3	130	292
6	1/4	26	2	180	405
8	5/16	48	3,2	260	584
10	3/8	75	5	300	674

BLACK

WHITE/BLUE

SOS line

Core: Polypropylene
Cover: Polypropylene
Construction: Braided line with parallel twisted core
Spliceability: Not suitable



A floating lifeline with a reflexive tape for better visibility at night.

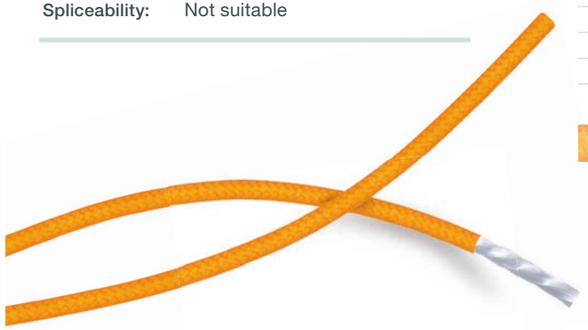
Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
8	5/16	29,7	2	1100	2420
10	3/8	42,3	2,8	1500	3300

YELLOW WITH REFLECTIVE LINE

YELLOW/RED LINE

Sail fix

Core: Dyneema® SK 78 bio based
Cover: Polyester
Construction: Braided line with parallel twisted core
Spliceability: Not suitable



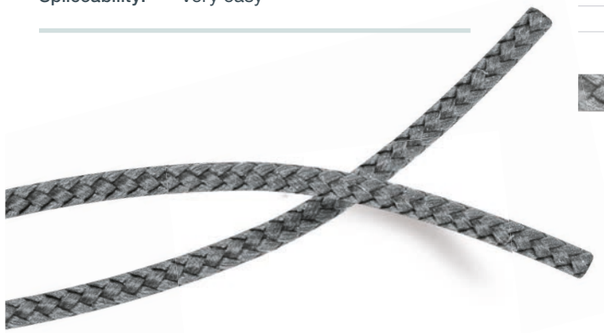
A static cord suitable for sail ties on small boats.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
1,1	3/64	1,2	0,08	100	220
1,4	1/16	1,3	0,09	120	264
1,9	5/64	2,4	0,16	150	330
2,8	7/64	5,5	0,37	160	352

ORANGE

Lazy jack

Core: Polyester
Construction: Single braided
Spliceability: Very easy



Line for attaching a lazy bag.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
4	5/32	7,4	0,5	370	814
6	1/4	23	1,5	840	1848

GRAY

Leech line

Core: Aramid
Cover: Polyester
Construction: Double braided
Spliceability: Not suitable

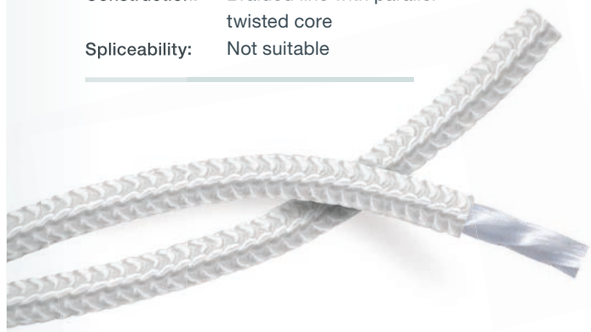
The Technora material guarantees low elongation.
Resistant to rough handling. The sailmakers' favourite line.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
2	1/12	5	0,3	170	374
3	1/8	8	0,5	330	726
4	5/32	12	0,8	440	968

WHITE/RED LINE

Mariner

Core: Nylon
Cover: Nylon
Construction: Braided line with parallel twisted core
Spliceability: Not suitable



A cord suitable for catamaran trampolines.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
2	1/12	3	0,2	170	374
3	1/8	7	0,5	240	540
4	5/32	9	0,6	470	1057
5	3/16	16	1,1	650	1461
6	1/4	27	1,8	950	2136
8	5/16	45	3	1300	2922

WHITE

BLACK

Energy

Core: Polypropylene
Construction: Single braided
Spliceability: Very easy

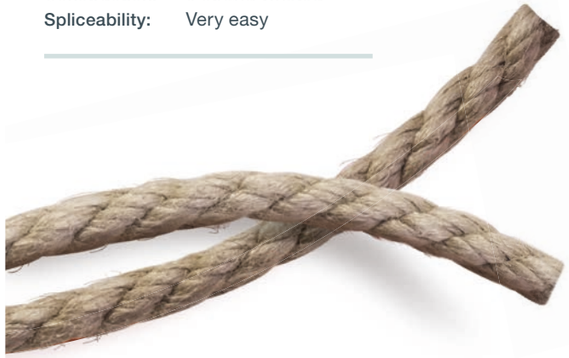
A light, floating cord which can also be used as main sheet of small boats.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
2	1/12	2	0,1	90	198
3	1/8	3	0,2	160	352
4	5/32	7	0,5	290	638
5	3/16	9	0,6	350	770
6	1/4	13	0,9	450	990
8	5/16	25	1,7	650	1430
10	3/8	36	2,4	900	1980
12	1/2	56	3,8	1250	2750
14	9/16	78	5,2	1600	3520

WHITE
BLUE
GREEN
RED
YELLOW

Oldtimer

Core: Polypropylene Spleitex
Construction: 3 strand twisted
Spliceability: Very easy

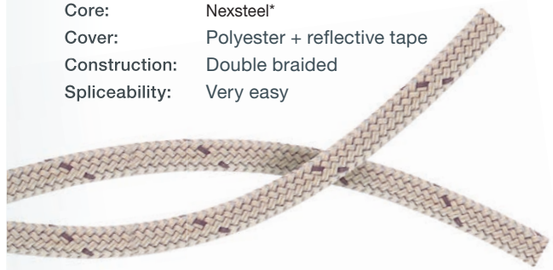


The line combines the design of natural materials and the advantages of synthetic fibers, which increase its lifespan almost twice. The line is suitable for use in places where it is exposed to UV radiation for a long time.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	16	1,1	355	781
8	5/16	28	1,9	595	1309
10	3/8	43	2,9	900	1980
12	1/2	63	4,2	1340	2948
14	9/16	81	5,4	1740	3828
16	5/8	104	7	2180	4796
18	3/4	130	8,7	2730	6006
20	13/16	160	10,7	3420	7524
22	7/8	190	12,7	4100	9020
26	1	270	18,1	5640	12408
30	1-1/4	340	22,8	7235	15917
36	13/8	586	39,4	10500	23100

Railing line

Core: Nexsteel*
Cover: Polyester + reflective tape
Construction: Double braided
Spliceability: Very easy



The line is suitable for use as a railing. It is strong and safe. Suitable as a replacement for a steel wire.

Diameter		Weight		Breaking Load	
mm	Inch	g/m	lbs/100feet	daN	lbs
6	1/4	25,9	1,74	1680	3696

Minireels

Material: Polyester

Material: Nexsteel*

* Lanex tested and upgraded HMPE

Soft shackle

Material: Nexsteel*

* Lanex tested and upgraded HMPE

Diameter		Breaking Load	
mm	Inch	daN	lbs
3	1/8	1000	2200
4	5/32	2450	5390
5	3/16	3200	7040
6	1/4	4800	10560
7	3/10	5000	11000
8	5/16	6200	13640

Safe, extremely strong and light textile connector made of high-strength fibres. A perfect replacement for a steel shackle. Floating.

SILVER
BLACK

Whipping line

Material: Polyester

Diameter	
mm	Inch
0,8	1/32

A tight whipping line for finishing of a splice.

WHITE
BEIGE
GRAY
YELLOW
GREEN
RED
NAVY BLUE
BLUE
BORDEAU
BLACK

Technical Data

Conversion table

kg	0,454	1
lbs	1	2.2

lbs/Pfund	2,247
daN	1

m	1
ft./pie	3.28

Storage of Lines

The maximum storage life of yachting lines in unused condition is up to 5 years.

Optimum storage conditions:
- clean place protected against light,
- without chemical, physical and mechanical effects,
- normal climate (15 – 25°C),
- relative humidity of about 65 %.

Note:
During the process of line production, the fibres are mechanically doubled, twisted and braided in several stages. In this way the fibres finally attain a condition of mechanically induced stress. A long-term storage leads to relaxation of the material, which means that macromolecules are “relieving”. This effect is not harmful, on the contrary it is connected with an improvement of some properties of the line.

Research studies have shown that test results of the performance of lines that have been optimally stored for several years were often better than results of tests of the lines measured immediately after production.
Provided optimum storage conditions are maintained, negative property changes in the line can be avoided for 5 years. Our advanced materials help maintain the line strength given the correct storage conditions.

Materials

Our lines and cords are designed to meet the highest standards, the most severe weather conditions, UV radiation and constant abrasion. Instead of natural materials, we use synthetic fibers which, if compared with natural fibres, have better properties such as greater strength, lower elongation and longer service life.

The following table shows the properties, displayed by the individual materials.

Technical Data

MATERIAL	UHMWPE	LCP	ARAMID FIBRE	POLYESTER	POLYAMIDE	POLYPROPYLENE MULTIFILAMENT
Trade name	Dyneema® Nextsteel Spectra	Vectran	Technora	Dacron, Diolen, Trevira	Nylon, Perlon	Multitex
Tenacity (cN/dtex)*	28 – 38	22 – 25	20 – 25	7 – 8	6.5 – 8.3	6 – 7
Elongation at break (%)	3.5	3.3	4.6	10 – 16	16 – 27	20 – 23
Specific gravity (g/cm³)	0.98	1.41	1.44	1.38	1.13	0.91
Melting point (°C)	144 – 152	330	carbonization at 500 °C	260	220	160
Abrasion resistance	very good	high	good	excellent	excellent	satisfying
UV resistance	very good	sensitive	sensitive	excellent	good	good with stabilizators
Salt resistance	excellent	excellent	sensitive	good	good at weak concentration	good at weak concentration
Resistance to acids	excellent	excellent	excellent	predominantly good	–	excellent
Resistance to oil products	excellent	excellent	excellent	excellent	good	good
Creep	creeps under longterm load	immeasurable	hardly measurable	hardly measurable	creeps slightly under tension	creeps under high tension
Knot strength (%)	35 – 50	30 – 35	30 – 40	55 – 60	60 – 65	55 – 65

* strength related to fibre fineness The data given in the table is for reference only.

For sheet and halyard lines

- we recommend to use materials having low elongation, high strength and long service life
- polyester is used in most cases for this category
- new high-tenacity materials like Dyneema® and Vectran are gaining importance for demanding racing applications

Mooring, anchoring and tow lines

- have to be able to absorb heavy shocks and repeatedly occurring tension, thus they have to be elastic and strong
- materials such as polypropylene are suitable for use as tow lines (floating materials)
- heavier materials such as polyamide and polyester are recommended by us to be used for mooring and anchoring lines

Formula for calculating the wind force per m² of the mainsail.

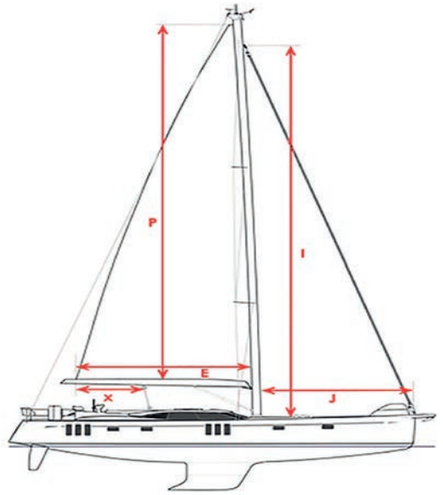
$$\text{Wind force per m}^2 = \frac{E^2 \times P^2 \times 0.02104 \times V^2}{(\sqrt{P^2 + E^2}) \times (E - X)}$$

(P) = is the luff length of the main-sail, measured along the aft face of the mast from the top of the boom to the highest point that the mainsail can be hoisted.

(V) = apparent wind speed in knots.

(X) = distance from aft end of boom to mainsheet attachment point in meters.

(E) = is the foot length of the main-sail, measured along the boom from the after face of the mast to the outermost point on the boom to which the main can be pulled.



Formula for calculating the wind force per m² of the sail.

$$\text{Wind force per m}^2 = SA \times V^2 \times 0.02104$$

(SA) = sail area in m²
(V) = wind speed in knots

Wind force per m² of the sail – example.*

WIND SPEED	FORCE
knots	kg
24	12
36	27
46	45

** calculated by monohull sailing yachts 7-16 m with dacron sails.*

SAILORS FOR SAILORS

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"Stop reading go sailing."

Lanex yachting team

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