

ALPHAROPES[®]

PRODUCT CATALOGUE





 **ALPHAROPES**

ALPHAROPES[®]

IN THE WORLD /

ARGENTINA / AUSTRALIA / AUSTRIA / BRAZIL / DENMARK / FRANCE / GERMANY
GREECE / HUNGARY / ITALY / LATVIA / NETHERLANDS / POLAND / PORTUGAL
SINGAPORE / SPAIN / UK / USA (East and West Coast)

41°01'43.03"N 08°34'59.38"W



ALPHA ROPES

Alpha Ropes[®] lines join advanced technology materials, a state-of-the-art production facility and a young but very experienced team. Therefore, Alpha Ropes[®] is all over in several boats in top sailing regattas such as America's Cup, Volvo Ocean Race, Vendee Globe, 52 Series, Maxi Class, Olympic Games, among many others major sailing events. Alpha Ropes[®] is a brand of Cotesi Yachting division.



COTESI

Cotesi - Companhia de Têxteis Sintéticos, S.A., founded in 1967, was the forerunner in Europe in the production of twine, nets and ropes made from synthetic and natural raw materials and is, today, one of the world's largest producers. A subsidiary of one of Portugal's strongest companies, Violas SGPS, and with over four decades of activity, the company has accumulated vast experience and tradition in the domestic and international markets. With a global presence, Cotesi is today the premier world player in distribution and supply channels, with strong units in Europe (Portugal, United Kingdom, Denmark, Germany, Belgium and France), North America (U.S.A and Canada) and South America (Brazil). A pioneer in its field, Cotesi's proactive technical innovation and constant research and development define the company's success.

● OFFICES

● OFFICES AND PRODUCTION



ALPHAROPES[®]

A WINNING TEAM /

A COTESI YACHTING DIVISION



- | | | | |
|-------------------------------|---|------------------------------|---------------------------|
| ★
Roff Tempo Team | ★
Álvaro Marinho / Miguel Nunes | ★
TMN Roff - Pogo 6,5 | ★
WB FIVE - X41 |
| ★
Sopot MR 2010 | ★
Britair - IMOCA 60 | ★
Porto Calero - RC44 | ★
Islas Canarias - J80 |
| ★
João Rodrigues RS:X | ★
Estrella Damm - IMOCA 60 | ★
Ricardo Santos (Bimba) | ★
Nacra Catamarans |
| ★
Caixa Galicia - TP52 | ★
Porto Calero - GP42 | ★
Alpharopes - Platu 25 | ★
Iberdola - TP52 |
| ★
St Moritz WMRT 2010 | ★
Vilagarcia - Platu 25 | ★
Bohemia Express - GS42R | ★
Criminal Mischief |
| ★
DSK90 - Swan 90 | ★
Kora 4 - Club Swan 42 | ★
Samba Pa Ti - TP52 | ★
BPI - Pogo 6,5 |
| ★
Pakea Bizkaya - IMOCA 60 | ★
Atalanta II - Farr 70 | ★
Indio - Wally 100 | ★
Flash |
| ★
Nerone - Farr 40 | ★
Desafio Español - Valencia 2005 / 2007 | | |

PRO RACE HIGHEST EXPECTATIONS

ROPES

BRAIDED PRODUCTS

ROPE GUIDE

ALPHA CUSTOM

SKINCOVER A SECOND LIFE

ROPES

ROPES GUIDE

REGATTA FOCUS ON SAILING

ROPES

ROPES GUIDE

CLASSIC ART & SOUL

ROPES

ROPES GUIDE

CRUISING EXPERIENCE & PLEASURE

ROPES

ROPES GUIDE

OLYMPIC LINE HIGHEST PERFORMANCE

ROPES

ROPES GUIDE

MOORING STRENGTH & TENACITY

ROPES

KITE / WINDSURF WITHIN THE LIMITS

ROPES

SAILMAKER TAILOR MADE

ROPES

ACCESSORIES

ACCESSORIES FOR BETTER RESULTS

ROPES



ALPHAROPES





PRO RACE

HIGHEST EXPECTATIONS

[ROPES](#)

[BRAIDED PRODUCTS](#)

[ROPE GUIDE](#)

[ALPHA CUSTOM](#)





D CORE 99



CONSTRUCTION

- Single braid
- 12 strand coated Dyneema®Sk99 core

FEATURES AND USES

- Ultimate performance core material
- Lightweight, excellent UV Resistance
- High dynamical load applications
- On average 20% stronger than SK78®

COLORS

- White • Grey • Black
- Yellow
- Other colors on demand

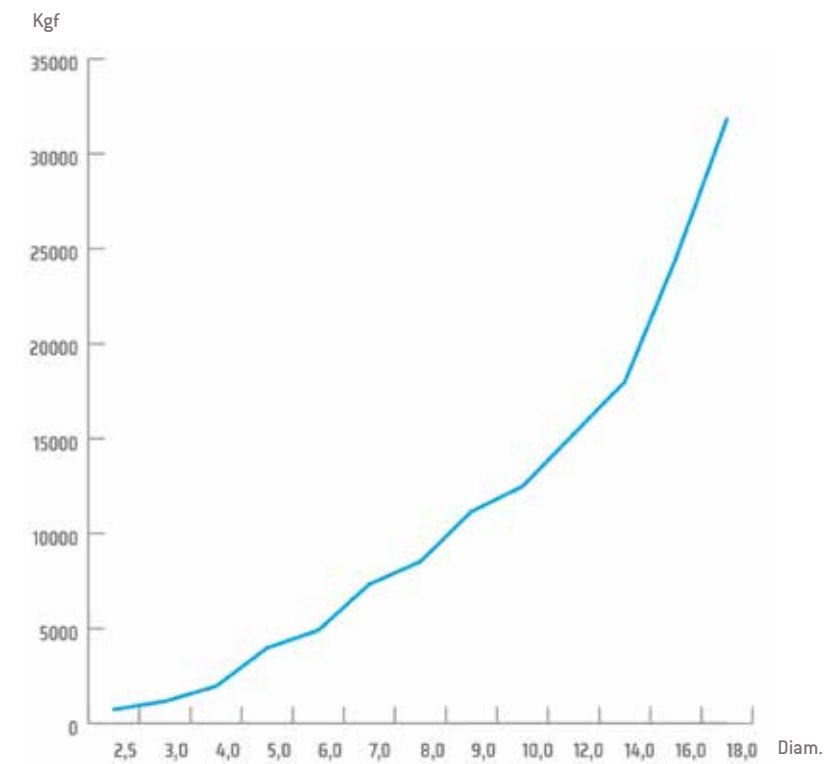
DIAMETERS

2,5 to 26
7/64" to 1 - 1/32"



D CORE 99

Diameter		Weight			Breaking Load		
mm	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
2,5	7/64	3,7	0,4	0,2	730	1 609	7,2
3	1/8	5	0,5	0,3	1 166	2 571	11,4
4	5/32	8,7	0,9	0,6	1 957	4 314	19,2
5	3/16	16	1,6	1,1	3 974	8 761	39,0
6	1/4	20,8	2,1	1,4	4 901	10 805	48,1
7	9/16	26	2,6	1,7	7 328	16 155	71,9
8	5/16	38	3,8	2,6	8 525	18 794	83,6
9	23/64	53	5,3	3,6	11 160	24 603	109,4
10	3/8	61	6,1	4,1	12 481	27 515	122,4
12	1/2	75	7,5	5,0	15 240	33 598	149,5
14	9/16	87	8,7	5,8	17 988	39 656	176,4
16	5/8	120	12,0	8,1	24 480	53 968	240,1
18	3/4	151	15,1	10,1	31 816	70 141	312,0





D-CUP 99



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK99 core
- 24 plait, HT Polyester cover
- 24 or 32 plait cover for + 14mm

FEATURES AND USES

- Super high load, all round uses
- Ideal to use in Halyards, sheets and guys

COLORS

- Mix Grey • Black • Royal blue
- Red • Green • Orange
- Yellow
- Other colors on demand

DIAMETERS

4 to 24mm
5/16" to 1"



D-CUP 99 Kmix



CONSTRUCTION

- Double braid
- 12 strand coated Dyneema®SK99 core
- 24 plait, HT Polyester + Cordura® cover

FEATURES AND USES

- Super High load uses
- Excellent grip on Jammers & Clutches
- Ideal to use in Halyards

COLORS

- Mix Grey • Black • Royal blue
- Red • Green • Orange
- Yellow
- Other colors on demand

DIAMETERS

4 to 10mm
5/16" to 3/8"



D-CUP 99 Kmix Kv



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK99 core
- 24 plait, Kevlar® + HT Polyester cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

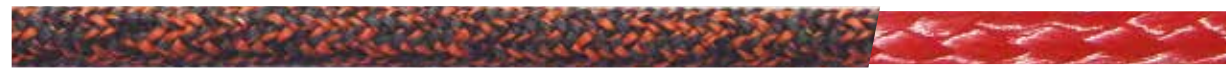
- Super High load uses
- Excellent grip on winches
- Ideal to use on sheets

COLORS

- Mix Gold (Kevlar®) • Grey
- Black • Royal blue • Red
- Green • Orange • Yellow
- Other colors on demand

DIAMETERS

6 to 24mm
1/4" to 1"



D-CUP 99 Kmix Tn



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK99 core
- 24 plait, Technora® + HT Polyester cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

- Super High load uses
- Excellent grip in Jammers & Clutches
- Good grip on winches
- Ideal to use on Halyards and Spinnaker sheets

COLORS

- Mix Black (Technora®) • Grey
- Black • Royal blue • Red
- Red • Green • Orange
- Yellow
- Other colors on demand

DIAMETERS

4 to 24mm
5/16" to 1"



D-CUP 99 Kmix Vt



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK99 core
- 24 plait, Vectran® + HT Polyester cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

- Super High load uses
- Excellent grip on winches
- Ideal to Genoa sheets

COLORS

- Mix Beige (Vectran®) • Grey
- Black • Royal blue • Red
- Green • Orange • Yellow
- Other colors on demand

DIAMETERS

4 to 24mm
5/16" to 1"



D-CUP 99 Kmix PBO/Vt



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK99 core
- 24 plait, PBO® + Vectran® cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

- Super High load uses
- Very strong chafe resistance
- Excellent grip on winches
- Ideal to Gennaker sheets

COLORS

- Mix Dark Gold (PBO) + Vectran® (Beige)

DIAMETERS

6 to 24mm
1/4" to 1"



D-CUP 99 Kmix PBO



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK99 core
- 24 plait, PBO® + HT Polyester cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

- Super High load uses
- Excellent abrasion resistance
- Ideal to Runners

COLORS

- Mix Dark Gold (PBO) • Grey
- Black • Royal blue • Red
- Green • Orange • Yellow
- Other colors on demand

DIAMETERS

6 to 24mm
1/4" to 1"



D-CUP 99 PBO



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK99 core
- 24 plait, PBO® cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

- Super High load uses
- Extreme chafe resistance
- Excellent grip on Jammers & Clutches
- Ideal to Runners

COLORS

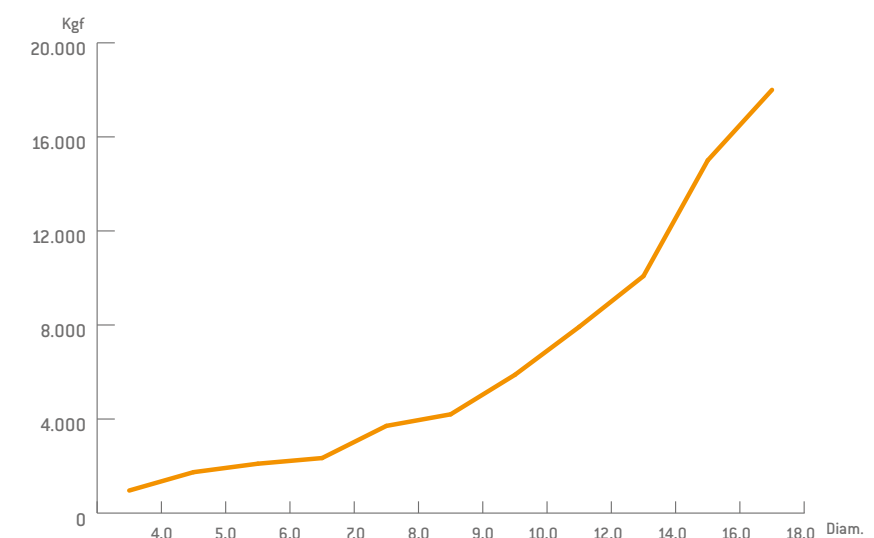
- Solid Dark Gold (PBO)

DIAMETERS

6 to 24mm
1/4" to 1"

D-CUP 99 / D-CUP 99 Kmix

Diameter		Weight			Breaking Load		
mm	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
4	5/32	14	1,4	0,9	960	2 116	9,4
5	3/16	17,8	1,8	1,2	1 740	3 836	17,1
6	1/4	22,3	2,2	1,5	2 100	4 630	20,6
7	9/32	28,4	2,8	1,9	2 340	5 159	22,9
8	5/16	41	4,1	2,8	3 708	8 175	36,4
9	3/8	54	5,4	3,6	4 200	9 259	41,2
10	1/3	60	6,0	4,0	5 880	12 963	57,7
12	1/2	95	9,5	6,4	7 920	17 460	77,7
14	9/16	129	12,9	8,7	10 080	22 222	98,9
16	5/8	172	17,2	11,6	15 000	33 069	147,1
18	3/4	184	18,4	12,4	18 000	39 683	176,5





D CORE 99 XTM



CONSTRUCTION

- Single braid
- 12 strand coated Dyneema® Sk99 core with an extreme pre-stretch

FEATURES AND USES

- Ultimate performance core material
- Lightweight, excellent UV Resistance
- High dynamical load applications
- Unmatched strength-to-ratio results
- On average 20% stronger than SK78®

COLORS

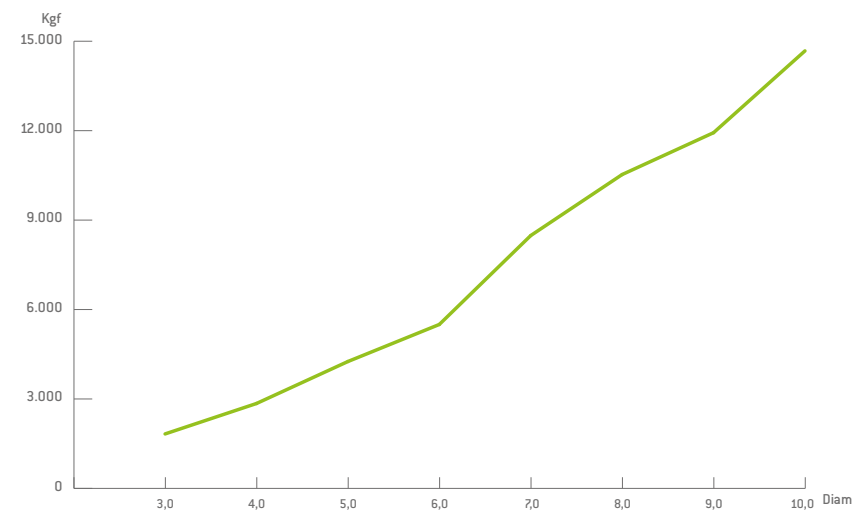
- White • Grey • Black • Yellow
- Other colors on demand

DIAMETERS

3 to 10mm
1/8" to 3/8"

D CORE 99 XTM

Diameter		Weight			Breaking Load		
mm	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
3	1/8	7,03	0,7	0,5	1 827	4 028	17,9
4	5/32	12	1,2	0,8	2 848	6 279	27,9
5	3/16	17,5	1,8	1,2	4 256	9 383	41,7
6	1/4	24,5	2,5	1,6	5 499	12 123	53,9
7	9/16	30	3,0	2,0	8 481	18 697	83,2
8	5/16	44	4,4	3,0	10 528	23 210	103,2
9	23/64	59	5,9	4,0	11 932	26 305	117,0
10	3/8	67,3	6,7	4,5	14 676	32 354	143,9



D-CUP 99 XTM



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk99 core with an extreme pre-stretch
- 24 plait, HT Polyester cover

FEATURES AND USES

- Super high load uses
- Unmatched strength-to-ratio results
- On average 20% stronger than SK78
- When zero elongation is needed
- Ideal to use in halyards and Guys

COLORS

- Mix Grey • Black • Royal blue • Red • Green • Orange • Yellow
- Other colors on demand

DIAMETERS

5 to 14mm
3/16" to 9/16"



D-CUP 99 XTM Kmix



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk99 core with an extreme pre-stretch
- 24 plait, HT Polyester + Cordura® cover

FEATURES AND USES

- Super high load uses • When zero elongation is needed • Unmatched strength-to-ratio results • On average 20% stronger than SK78 • Excellent grip on Jammers & Clutches • Ideal use in Halyards

COLORS

- Mix Grey • Black • Royal Blue • Red • Green • Orange • Yellow
- Other colors on demand

DIAMETERS

5 to 14mm
3/16" to 9/16"



D-CUP 99 XTM Kmix Kv



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk99 core with an extreme pre-stretch
- 24 plait, Kevlar® + HT Polyester cover

FEATURES AND USES

- Super High load uses • Unmatched strength-to-ratio results • On average 20% stronger than SK78 • Excellent grip on winches • Ideal to use on sheets and Guys

COLORS

- Mix Gold (Kevlar®) / Grey • Black • Royal blue • Red • Green • Orange • Yellow
- Other colors on demand

DIAMETERS

6 to 14mm
1/4" to 9/16"



D-CUP 99 XTM Kmix Tn



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk99 core with an extreme pre-stretch
- 24 plait, Technora® + HT Polyester cover

FEATURES AND USES

- Super high load uses • Unmatched strength-to-ratio results • On average 20% stronger than SK78 • Excellent grip on Jammers & Clutches • Good grip on winches • Ideal for spinnaker sheets.

COLORS

- Mix Black (Technora®) • Grey • Black • Royal blue • Red • Green • Orange • Yellow
- Other colors on demand

DIAMETERS

5 to 14mm
3/16" to 9/16"



D-CUP 99 XTM Kmix Vt



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk99 core with an extreme pre-stretch
- 24 plait, Vectran® + HT Polyester + cover

FEATURES AND USES

- Super High load uses • Unmatched strength-to-ratio results • On average 20% stronger than SK78 • Good grip in winches • When zero elongation is needed • Ideal to sheets

COLORS

- Mix Vectran® (beige) • Grey • Black • Royal blue • Red • Green • Orange • Yellow
- Other colors on demand

DIAMETERS

5 to 14mm
3/16" to 9/16"



D-CUP 99 XTM Kmix PBO



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk99 core with an extreme pre-stretch
- 24 plait, PBO® + HT Polyester cover

FEATURES AND USES

- Super high load uses • Unmatched strength-to-ratio results • On average 20% stronger than SK78 • Excellent abrasion resistance • When zero elongation is needed • Ideal to use on Runners

COLORS

- Mix Dark Gold PBO® • Grey • Black • Royal blue • Red • Green • Orange • Yellow
- Other colors on demand

DIAMETERS

6 to 14mm
1/4" to 9/16"



D-CUP 99 XTM Kmix PBO/Vt



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk99 core with an extreme pre-stretch
- 24 plait, PBO® + Vectran®

FEATURES AND USES

- Super high load uses • Unmatched strength-to-ratio results • On average 20% stronger than SK78 • Strong abrasion resistance • When zero elongation is needed • Ideal to Gennaker sheets

COLORS

- Mix Dark Gold PBO + Vectran® (Beige)

DIAMETERS

6 to 14mm
1/4" to 9/16"



D-CUP 99 XTM PBO

CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK99 core with an extreme pre-stretch
- 24 plait, PBO® cover

FEATURES AND USES

- Super high loads uses • Unmatched strength-to-ratio results • On average 20% stronger than SH78 • Extreme chafe resistance
- Excellent grip on winches • Ideal for runners and backstays

COLORS

- Solid Dark Gold (PBO)

DIAMETERS

6 to 14mm
1/4" to 9/16"



D CORE 78

CONSTRUCTION

- Single braid • 12 strand coated Dyneema® Sk78 core

FEATURES AND USES

- Lightweight • Excellent UV Resistance
- High dynamical load applications

COLORS

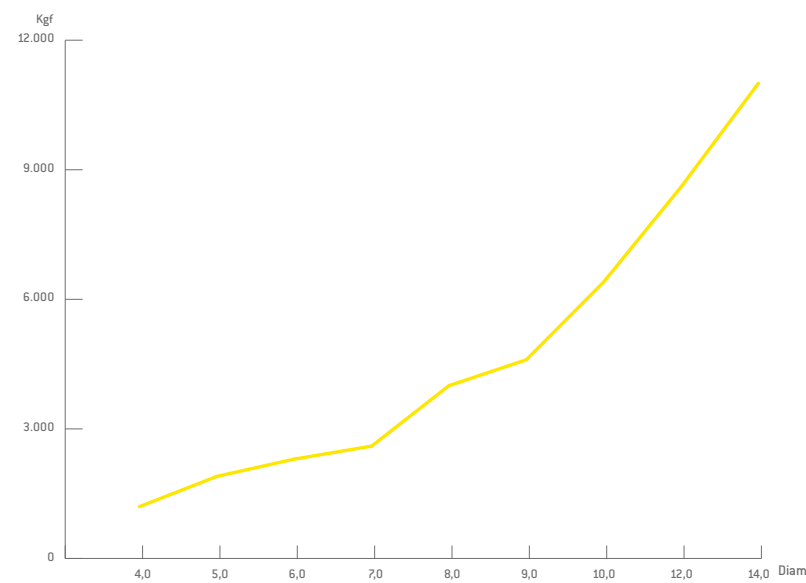
- White • Grey • Black
- Yellow
- Other colors on demand

DIAMETERS

2,5 to 26 mm
7/64" to 1 - 1/32"

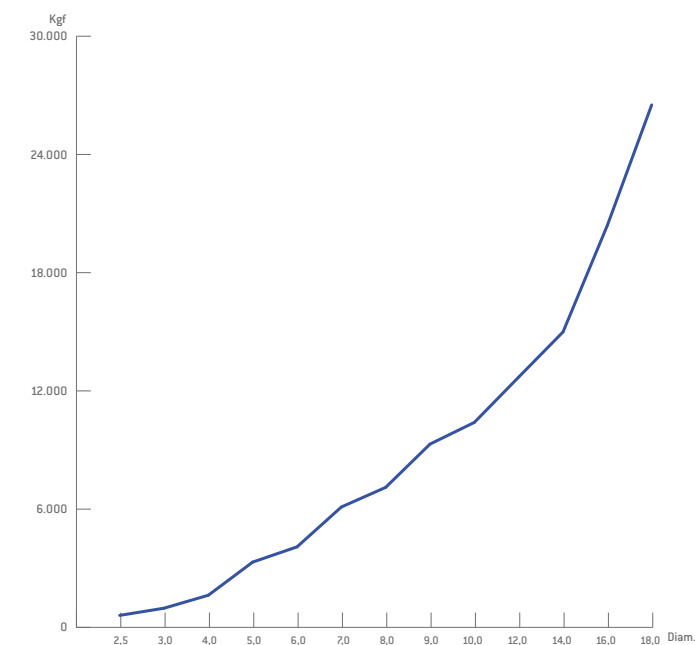
D-CUP 99 XTM / D-CUP 99 Kmix

Diameter		Weight			Breaking Load		
mm	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
4	5/32	15,2	1,5	1,0	1 248	2 751	12,2
5	3/16	22	2,2	1,5	1 896	4 180	18,6
6	1/4	27	2,7	1,8	2 289	5 046	22,4
7	9/32	38	3,8	2,6	2 550	5 622	25,0
8	5/16	55	5,5	3,7	4 041	8 909	39,6
9	3/8	59	5,9	4,0	4 578	10 093	44,9
10	1/3	73	7,3	4,9	6 409	14 129	62,9
12	1/2	114	11,4	7,7	8 632	19 030	84,7
14	9/16	155	15,5	10,4	10 980	24 206	107,7



D CORE 78

Diameter		Weight			Breaking Load		
mm	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
2,5	7/64	3,7	0,4	0,2	608	1 340	6,0
3	1/8	5	0,5	0,3	972	2 143	9,5
4	5/32	8,7	0,9	0,6	1 631	3 596	16,0
5	3/16	16	1,6	1,1	3 312	7 302	32,5
6	1/4	20,8	2,1	1,4	4 084	9 004	40,1
7	9/16	26	2,6	1,7	6 107	13 463	59,9
8	5/16	38	3,8	2,6	7 104	15 661	69,7
9	23/64	53	5,3	3,6	9 300	20 503	91,2
10	3/8	61	6,1	4,1	10 401	22 930	102,0
12	1/2	75	7,5	5,0	12 700	27 998	124,5
14	9/16	87	8,7	5,8	14 990	33 047	147,0
16	5/8	120	12,0	8,1	20 400	44 974	200,1
18	3/4	151	15,1	10,1	26 513	58 450	260,0





D-CUP 78



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK78 core
- 24 plait, HT Polyester cover
- 24 or 32 plait cover for + 14mm

FEATURES AND USES

- High load all round uses
- Ideal to use on Halyards, sheets and guys

COLORS

- Mix Grey • Black
- Royal blue • Red • Green
- Orange • Yellow
- Other colors on demand

DIAMETERS

4 to 24mm
5/16" to 1"



D-CUP 78 Kmix



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK78 core
- 24 plait, Kevlar® + HT Polyester + Cordura® cover

FEATURES AND USES

- High load uses
- Excellent grip on jammers & Clutches
- Ideal to use in Halyards

COLORS

- Mix Grey • Grey • Black
- Royal blue • Red • Green
- Orange • Yellow
- Other colors on demand

DIAMETERS

4 to 24mm
5/16" to 1"



D-CUP 78 Kmix Kv



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK78 core
- 24 plait, Kevlar® + HT Polyester cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

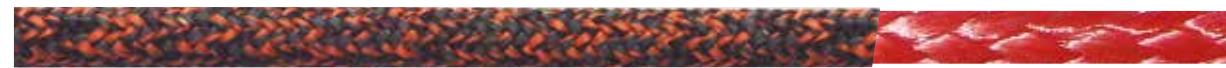
- High load uses
- Excellent grip on winches
- Ideal for Genoa sheets

COLORS

- Mix Gold [Kevlar®] • Grey
- Black • Royal blue • Red
- Green • Orange • Yellow
- Other colors on demand

DIAMETERS

6 to 24mm
1/4" to 1"



D-CUP 78 Kmix Tn



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK78 core
- 24 plait, Technora® + HT Polyester cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

- High load all round uses
- Excellent grip on Jammers & Clutches
- Good grip in winches
- Ideal for spinnaker sheets

COLORS

- Mix Black [Technora®] • Grey
- Black • Royal blue • Red
- Green • Orange • Yellow
- Other colors on demand

DIAMETERS

4 to 24mm
5/16" to 1"



D-CUP 78 Kmix Vt



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK78 core
- 24 plait, Vectran® + HT Polyester cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

- High load uses
- Excellent grip on winches
- Ideal for genoa sheets

COLORS

- Mix Beige [Vectran®] • Grey
- Black • Royal blue • Red
- Green • Orange • Yellow
- Other colors on demand

DIAMETERS

4 to 24mm
5/16" to 1"



D-CUP 78 Kmix PBO/Vt



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK78 core
- 24 plait, PBO + Vectran® cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

- High load uses
- Strong abrasion resistance
- Ideal for Gennaker sheets

COLORS

- Mix dark gold [PBO] + Beige [Vectran®]

DIAMETERS

6 to 24mm
1/4" to 1"



D-CUP 78 Kmix PBO



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK78 core
- 24 plait, PBO + HT Polyester cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

- High load uses
- Excellent abrasion resistance
- Ideal for Runners

COLORS

- Mix Dark Gold [PBO]
- Black • Royal blue • Red
- Green • Orange • Yellow
- Other colors on demand

DIAMETERS

6 to 24mm
1/4" to 1"



D-CUP 78 PBO



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK78 core
- 24 plait, PBO cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

- High load uses
- Extreme chafe resistance
- Ideal for Runners

COLORS

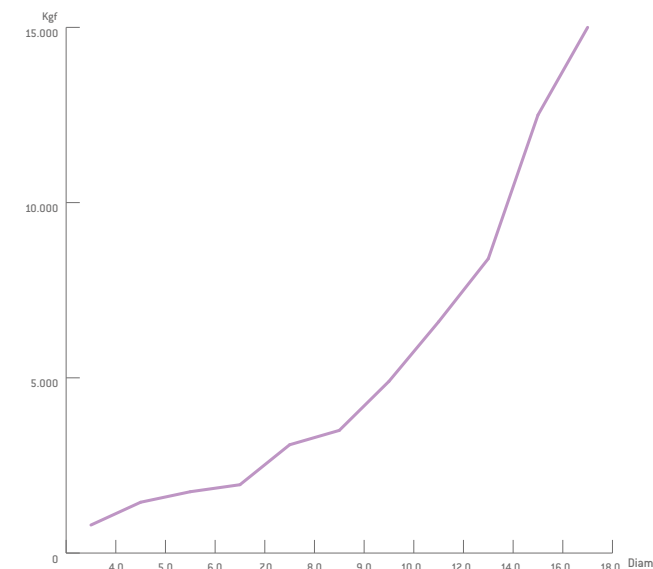
- Solid Dark Gold [PBO]

DIAMETERS

6 to 24mm
1/4" to 1"

D-CUP 78 / D-CUP 78 Kmix

Diameter		Weight			Breaking Load		
mm	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
4	5/16	14	1,4	0,9	800	1 764	7,8
5	3/8	17,8	1,8	1,2	1 450	3 197	14,2
6	1/2	22,3	2,2	1,5	1 750	3 858	17,2
7	9/16	28,4	2,8	1,9	1 950	4 299	19,1
8	5/8	41	4,1	2,8	3 090	6 812	30,3
9	3/4	54	5,4	3,6	3 500	7 716	34,3
10	13/16	60	6,0	4,0	4 900	10 802	48,1
12	1/2	95	9,5	6,4	6 600	14 550	64,7
14	9/16	129	12,9	8,7	8 400	18 519	82,4
16	5/8	172	17,2	11,6	12 500	27 557	122,6
18	3/4	184	18,4	12,4	15 000	33 069	147,1





D CORE 78 XTM



CONSTRUCTION

- Single braid • 12 strand coated Dyneema® Sk78 core with an extreme pre-stretch

FEATURES AND USES

- Lightweight
- Excellent UV resistance
- High dynamical load applications
- When zero elongation is needed

COLORS

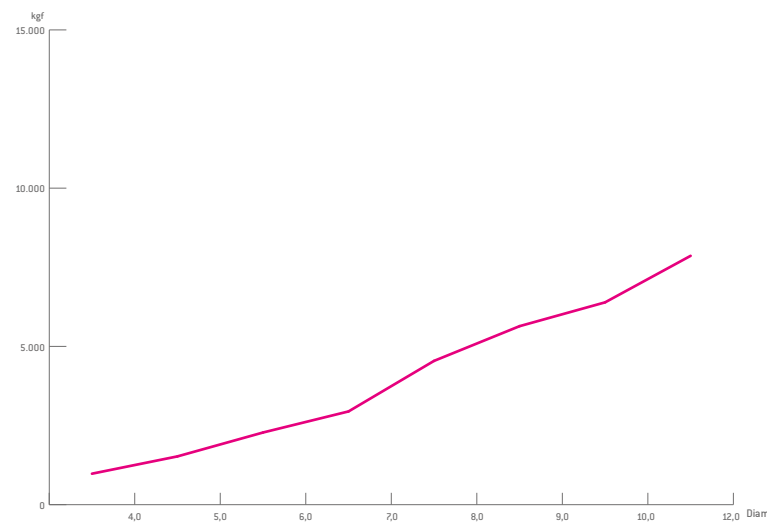
- White • Grey • Black • Yellow
- Other colors on demand

DIAMETERS

- 3 to 10mm
- 1/8" to 3/8"

D CORE 78 XTM

Diameter		Weight			Breaking Load		
mm	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
3	1/8	7,03	0,7	0,5	1 631	3 596	16,0
4	5/32	12	1,2	0,8	2 543	5 606	24,9
5	3/16	17,5	1,8	1,2	3 800	8 377	37,3
6	1/4	24,5	2,5	1,6	4 910	10 825	48,2
7	9/16	30	3,0	2,0	7 572	16 693	74,3
8	5/16	44	4,4	3,0	9 400	20 723	92,2
9	23/64	59	5,9	4,0	10 654	23 488	104,5
10	3/8	67,3	6,7	4,5	13 104	28 889	128,5



D-CUP 78 XTM



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk78 core with an extreme pre-stretch
- 24 plait, HT Polyester cover

FEATURES AND USES

- High load all round uses
- Where zero elongation is needed
- Ideal for Guys

COLORS

- Mix Grey • Black • Royal blue • Red • Green • Orange
- Yellow
- Other colors on demand

DIAMETERS

- 5 to 14mm
- 3/16" to 9/16"



D-CUP 78 XTM Kmix



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk78 core with an extreme pre-stretch
- 24 plait HT Polyester + Cordura® cover

FEATURES AND USES

- High load all round uses
- When zero elongation is needed
- Excellent grip on Jammers & Clutches
- Ideal for Halyards

COLORS

- Mix Grey • Black • Royal blue • Red • Green • Orange
- Yellow
- Other colors on demand

DIAMETERS

- 5 to 14mm
- 3/16" to 9/16"



D-CUP 78 XTM Kmix Kv



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk78 core with an extreme pre-stretch
- 24 plait, Kevlar® + HT Polyester cover

FEATURES AND USES

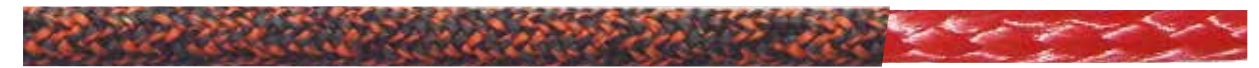
- High load uses
- When zero elongation is needed
- Excellent grip on winches
- Ideal for Guys

COLORS

- Mix Beige (Kevlar®) • Black
- Royal blue • Red • Green
- Orange • Yellow
- Other colors on demand

DIAMETERS

- 6 to 14mm
- 1/4" to 9/16"



D-CUP 78 XTM Kmix Tn



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk78 core with an extreme pre-stretch
- 24 plait, Technora® + HT Polyester cover

FEATURES AND USES

- High load uses
- When zero elongation is needed
- Excellent grip on Jammers & Clutches
- Good grip in winches
- Ideal for Spinnaker sheets

COLORS

- Mix Black (Technora®) • Grey
- Black • Royal blue • Red
- Green • Orange • Yellow
- Other colors on demand

DIAMETERS

- 5 to 14mm
- 3/16" to 9/16"



D-CUP 78 XTM Kmix Vt



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk78 core with an extreme pre-stretch
- 24 plait, Vectran® + HT Polyester cover

FEATURES AND USES

- High load uses
- When zero elongation is needed
- Good grip on winches
- Ideal for genoa sheets

COLORS

- Mix beige (Vectran®) • grey
- black • royal blue • red
- green • orange • yellow
- Other colors on demand

DIAMETERS

- 5 to 14mm
- 3/16" to 9/16"



D-CUP 78 XTM Kmix PBO



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK78 core with an extreme pre-stretch
- 24 plait, PBO® + HT Polyester cover

FEATURES AND USES

- High load uses
- When zero elongation is needed
- Excellent abrasion resistance
- Ideal for Runners

COLORS

- Mix Dark Gold (PBO) • Grey
- Black • Royal blue • Red
- Green • Orange • Yellow
- Other colors on demand

DIAMETERS

6 to 14mm
1/4" to 9/16"



D-CUP 78 XTM Kmix PBO Vt



CONSTRUCTION

- Double braid • 12 strand coated Dyneema®SK78 core with an extreme pre-stretch
- 24 plait, PBO® + Vectran® cover

FEATURES AND USES

- High Load uses
- When zero elongation is needed
- Very Strong chafe résistance
- Ideal for Gennaker sheets

COLORS

- Mix Dark Gold (PBO) + Vectran® (Beige)

DIAMETERS

6 to 14mm
1/4" to 9/16"



D-CUP 78 XTM PBO



CONSTRUCTION

- Double braid
- 12 strand coated Dyneema®SK78 core with an extreme pre-stretch
- 24 plait PBO® cover

FEATURES AND USES

- High load all round uses
- When zero elongation is needed
- Extreme abrasion resistance
- Ideal for Runners and backstays

COLORS

- Solid Dark Gold (PBO)

DIAMETERS

6 to 14mm
1/4" to 9/16"



LIFELINE



CONSTRUCTION

- Double braid
- 12 strand coated Dyneema®SK78 with an extreme pre-stretch
- 32 plait coated cover

FEATURES AND USES

- Extreme low stretch
- Life lines

COLORS

- Dark Grey or White

DIAMETERS

6mm
1/4"



Z CORE



CONSTRUCTION

- 12 strand coated PBO® core

FEATURES AND USES

- Extreme low stretch
- Extreme high loads loops
- Very technical please ask us for advice

COLORS

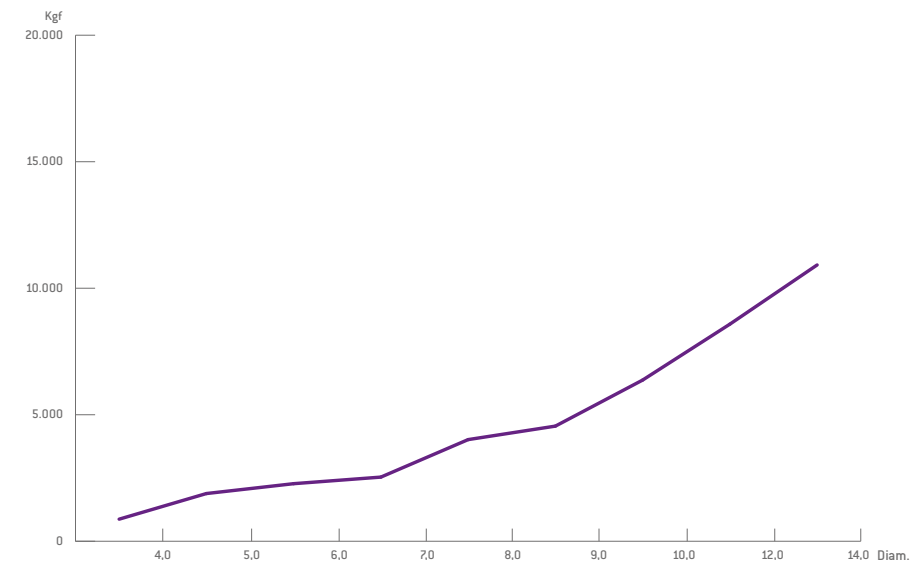
- Dark Gold (PBO)

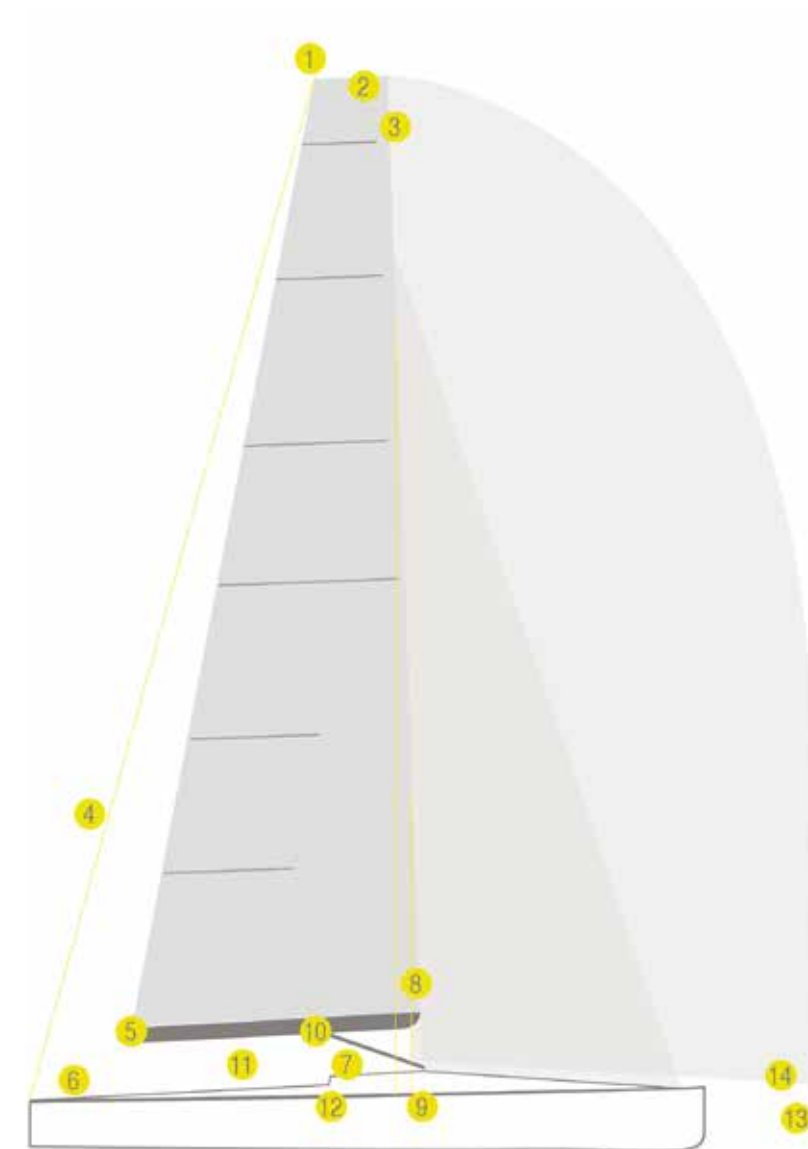
DIAMETERS

3 to 26 mm
1/8" to 1-1/32"

D-CUP 78 XTM / D-CUP 78 XTM Kmix

Diameter		Weight			Breaking Load		
mm	inches	ktex	Kg/100m	lbs/100ft	kgf	lbf	kN
6	1/4	27	2,7	1,8	2 275	5 015	22,3
7	9/32	38	3,8	2,6	2 535	5 589	24,9
8	5/16	55	5,5	3,7	4 017	8 856	39,4
9	3/8	59	5,9	4,0	4 550	10 031	44,6
10	1/3	73	7,3	4,9	6 370	14 043	62,5
12	1/2	114	11,4	7,7	8 580	18 915	84,1
14	9/16	155	15,5	10,4	10 920	24 074	107,1





- 1 Main Halyard**
D-Cup 99 Kmix
D-Cup 99 Kmix Tn
D-Cup 78 Kmix
D-Cup 78 Kmix Tn
- 2 Genoa Halyard**
D-Cup 99 Kmix
D-Cup 99 Kmix Tn
D-Cup 78 Kmix
- 3 Spinnaker / Gennaker Halyard**
D-Cup 99 Kmix
D-Cup 99 Kmix Tn
D-Cup 78 Kmix
D-Cup 78 Kmix Tn
- 4 Backstay / Runner**
D Core 99 XTM
D Core 78 XTM
- 5 Outhall**
D Core 99 XTM
D-Cup 99 XTM
D-Core 78 XTM
D-Cup 78 XTM
- 6 Mainsheet**
D-Cup 99 Kmix Kv
D-Cup 99
D-Cup 78 Kmix Kv
D-Cup 78
- 7 Boom Vang**
D Core 99
D-Cup 99
D Core 78
D-Cup 78
- 8 Cunningham**
D-Cup 78
D Core 78
- 9 Genoa Sheet**
D-Cup 99 Kmix Kv
D-Cup 99
D-Cup 78 Kmix Kv
D-Cup 78
- 10 Spinnaker / Gennaker Sheet**
D-Cup 99 Kmix P80/Vt
D-Cup 78 Kmix P80/Vt
D-Cup 99 Kmix Tn
D-Cup 78 Kmix Tn
- 11 Guys**
D-Cup 99 XTM Kmix Tn
D-Cup 78 XTM Kmix Tn
- 12 Lifeline**
Lifeline
- 13 Spi down hauler**
D-Cup 99 Kmix Special
D-Cup 78 Kmix Special
- 14 Spi topping lift**
D-Cup 78



SKINCOVER

A SECOND LIFE

ROPES

ROPE GUIDE





NEW STRENGTH



SKINCOVER PES



CONSTRUCTION

- Single braid
- 32 plait, HT Polyester

FEATURES AND USES

- All round cover
- Good for use as covers in halyards
- Sheets and control lines

COLORS

- Mix Grey • Black • Royal blue • Red • Green • Orange • Yellow
- Other colors on demand

DIAMETERS

- 4 to 7/1/8" to 7/32"
- 8 to 11/5/16" to 7/16"
- 12 to 15/1/2" to 5/8"
- 16 to 20/5/7" to 7/8"

SKINCOVER KMIX



CONSTRUCTION

- Single braid
- 32 plait, HT Polyester + Cordura®

FEATURES AND USES

- All round cover
- Good for use as covers in halyards and control lines

COLORS

- Mix Grey • Grey • Black • Royal blue • Red • Green • Orange • Yellow
- Other colors on demand

DIAMETERS

- 4 to 7/1/8" to 7/32"
- 8 to 11/5/16" to 7/16"
- 12 to 15/1/2" to 5/8"
- 16 to 20/5/7" to 7/8"

SKINCOVER KMIX SPECIAL



CONSTRUCTION

- Single braid
- 32 plait, HT Polyester + slippery fiber

FEATURES AND USES

- Good for use as covers in halyards

COLORS

- Mix Grey/White • Grey • Black • Royal blue • Red • Green • Orange • Yellow
- Other colors on demand

DIAMETERS

- 4 to 7/1/8" to 7/32"
- 8 to 11/5/16" to 7/16"
- 12 to 15/1/2" to 5/8"
- 16 to 20/5/7" to 7/8"

SKINCOVER KMIX KV



CONSTRUCTION

- Single braid
- 32 plait, Kevlar® + HT Polyester

FEATURES AND USES

- Good heat resistance
- Good for use as covers in sheets

COLORS

- Mix Gold (Kevlar®) • Grey • Black • Royal blue • Red • Green • Orange • Yellow
- Other colors on demand

DIAMETERS

- 4 to 7/1/8" to 7/32"
- 8 to 11/5/16" to 7/16"
- 12 to 15/1/2" to 5/8"
- 16 to 20/5/7" to 7/8"

SKINCOVER KMIX TN



CONSTRUCTION

- Single braid
- 32 plait, Technora® + Polyester

FEATURES AND USES

- Good heat resistance
- Good for use as covers in spinnaker sheets

COLORS

- Mix Black (Technora)
- Black • Royal blue • Red • Green • Orange • Yellow
- Other colors on demand

DIAMETERS

- 4 to 7/1/8" to 7/32"
- 8 to 11/5/16" to 7/16"
- 12 to 15/1/2" to 5/8"
- 16 to 20/5/7" to 7/8"

SKINCOVER KMIX TN MAXI



CONSTRUCTION

- Single braid
- 32 plait 70% Technora® + 30% HT Polyeste

FEATURES AND USES

- Extra high heat resistance
- Good for use as covers in gennakers sheets

COLORS

- Mix Black (Technora®)
- Grey • Black • Royal blue • Red • Green • Orange • Yellow
- Other colors on demand

DIAMETERS

- 4 to 7/1/8" to 7/32"
- 8 to 11/5/16" to 7/16"
- 12 to 15/1/2" to 5/8"
- 16 to 20/5/7" to 7/8"



SKINCOVER KMIX VT



CONSTRUCTION

- Single braid
- 32 plait, Vectran® + HT Polyester

FEATURES AND USES

- Good heat resistance
- Good for use as covers in sheets

COLORS

- Mix Beige (Vectran) • Grey
- Black • Royal blue • Red
- Green • Orange • Yellow
- Other colors on demand

DIAMETERS

4 to 7 / 1/8" to 7/32"
 8 to 11 / 5/16" to 7/16"
 12 to 15 / 1/2" to 5/8"
 16 to 20 / 5/7" to 7/8"



SKINCOVER KMIX PBO



CONSTRUCTION

- Single braid
- 32 plait, PBO® + HT Polyester

FEATURES AND USES

- Excellent heat resistance
- Good for use as covers in runners

COLORS

- Mix Dark Goldβ (PBO®)
- Grey
- Black • Royal blue • Red
- Green • Orange • Yellow
- Other colors on demand

DIAMETERS

4 to 7 / 1/8" to 7/32"
 8 to 11 / 5/16" to 7/16"
 12 to 15 / 1/2" to 5/8"
 16 to 20 / 5/7" to 7/8"



SKINCOVER PBO/Vt



CONSTRUCTION

- Single braid
- 32 plait Vectran® + PBO®

FEATURES AND USES

- Good heat resistance
- Good for use as covers in sheets
- Very smooth

COLORS

- Mix Beige (Vectran®)
- Dark gold (PBO®)

DIAMETERS

4 to 7 / 1/8" to 7/32"
 8 to 11 / 5/16" to 7/16"
 12 to 15 / 1/2" to 5/8"
 16 to 20 / 5/7" to 7/8"



SKINCOVER VECTRAN



CONSTRUCTION

- Single braid
- 32 plait Vectran

FEATURES AND USES

- Good heat resistance
- Good choice for extra grip on jammers
- Extreme durability

COLORS

- Solid Beige (Vectran®)

DIAMETERS

4 to 7 / 1/8" to 7/32"
 8 to 11 / 5/16" to 7/16"
 12 to 15 / 1/2" to 5/8"
 16 to 20 / 5/7" to 7/8"



SKINCOVER PBO



CONSTRUCTION

- Single braid
- 32 plait Zylon®

FEATURES AND USES

- Extreme heat resistance
- Good for use as covers in Runners

COLORS

- Dark Gold (PBO)

DIAMETERS

4 to 7 / 1/8" to 7/32"
 8 to 11 / 5/16" to 7/16"
 12 to 15 / 1/2" to 5/8"
 16 to 20 / 5/7" to 7/8"



D COVER 32



CONSTRUCTION

- Single braid
- 32 plait

FEATURES AND USES

- Extreme high abrasion and UV resistance
- Excellent to cover continues chafe points in sheets and halgards

COLORS

- Black (coated)
- White

DIAMETERS

4 to 7 / 1/8" to 7/32"
 8 to 11 / 5/16" to 7/16"
 12 to 15 / 1/2" to 5/8"
 16 to 20 / 5/7" to 7/8"



D COVER 40



CONSTRUCTION

- Single braid
- 40 plait

FEATURES AND USES

- Extreme high abrasion and UV resistance
- Excellent to cover continues chafe points In Sheets and halgards very smooth

COLORS

- Dark Grey (coated)
- White

DIAMETERS

4 to 7 / 1/8" to 7/32"
 8 to 11 / 5/16" to 7/16"
 12 to 15 / 1/2" to 5/8"
 16 to 20 / 5/7" to 7/8"

 **A SECOND LIFE**





REGATTA

FOCUS ON SAILING

ROPES

ROPE GUIDE





D CORE 78



CONSTRUCTION

- Single braid
- 12 strand coated Dyneema® Sk78 core

FEATURES AND USES

- Lightweight
- Excellent UV Resistance
- High dynamical load applications

COLORS

- White • Grey • Black
- Yellow
- Other colors on demand

DIAMETERS

2,5 to 26 mm
7/64" to 1-1/32"



V CORE



CONSTRUCTION

- Single braid
- 12 strand coated Vectran® core

FEATURES AND USES

- Low creep
- Low stretch
- Control lines
- Ruder systems

COLORS

- Beige (Vectran®)

DIAMETERS

3 to 26mm
1/8" to 1-1/32"



V- CUP



CONSTRUCTION

- Double braid • 12 strand coated Vectran core • 24 plait, HT Polyester cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

- High load Uses
- Low Creep
- Halyards
- After guys

COLORS

- Mix Grey • Black • Royal blue • Red • Green • Orange
- Yellow
- Other colors on demand

DIAMETERS

4 to 24mm
5/16" to 1"



D-CUP 78



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk78 core • 24 plait, HT Polyester cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

- High load all round uses
- Ideal to use in halyards, sheets and guys

COLORS

- Mix Grey • Black • Royal blue • Red • Green
- Orange • Yellow
- Other colors on demand

DIAMETERS

4 to 24mm
5/16" to 1"



D-CUP 78 Kmix



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk78 core • 24 plait, Technora® + HT Polyester cover • 24 or 32 plait cover + Cordura® cover

FEATURES AND USES

- High load all round uses
- Excellent grip on jammers & Clutches
- Ideal for halyards

COLORS

- Mix Grey • Black • Royal blue • Red
- Green • Orange • Yellow
- Other colors on demand

DIAMETERS

5/16" to 1/2"



D-CUP 78 Kmix Tn



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk78 core • 24 plait, Technora® + HT Polyester cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

- High load uses
- Excellent grip on jammers & Clutches
- Good grip in winches
- Ideal for spinnaker sheets

COLORS

- Mix Black (Technora®)
- Grey • Black • Royal blue
- Red • Green • Orange
- Yellow
- Other colors on demand

DIAMETERS

4 to 24mm
5/16" to 1"



Top Cruiser MAX



CONSTRUCTION

• Double braid • 12 strand coated Dyneema®SK78 + PP Multi cor • 24 plait polyester cover • 24 or 32 plait cover for the + 14mm

FEATURES AND USES

• High load all round uses
• Very strong cover
• Excellent choice for halyards and sheets

COLORS

• Grey + fleck in • Black
• Royal blue • Red • Green
• Orange • Yellow
• Other colors on demand

DIAMETERS

6 to 24mm
1/4" to 1"



Top Cruiser MAX Kmix



CONSTRUCTION

• Double braid • 12 strand coated Dyneema®SK78 + PP Multi core
• 24 plait polyester + Cordura® cover

FEATURES AND USES

• High load all round uses
• Very strong cover
• Excellent choice for halyards

COLORS

• Mix White • Black • Royal blue • Red • Green • Orange • Yellow
• Other colors on demand

DIAMETERS

6 to 12mm
1/4" to 1/2"



Ultraneema Pro



CONSTRUCTION

• Triple braid • 16 strand Dyneema®SK78 core
• Intermediate polyester spun cover • 32 plait HT Polyester cover

FEATURES AND USES

• High load all round uses
• Very strong covers
• Not able to tapering excellent choice for halyards and sheets

COLORS

• White + fleck in • Black
• Royal blue • Red • Green
• Orange • Yellow
• Other colors on demand

DIAMETERS

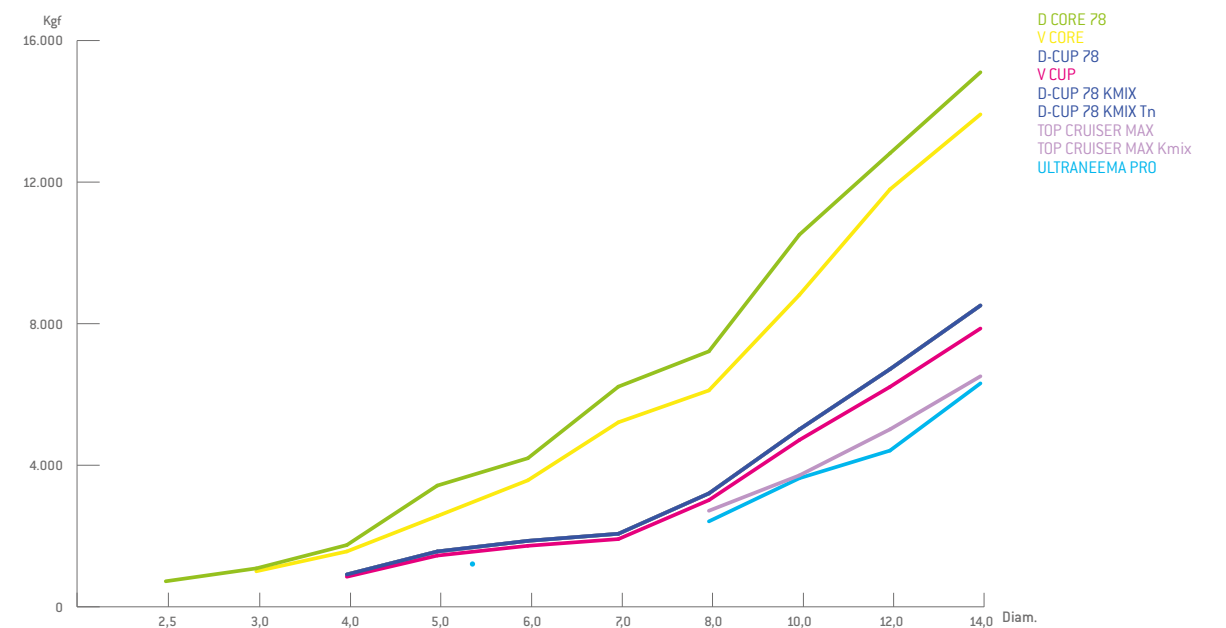
8 to 16mm
5/16" to 5/8"

REGATTA- Focus on Sailing

Breaking strength Kgf

		mm / Inches									
		2,5mm 7/64"	3mm 1/8"	4mm 5/32"	5mm 3/16"	6mm 1/4"	7mm 9/16"	8mm 5/16"	10mm 3/8"	12mm 1/2"	14mm 9/16"
D CORE 78	Gr/mt B.Load	3,7 608	5 972	8,7 1631	16 3312	20,8 4084	26 6107	38 7104	61 10401	75 12.700	87 14.990
V CORE	Gr/mt B.Load	X	7 890	12 1.450	23 2.450	30 3.460	43 5.100	59 6.000	88 8.700	134 11.680	168 13.800
D-CUP 78	Gr/mt B.Load	X	X	14 800	17,8 1.450	22,3 1.750	28,4 1.950	41 3.090	60 4.900	95 6.600	129 8.400
V CUP	Gr/mt B.Load	X	X	736	27 1.334	30 1.610	40 1.800	57 2.900	90 .4600	188 6.100	255 7.750
D-CUP 78 KMIX	Gr/mt B.Load	X	X	14 800	17,8 1.450	22,3 1.750	28,4 1.950	41 3.090	60 4.900	95 6.600	129 8.400
D-CUP 78 KMIX Tn	Gr/mt B.Load	X	X	14 800	17,8 1.450	22,3 1.750	28,4 1.950	41 3.090	60 4.900	95 6.600	129 8.400
TOP CRUISER MAX	Gr/mt B.Load	X	X	X	X	27 1.530	X	37,5 2.600	58 3.600	65 4.900	121 6.400
TOP CRUISER MAX Kmix	Gr/mt B.Load	X	X	X	X	27 1.530	X	37,5 2.600	58 3.600	65 4.900	121 6.400
ULTRANEEMA PRO	Gr/mt B.Load	X	X	X	X	32 1.200	X	48 2.300	66 3.520	105 4.300	145 6.200

 **FOCUS ON SAILING**





- | | | |
|---|--|--|
| <p>1 Main Halyard
D-Cup 78 Kmix Tn
D-Cup 78 Kmix
V-Cup
Top cruiser MAX Kmix</p> <p>2 Genoa Halyard
D-Cup 78 Kmix Tn
D-Cup 78 Kmix
V-Cup</p> <p>3 Spinnaker / Gennaker Halyard
D-Cup 78 Kmix
V-Cup
Top cruiser MAX Kmix</p> <p>4 Backstay / Runners
D Core 78</p> <p>5 Outhall
D Core 78
D-Cup 78</p> | <p>6 Mainsheet
D-Cup 78
Top Cruiser MAX
Ultraneema Pro</p> <p>7 Vang
D Core 78
D-Cup 78</p> <p>8 Cunningham
D-Cup 78
D Core 78</p> <p>9 Genoa Sheet
D-Cup 78
Top Cruiser MAX
Ultraneema Pro</p> <p>10 Spinnaker / Gennaker Sheet
D-Cup78 Kmix Tn
D-Cup 78
Top Cruiser MAX</p> | <p>11 Guys
D-Cup 78
Top Cruiser MAX</p> <p>12 Travelers
D-Cup 78
Top Cruiser MAX</p> <p>13 Spi down haulers
D-Cup 78
Top Cruiser MAX</p> <p>14 Spi topping lift
D-Cup 78
Top Cruiser MAX</p> |
|---|--|--|



CLASSIC

ART & SOUL

ROPES





ELEGANCE



D CORE 78



CONSTRUCTION

- Single braid
- 12 strand coated Dyneema® Sk78 core

FEATURES AND USES

- Lightweight
- Excellent UV Resistance
- High dynamical load applications

COLORS

- White • Grey • Black
- Yellow
- Other colors on demand

DIAMETERS

2,5 to 26 mm
7/64" to 1-1/32"

V CORE



CONSTRUCTION

- Single braid
- 12 strand coated Vectran® core

FEATURES AND USES

- Low creep
- Low stretch
- Control lines, Ruder systems

COLORS

- Beige (Vectran®)

DIAMETERS

3 to 26 mm
1/8" to 1-1/32"

D-CUP 78 Classic



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk78 core
- 24 plait polyester cover
- 24 or 32 plait cover for + 14mm

FEATURES AND USES

- High load all round uses
- Ideal to use in halgards, sheets and guys

COLORS

- Solid Beige • Black • Royal blue • Red • Green • Orange
- Yellow
- Other colors on demand

DIAMETERS

4 to 24mm
5/16" to 1"

D-CUP 78 Kmix Vt Classic



CONSTRUCTION

- Double braid • 12 strand coated Dyneema® Sk78 core
- 24 plait, Vectran® + HT Polyester cover • 24 or 32 plait cover for + 14mm

FEATURES AND USES

- High load all round uses
- Good grip on winches
- Ideal for genoa sheets

COLORS

- Mix Beige Vectran • Solid Beige

DIAMETERS

4 to 24mm
5/16" to 1"

CRUISER 24



CONSTRUCTION

- Double braid
- 16 Strand Polyester core
- 24 plait polyester cover

FEATURES AND USES

- All round uses
- Control lines, sheets

COLORS

- Solid Beige, White or Navy blue

DIAMETERS

5 to 24mm
3/16" to 1"

CRUISER 32



CONSTRUCTION

- Double braid
- Twisted 3 Strand Polyester HT core
- 32 plait polyester cover

FEATURES AND USES

- All round uses
- Halgards

COLORS

- Solid Beige, White or Navy blue

DIAMETERS

5 to 24mm
3/16" to 1"

CLASSIC



MOORING



CONSTRUCTION

- Double braid
- 16 Strand Nylon® Core
- 24 plait polyester cover

FEATURES AND USES

- High stretch, soft handling
- Mooring line

COLORS

- Solid Beige
- White or Navy blue

DIAMETERS

8 to 24mm
5/16" To 1"



DOCK LINE



CONSTRUCTION

- Double braid
- 16 Strand HT Polyester Core
- 24 plait polyester cover

FEATURES AND USES

- High loads
- Soft handling
- Mooring line

COLORS

- Solid Beige
- White or Navy blue

DIAMETERS

8 to 24mm
5/16" To 1"



SUPERIOR



CONSTRUCTION

- 3 Strand twisted HT Polyester

FEATURES AND USES

- High abrasion resistance
- Mooring line

COLORS

- Solid White or Navy blue

DIAMETERS

6 to 32mm
1/4" to 1 5/8"

★ ART & SOUL





CRUISING

EXPERIENCE & PLEASURE

ROPES

ROPE GUIDE





CRUISER 16



CONSTRUCTION

- Double braid
- 16 Strand Polyester core
- 16 plait polyester cover

FEATURES AND USES

- All round uses
- Soft Grip
- Strong cover
- Control lines, sheets

COLORS

- White + flecks • Red
- Green • Black • Blue
- Yellow
- Other colors on demand

DIAMETERS

6 to 24mm
1/4" to 1"
3/16" to 19/32"



CRUISER 24



CONSTRUCTION

- Double braid
- 16 Strand Polyester core
- 24 plait polyester cover

FEATURES AND USES

- All round uses
- Great performance
- Control lines, sheets

COLORS

- Red • Green • Black • Blue
- Yellow
- Other colors on demand

DIAMETERS

5 to 24mm
3/16" to 1"



CRUISER 32



CONSTRUCTION

- Double braid
- Twisted 3 Strand HT Polyester core
- 32 plait HT Polyester cover

FEATURES AND USES

- All round uses
- Halyards

COLORS

- White + flecks • Red • Green
- Black • Blue • Yellow
- Other colors on demand

DIAMETERS

5 to 24mm
3/16" to 1"



MATT 24



CONSTRUCTION

- Double braid
- 16 Strand Polyester core
- 24 plaits Spun polyester cover

FEATURES AND USES

- All round uses
- Hard wearing
- Control lines

COLORS

- Solid Red • Green • Black
- Blue • Yellow
- Other colors on demand

DIAMETERS

6 to 16mm
1/4" to 5/8"



SOFTLINE



CONSTRUCTION

- Single braid
- 8 X 2 Strand Polyester

FEATURES AND USES

- All round uses
- Durable

COLORS

- Solid Red • Green • Black
- Blue • Yellow
- Other colors on demand

DIAMETERS

1 to 8mm
3/28" to 5/16"



FLAG



CONSTRUCTION

- Single braid
- 8 X 2 Strand
- Polyester Spun cover
- Twisted spun polyester core

FEATURES AND USES

- All round uses
- Comfort handling
- UV stabilized

COLORS

- Solid Red • Green • Black
- Blue • Yellow
- Other colors on demand

DIAMETERS

1 to 10mm
3/28" to 3/8"



SSR LIGHT FURLING



CONSTRUCTION

- Double braid
- 16 Strand PP Multi core
- 8 x 2 Dyneema®sk75 + Cordura® cover

FEATURES AND USES

- Floating rope
- Good grip
- Comfort handling
- Excellent UV resistance
- Furling systems

COLORS

- Mix White • Red • Green
- Black • Blue • Yellow
- Other colors on demand

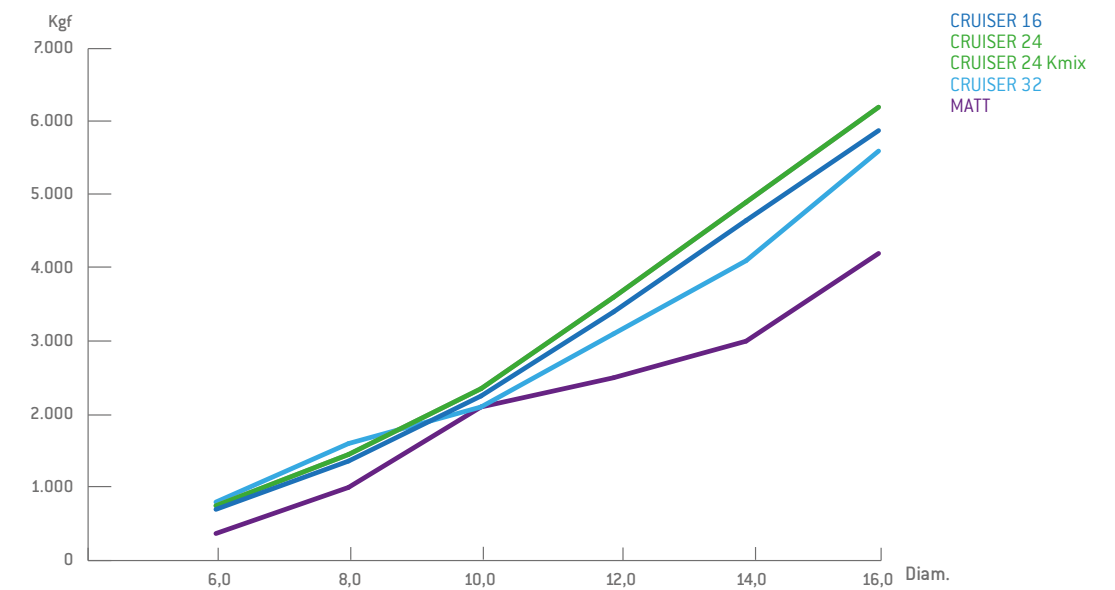
DIAMETERS

4 to 10mm
5/16" to 3/8"

CRUISING

Breaking strength Kgf

		mm/inches					
		6mm - 1/4"	8mm - 5/16"	10mm - 3/8"	12mm - 1/2"	14mm - 9/16"	16mm - 5/8"
CRUISER 16	gr/mt Kgf	26 900	45 1.560	70 2.450	100 3.600	135 4.850	177 6080
CRUISER 24	gr/mt Kgf	28 950	47 1.650	74 2.550	105 3.800	143 5.100	187 6400
CRUISER 24 Kmix	gr/mt Kgf	28 950	487 1.650	74 2.550	105 3.800	143 5.100	187 6400
CRUISER 32	gr/mt Kgf	30 1.000	45 1.800	74 2.300	105 3.300	141 4.300	194 5.800
MATT	gr/mt Kgf	22 570	41 1.200	62 2.300	86 2.700	115 3.200	143 4.400





MOORING

STRENGTH & TENACITY

ROPES

ROPE GUIDE





SUPERIOR



CONSTRUCTION

- 3 Strand twisted HT Polyester

FEATURES AND USES

- High abrasion resistance
- Mooring line

COLORS

- White
- Navy blue or black
- Other colors on demand

DIAMETERS

6 to 32mm
1/4" to 1 5/16"

MOORING



CONSTRUCTION

- Double braid
- 16 Strand Nylon® Core
- 24 plait polyester cover

FEATURES AND USES

- High stretch, soft handling
- Mooring line

COLORS

- White
- Navy blue or Black
- Other colors on demand

DIAMETERS

8 to 24mm
5/16" to 1"

DOCK LINE



CONSTRUCTION

- Double braid
- 16 Strand HT Polyester Core
- 24 plait polyester cover

FEATURES AND USES

- High loads, soft handling
- Mooring line

COLORS

- White
- Navy blue or Black
- Other colors on demand

DIAMETERS

8 to 24mm
5/16" to 1"

FENDER LINE



CONSTRUCTION

- Single braid
- 24 plait polyester cover

FEATURES AND USES

- Soft handling
- Fenderline

COLORS

- White
- Navy blue or Black
- Other colors on demand

DIAMETERS

8 to 12 mm
1/2" to 51/64"

MOORING

	SUPERIOR	MOORING	DOCKLINE
Ømm/Inch	Kg	Kg	Kg
6mm-1/4"	800	920	900
8mm-5/16"	1 200	1 565	1 350
10mm-3/8"	2 000	2 250	2 100
12mm-1/2"	2 900	3 020	2 750
14mm-9/16"	3 700	4 600	4 100
16mm-5/8"	4 400	5 640	5 500
18mm-3/4"	6 850	7 200	7 500
20mm-13/16"	7 300	8 800	8 200
22mm-7/8"	8 830	10 600	8 900
24mm-1"	10 800	12 000	10 500

Superior and Mooring were developed to have an outstanding strength, to be easy to handle and to have a high abrasion resistance.

These lines work perfectly for anchoring, mooring or docking, having superb elongation characteristics that protect your boat from rough weather conditions. These products are available in spools, coils or packaged factory spliced.

Contact us for further information.



OLYMPIC/ONE DESIGN

HIGHEST PERFORMANCE

ROPES

ROPE GUIDE





D CORE 78



CONSTRUCTION

- Single braid
- 12 strand coated Dyneema® Sk78 core

FEATURES AND USES

- Lightweight
- Excellent UV resistance
- High dynamical load applications

COLORS

- White • Grey • Black
- Yellow
- Other colors on demand

DIAMETERS

2,5 to 10mm
7/64" to 3/8"



D CORE 78 XTM



CONSTRUCTION

- Single braid
- 12 strand coated Dyneema®Sk78 core with an extreme pre-stretched

FEATURES AND USES

- Lightweight
- When zero elongation is needed
- Excellent UV resistance
- High dynamical load applications

COLORS

- White • Grey • Black
- Yellow
- Other colors on demand

DIAMETERS

3 to 10mm
1/8" to 3/8"



D POWER



CONSTRUCTION

- Single braid
- 12 strand coated Dyneema®Sk78 core

FEATURES AND USES

- Compact braid
- Lightweight
- Excellent UV Resistance
- Very round and compact
- Can go direct to clamcleats®

COLORS

- White • Grey • Black
- Yellow
- Other colors on demand

DIAMETERS

3 to 6mm
1/8" to 1/4"



V CORE



CONSTRUCTION

- Single braid
- 12 strand coated Vectran core

FEATURES AND USES

- Low creep, low stretch
- Control lines
- Ruder systems

COLORS

- Solid beige (Vectran)

DIAMETERS

4 to 10mm
1/8" to 3/8"



D-CUP 78



CONSTRUCTION

- Double braid
- 12 strand coated Dyneema® Sk78 core
- 24 plait HT polyester cover

FEATURES AND USES

- High load all round uses
- Ideal for halyards and sheets

COLORS

- Mix grey • Black • Royal blue
- Red • Green • Orange
- Yellow
- Other colors on demand

DIAMETERS

4 to 10mm
5/16" to 3/8"



D-CUP 78 Kmix



CONSTRUCTION

- Double braid
- 12 strand coated Dyneema® Sk78 core
- 24 plait polyester + Cordura® cover

FEATURES AND USES

- High load all round uses
- Excellent grip
- Ideal for halyards and sheets

COLORS

- Mix grey • Black
- Royal blue • Red • Green
- Orange • Yellow
- Other colors on demand

DIAMETERS

4 to 10mm
5/16" to 3/8"



D-CUP 78 Kmix Special



CONSTRUCTION

- Double braid
- 12 strand coated Sk78® core
- 24 plait, HT Polyester + slippery fiber cover

FEATURES AND USES

- High load uses
- Excellent abrasion resistance
- Control lines and Sheets

COLORS

- Mix White • Grey • Black
- Royal blue • Red • Green
- Orange • Yellow
- Other colors on demand

DIAMETERS

- 4 to 10mm
- 5/16" to 3/8"



ONE DESIGN BACKSTAY 99



CONSTRUCTION

- Double braid
- 12 strand coated Sk99® core with an extreme pre-stretched
- 24 plait, coated cover

FEATURES AND USES

- High load
- Minimum elongation
- Backstay

COLORS

- White or Dark grey

DIAMETERS

- 5mm
- 3/16"



ULTRANEEMA



CONSTRUCTION

- Double braid
- 16 strand SK78® core
- 16 plait HT Polyester cover

FEATURES AND USES

- High load all round uses
- Very strong covers
- Not able to tapering
- Ideal for halyards and control lines

COLORS

- White + flack in black
- Royal blue • Navy blue
- Red • Green • Orange
- Yellow
- Other colors on demand

DIAMETERS

- 1, 6 to 6mm
- 1/16" to 1/4"



DINGHY MAX PP



CONSTRUCTION

- Double braid
- 12 strand Dyneema®SK78 + PP Multi core
- 16 plait PP Multi cover

FEATURES AND USES

- High load all round uses
- Floating rope
- Able to tapering
- Ideal for control lines and sheets

COLORS

- Grey + flack • Black • Royal blue • Red • Green • Orange
- Yellow
- Other colors on demand

DIAMETERS

- 6 to 10mm
- 1/4" to 3/8"



SSR LIGHT



CONSTRUCTION

- Double braid
- 16 Strand PP Multi core
- 8 x 2 Dyneema®SK75 + Cordura® core

FEATURES AND USES

- Floating rope, good grip
- Comfort handling
- Excellent UV resistance
- Ideal for Sheets

COLORS

- Mix White • Red • Green
- Black • Blue • Yellow
- Other colors on demand

DIAMETERS

- 4 to 10mm
- 5/16" to 3/8"



SSC



CONSTRUCTION

- Double braid • 12 Strand Coated Dyneema® SK78 core
- 8 x 2 Dyneema®SK75 + Cordura® core

FEATURES AND USES

- High load
- Good grip
- Excellent abrasion resistance
- Ideal for low elongation Sheets

COLORS

- Mix White • Red • Green
- Black • Blue • Yellow
- Other colors on demand

DIAMETERS

- 4 to 10mm
- 5/16" to 3/8"



SSR



CONSTRUCTION

- Single braid
- 8 x 2 Dyneema®SK75 + Cordura® core

FEATURES AND USES

- Very soft
- Good grip
- Excellent abrasion resistance
- Ideal for Sheets

COLORS

- Mix white • Red • Green
- Black • Blue • Yellow
- Other colors on demand

DIAMETERS

- 4 to 10mm
- 5/16" to 3/8"



TRIMSTAR



CONSTRUCTION

- Double braid
- 16 strand HT Polyester core
- 16 plait HT Polyester core

FEATURES AND USES

- All round uses
- Excellent choice for control lines

COLORS

- White • Red • Green
- Black • Blue • Yellow
- Other colors on demand

DIAMETERS

- 2,5 to 6 mm
- 7/64" to 1/4"



SHOCK CORD OLYMPIC



CONSTRUCTION

- Double braid
- Slippery fiber cover

FEATURES AND USES

- 100% stretched
- Very slippery covers
- Excellent UV resistance

COLORS

- White

DIAMETERS

- 3 to 6 mm
- 1/8" to 1/4"



SHOCK CORD



CONSTRUCTION

- Double braid
- Polyester Cover

FEATURES AND USES

- 100% stretched
- Good UV resistance

COLORS

- White
- Black
- Other colors on demand

DIAMETERS

- 3 to 8 mm
- 1/8" to 5/16"



FLYNEEMA



CONSTRUCTION

- Double braid
- Unidirectional Dyneema® SK78 core
- 16 plait Polyester cover

FEATURES AND USES

- High load all round uses
- Optimist sail ties and small jib Cunningham's

COLORS

- Blue
- Yellow
- Green

DIAMETERS

- 1.0, 1.2 and 1.4mm
- 3/64", 3/64" and 1/16"

OLYMPIC

OLIMPIC

Breaking strength Kgf

		mm/inches									
		2,5mm 7/64"	3mm 1/8"	4mm 5/32"	5mm 3/16"	6mm 1/4"	7mm 9/16"	8mm 5/16"	10mm 3/8"	12mm 1/2"	14mm 9/16"
D CORE 78	Gr/mts B.Load	3,7 608	5 972	8,7 1631	16 3312	20,8 4084	26 6107	38 7104	61 10401	75 12.700	87 14.990
D CORE 78 XTM	Gr/mts B.Load	X	7 1.631	12 2.543	18 3.800	25 4.910	30 7.572	44 9.400	59 10.654	X	X
D POWER	Gr/mts B.Load	X	5 780	8,6 1.323	13 2.000	18 2.777	X	X	X	X	X
V CORE	Gr/mts B.Load	X	7 890	12 1.450	23 2.450	30 3.460	43 5.100	59 6.000	88 8.700	134 11.680	168 13.800
D-CUP 78	Gr/mts B.Load	X	X	14 800	17,8 1.450	22,3 1.750	28,4 1.950	41 3.090	60 4.900	95 6.600	129 8.400
D-CUP 78 KMIX	Gr/mts B.Load	X	X	14 800	17,8 1.450	22,3 1.750	28,4 1.950	41 3.090	60 4.900	95 6.600	129 8.400
D-CUP 78 KMIX SPECIAL	Gr/mts B.Load	X	X	14 800	17,8 1.450	22,3 1.750	28,4 1.950	41 3.090	60 4.900	95 6.600	129 8.400
DINGHY MAX PP	Gr/mts B.Load	X	X	X	X	27 1.530	X	37,5 2.600	58 3.600	65 4.900	121 6.400
ULTRANEEMA	Gr/mts B.Load	X	6,4 540	14 960	18,6 1.290	26,8 1.740	X	X	X	X	X
ONE DESIGN BAKCSTAY 99	Gr/mts B.Load	X	X	X		X	X	X	X	X	X
SSC	Gr/mts B.Load	X	X	X	18 1.200	24 1.850	30 2.400	34 3.050	54 4.100	X	X
SSR LIGHT	Gr/mts B.Load	X	X	X	18 700	24 1.000	30 1.600	34 2.115	54 2.500	X	X
SSR	Gr/mts B.Load	X	X	9 450	14 900	19 1.250	26 2.000	32 2.200	47 3.200	X	X

★ HIGHEST PERFORMANCE





WINDSURF/KITE

WITHIN THE LIMITS

ROPES





D CORE 78



CONSTRUCTION

- Single braid
- 12 strand coated Dyneema®Sk78 core

FEATURES AND USES

- Lightweight
- Excellent UV Resistance
- High dynamical load applications

COLORS

- White • Grey • Black
- Yellow
- Other colors on demand

DIAMETERS

2,5 to 6 mm
7/64" to 1/4"



D POWER



CONSTRUCTION

- Single braid
- 12 strand coated Dyneema®Sk78 core

FEATURES AND USES

- Compact braid for Kite surf D Power
- Lightweight
- Excellent UV Resistance
- Very round and compact
- Can go direct to clamcleats®

COLORS

- White • Grey • Black
- Yellow
- Other colors on demand

DIAMETERS

3 to 6mm
1/8" to 1/4"



WINDSURFING LINE



CONSTRUCTION

- Single braid
- 12 strand core

FEATURES AND USES

- Compact braid
- Lightweight
- Excellent UV resistance
- Very round and compact
- Can go direct to clamcleats®

COLORS

- White

DIAMETERS

3,8mm
5/32"



KITE LINE 8 78



CONSTRUCTION

- 8 strand Dyneema®Sk78 core

FEATURES AND USES

- Lightweight
- Excellent UV Resistance
- Heavy duty Kite surf line

COLORS

- Solid white • White • Red
- Green • Blue mark
- Black

DIAMETERS

1,7 mm
1/16"



KITE LINE 8 99



CONSTRUCTION

- 8 strand Dyneema®Sk99 core

FEATURES AND USES

- Lightweight
- Excellent UV Resistance
- Race line for Kite surf

COLORS

- White • Grey • Black
- Yellow
- Other colors on demand

DIAMETERS

1,0mm and 1,6mm
3/64" and 1/16"



KITE LINE 12 99



CONSTRUCTION

- 12 strand Dyneema®Sk99 core

FEATURES AND USES

- Lightweight
- Excellent UV Resistance
- Race line for Kite surf

COLORS

- White • Grey • Black
- Yellow
- Other colors on demand

DIAMETERS

1,3mm
3/64"



KITE LINE SKINCOVER



CONSTRUCTION

- 16 strand HT Polyester
- Skincover

FEATURES AND USES

- Soft
- Excellent UV Resistance
- Skincover for Kite surf lines

COLORS

- White • Grey • Black
- Yellow • Red
- Other colors on demand

DIAMETERS

1,0 to 3 mm
3/64" to 1/8"



CATCHING WAVES





SAILMAKER

TAYLOR MADE

ROPES





D CORE 78



CONSTRUCTION

- Single braid
- 12 strand coated Dyneema® Sk78 core

FEATURES AND USES

- Lightweight
- Excellent UV resistance
- Low stretched leech lines

COLORS

- White • grey • black
- yellow
- Other colors on demand

DIAMETERS

2,5 to 10mm
7/64" to 3/8"



V CORE



CONSTRUCTION

- Single braid
- 12 strand coated Vectran® core

FEATURES AND USES

- Low creep
- Low stretch
- Luff lines
- Leech lines

COLORS

- Beige (Vectran®)

DIAMETERS

3 to 6mm
1/8" to 1/4"



ULTRANEEMA



CONSTRUCTION

- Double braid
- 16 strand Dyneema® SK78 core
- 16 plait HT Polyester cover

FEATURES AND USES

- High load all round uses
- Very strong covers
- Good grip on cleats
- Spinnaker leech lines
- Leech lines

COLORS

- White + flack in black • royal blue • red • green • orange
- yellow
- Other colors on demand

DIAMETERS

1,6 to 6mm
1/16" to 1/4"



SOFTLINE PS



CONSTRUCTION

- Single braid • 8 X 2 Strand HT Polyester
- Twisted HT Polyester core
- High pre-stretched

FEATURES AND USES

- Low stretch polyester rope
- Durable
- Leech lines

COLORS

- Solid red • green • black
- blue • yellow
- Other colors on demand

DIAMETERS

4 to 8 mm
5/32" to 5/16"



LEECH LINE PSKV



CONSTRUCTION

- Double braid
- 8 X 2 Strand HT Polyester cover
- Twisted Kevlar core

FEATURES AND USES

- Low stretch
- Low creep
- Leech lines

COLORS

- White
- Other colors by demand

DIAMETERS

3 to 8mm
1/8" to 5/16"



LUFF LINE



CONSTRUCTION

- Double braid
- Twisted HT Polyester core
- 16 plait Polyester cover

FEATURES AND USES

- Very stiff
- Round rope with a pre-shrinking treatment
- Luff lines

COLORS

- White
- Internal color code

DIAMETERS

2.8 to 9.8mm
7/64" to 25/64"



LUFF LINE PP FILM



CONSTRUCTION

- Single braid
- 3 Strand torsion core

FEATURES AND USES

- Economical Luff line

COLORS

- Solid blue
- Orange
- Black

DIAMETERS

6 to 10mm
1/4" to 3/8"



CODE 0



CONSTRUCTION

- Triple braid
- Vectran® Core + Intermediate Kevlar® Jacket
- 32 Plait Polyester cover

FEATURES AND USES

- Very low stretch
- Anti-torsion rope
- Code 0 Luff lines
- Anti-torsion rope for Top-Down furlers

COLORS

- Solid white or black
- Other colors on demand

DIAMETERS

8, 11 and 15mm
5/16", 7/16" and 19/32"

CODE 0 TACK LOCKERS



Code 0	Tack Locker
8mm	TL0
11mm	TL1
15mm	TL1

WEBBING



Webbing Standard	Color	mm/inches
Standard	White	12mm / 1/2"
Standard	White	20mm / 13/16"
Standard	White	25mm / 1"
Standard	White	30mm / 1 1/4"

Webbing Heavy Weight	Color	mm/inches
HW	White	12mm / 1/2"
HW	White	20mm / 13/16"
HW	White	25mm / 1"
HW	White	30mm / 1 1/4"
HW	White	40mm / 1 5/8"
HW	White	50mm / 2"
HW	White	63mm / 2 5/8"

Webbing Dyneema Sk62	Color	mm/inches
Dyneema	White	12mm / 1/2"
Dyneema	White	20mm / 13/16"
Dyneema	White	25mm / 1"
Dyneema	White	30mm / 1 1/4"
Dyneema	White	40mm / 1 3/4"

Other sizes available by demand

Tubular Heavy	Color	mm/inches
Tubular Heavy	White	25mm/1"

Webbing X Heavy Weight	Color	mm/inches
XHW	White	25mm / 1"
XHW	White	30mm / 1 1/4"
XHW	White	40mm / 1 5/8"
XHW	White	50mm / 2"

Webbing Aramid	Color	mm/inches
Aramid	White	25mm / 1"
Aramid	White	35mm / 1 1/2"



ACCESSORIES FOR BETTER RESULTS

ACCESSORIES

ROPE CARE

ALPHA-ROPES DINGHY DISPLAY



FEATURES

- You will find in this small table display all the ropes needed to fulfill the needs of different kinds of dinghies, from Optimist to small yachts • On the display there is a technical description of each rope and its use making it the very easy to choose the proper line • Dimensions: 1,10cm x 45cm x 60cm
- Weight: 7 kg

ALPHA-ROPES SINGLE DISPLAY



FEATURES

- Flexible rope rack display with seven racks that can be organized in thirteen different positions
- Holds up to fifty six rope spools • Dimensions: 1,10mt x 61cm x 2,30cm • Weight: 36 Kg

ALPHA-ROPES DOUBLE DISPLAY



FEATURES

- High quality and robust construction display was built to fulfill the best nautical shop's needs • This double Rope Rack is able to present from small to bigger spools in a very organized, flexible and nice way • Dimensions: 2,20mt x 61cm x 2,30cm • Weight: 58Kg

SELMA NEEDLES



FEATURES

- The only splicing tool in the world to cover all splicing functions on a vessel is provided by Selma as through its set of fids (needles) made from high polished stainless steel • Made with safety on board in mind, this patented set of five fids will handle yacht line and hollow braided lines from 3.5 to 14 mm diameter as well as three stranded twine or rope up to 28 mm diameter

SOFT SHALES



FEATURES

- Sk78® soft shackle with quick release • No longer damage to masts, decks and spinnaker tracks due to this soft and light weight material • It is stronger than steel similar size steel shackles
- These SK78® soft shackles are easy and quick to attach and are ideal for sheets and halyards use • Diameters: 3mm to 8mm/ 1/8 to 1/4 inch

D SCISORS



FEATURES

Specially designed for cutting Spectra and Dyneema fibers • These are one of the hardest fabric to cut • The blades of these scissors are laser cut and have an excellent grinding profile.

D SPLICER



FEATURES

- It works fantastic for lines thinner than 4 mm diameter and in any other situation where existing needles do not work
- The unique double needle clamps your line and makes it easy to pull through
- The D-Splicer comes with a set of 4 needles and a handle
- The needles are easy to replace in the handle
- The set contains: Two 1 mm needles with length 24 cm (aprox. 1/25 inch diameter and length = 9 1/25 inch) and two 1.5 mm needles with length 26 cm (aprox. 1/16 inch diameter and length = 10 1/4 inch)
- The D-Splicer handle is made of anodized aluminum in order to last in maritime conditions
- The needles are made from stainless steel
- Spare needles are also sold separately from the handle.

ALPHA ROPES MINI BOXES



PRODUCT		DIAM.	MTS.
S-BOX			
Whipping Twine Colors	12 x S spools	1.0mm	12 x 35mt
Whipping Twine White	12 x S spools	1.0mm	12 x 35mt
Whipping Twine SK62®	12 x S spools		12 x 35mt
Flyneema 1.2mm	12 x S Spools	1.2mm	12 x 35mt
KL 220	12 x S Spools		12 x 35mt
Softline 3mm	4 x M spools	3mm	4 x 20mt
Trimstar 3mm	4 x M spools	3mm	4 x 20mt
Ultraneema 3mm	4 x M spools	3mm	4 x 20mt
D-Core 78 3mm	4 x M spools	3mm	4 x 16mt

OPTI Box - S	CONTENTS
	3 x Flyneema 1.2mm S spools
	1 x Ultraneema 3mm M spool
	1 x Ultraneema 6mm L spool

HOW TO SELECT A ROPE

Selecting the proper rope involves evaluating a combination of factors and that is not always so simple to do. Some of these factors are quite easy to compare based only on the rope specifications. Others are not easily quantified, such as a preference for a specific color or how a rope feels in your hand. Reducing application factors that pertain to sizes or strengths on an initial purchase creates unnecessary frequent replacements and potentially dangerous conditions, in addition to increasing long-term costs. For fiber and construction that is equal, a larger rope will outlast a smaller rope because of the greater surface wear distribution. Similarly, a stronger rope will outlast a weaker one because it will be used at a lower percentage of its break strength with a reduced chance of it being overstressed.

SAFETY FIRST

Maximizing the safety and rope performance begins with selecting the right rope, managing its strength loss through optimal handling practices, and retiring it from service before it creates a dangerous situation. Ropes when used properly they will give consistent and reliable service. The cost of replacing a rope is extremely small when compared to the physical damage or injury to personnel a worn out rope can cause.

ROPE BREAKING LOADS

Because all ropes are terminated with a splice or a knot, all published strengths herein are based on our lab tests, under a very tight same protocol. When comparing our breaking load values to other rope manufacturers, please be sure that you are comparing similar kind of ropes, using same fibers, approximately same diameters and weight/meter. Normal working loads do not cover dynamic conditions such as shock loads or sustained loads, nor do they cover where life, limb or valuable property are involved. In these cases, a lower working load must be used. A higher working load may be selected only with expert knowledge of conditions and professional estimates of risk, if the rope has been inspected and found to be in good condition, and if the rope has not been subject to dynamic loading (such as sudden drops, snubs, or pickups), excessive use, elevated temperatures, or extended periods under load.

AGGRESSIONS TO A ROPE

Apart from weather all rope hardware such as sheaves, rollers, capstans, cleats and knots are, in varying degrees, damaging to the rope. It is important to understand that rope moves, and, even under ideal conditions, it loses strength during use in any application. Any sharp bend in a rope under load decreases its strength substantially and may cause premature damage or failure. In sizing the radius of bitts, fairleads, and chocks for best performance the following guidelines are offered. The diameter of the surface should be at least three times the rope's diameter. A 4-to-1 ratio would be better yet because the durability of the rope increases substantially as the diameter of the surface over which it is worked increase. The ratio of the length of an eye splice to the diameter of the object over which the eye is to be placed (bollard, bitt, cleat, etc.) should be a minimum 3-to-1 relationship, and preferably 5-to-1.

KNOTS – NOT THE ROPE ‘S BEST FRIENDS

Presence of knots can reduce tensile strength by over 50%. In order to preserve the properties of the product and to avoid premature failures the working load must never exceed 25% of the breaking loads shown. It is vital that the reduction in strength by the use of knots be taken into account when determining the size and strength of a rope to be used in an application. To avoid knot strength reduction, it is recommended that a rope be spliced according to the manufacturer's instructions. Splice terminations are used in all our ropes to determine new and unused tensile strengths. Therefore, whenever possible, spliced terminations should be used to maximize the rope strength for new and used ropes.

ROPES AND SHEAVES – BALANCE IS IMPORTANT

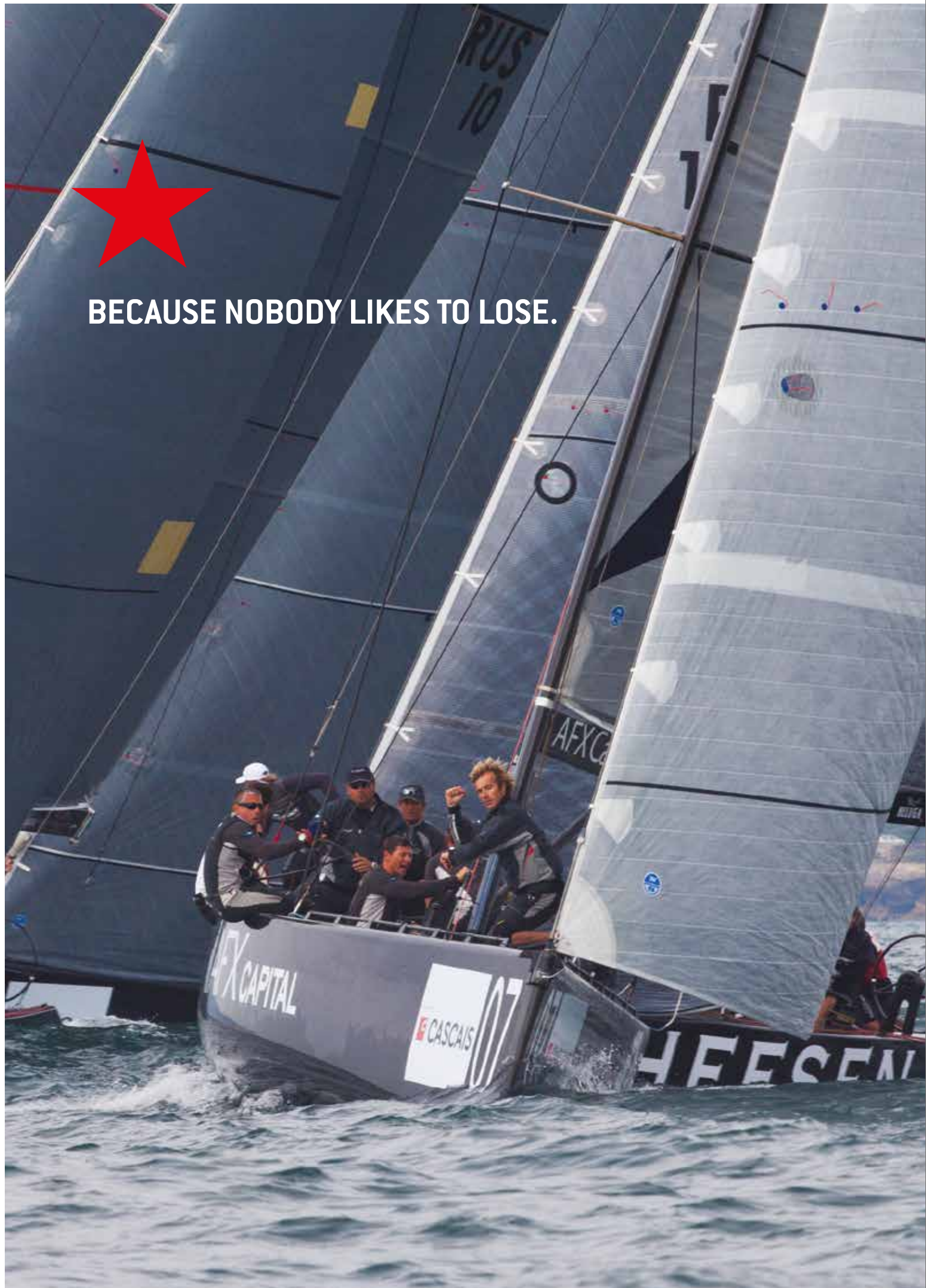
To assure maximum efficiency and safety, sheaves for braided ropes should be no less than eight times the rope diameter. The sheave groove diameter should be no less than ten percent greater than the rope diameter. The sheave groove should be round in shape. Sheaves with "V" shaped grooves should be avoided, as they tend to pinch and damage the rope through excessive friction and crushing of the rope fibers. Sheave surfaces should be kept smooth, and free of burrs and gouges. Bearings should be maintained to ensure smooth rotation of sheaves.

HOW TO STORE A ROPE

All rope should be stored in a clean, dry area, out of direct sunlight, and away from extreme heat. It should be kept off the floor and on racks to provide ventilation underneath. Some synthetic rope, in particular polypropylene, may be severely weakened by prolonged exposure to ultraviolet rays. UV degradation is indicated by discoloration and the presence of splinters and slivers on the surface of the rope

IS THE RIGHT TIME TO CHANGE THE ROPE?

Unfortunately, there are no definitive rules nor are there industry guidelines to establish when a rope should be retired because there are so many variables that affect rope strength. Factors like load history, bending radius, abrasion, chemical exposure or some combination of those factors, make retirement decisions difficult. Inspecting your rope should be a continuous process of observation before, during, and after each use. In synthetic fiber ropes, the amount of strength loss due to abrasion and/or flexing is directly related to the amount of broken fiber in the rope's cross section. After each use, look and feel along every inch of the rope length inspecting for abrasion, glossy or glazed areas, inconsistent diameter, discoloration, and inconsistencies in texture and stiffness.



BECAUSE NOBODY LIKES TO LOSE.

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