

Sailmaker line

armare[®]
ropes

armare[®]
ropes



2017: Emirates Team New Zealand won the 35th America's Cup with ropes supplied by Armare Ropes

2021: The adventure goes on. Once again Armare is an official supplier to Emirates Team New Zealand to defend America's Cup.

Armare Ropes Official Supplier to Emirates Team New Zealand

**OFFICIAL
SUPPLIER** 2021
Defender America's Cup 36

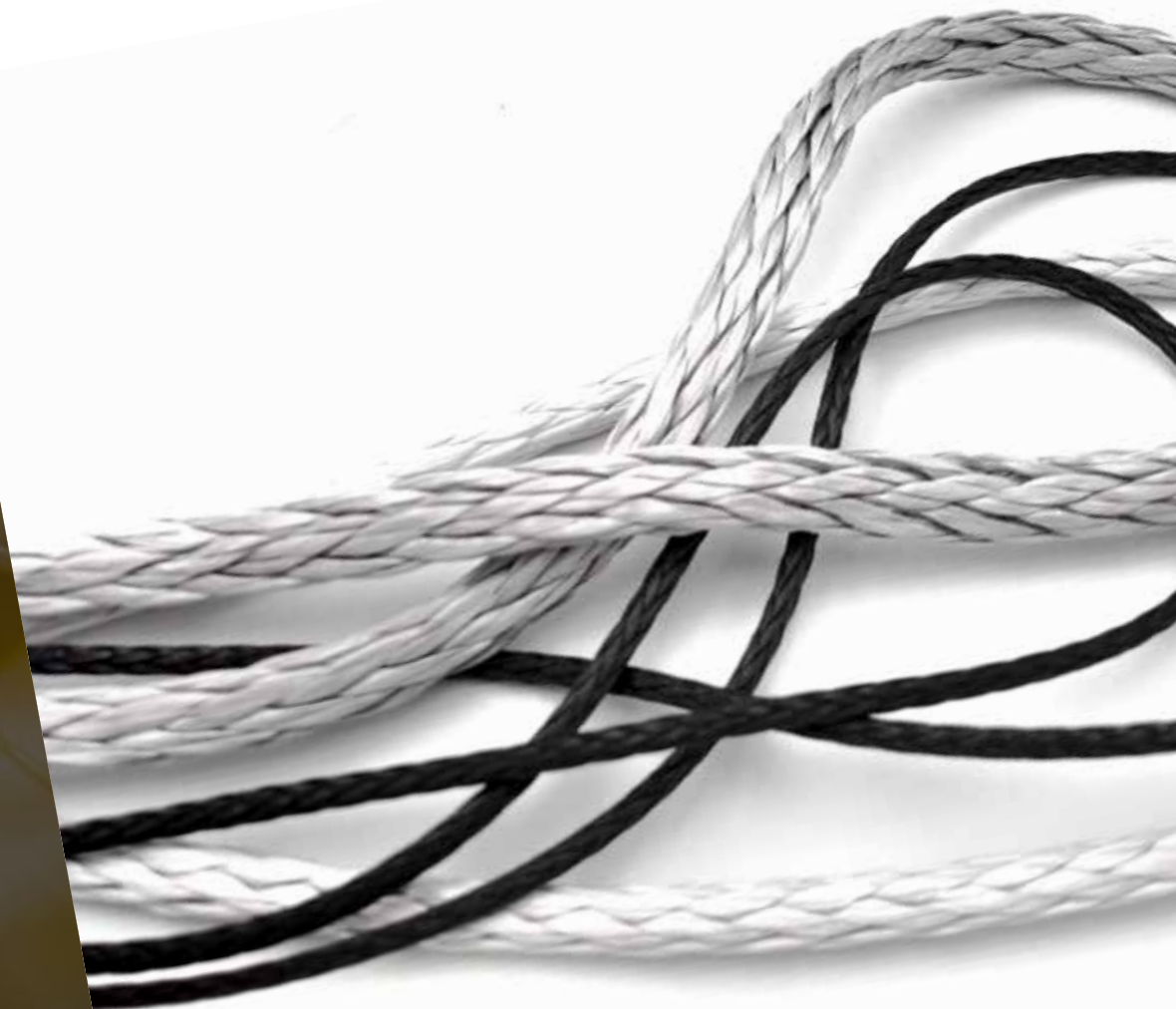


Sailmaker line

SAILS HAVE UNDERGONE TO IMPORTANT TRANSFORMATIONS, ESPECIALLY FOR WHAT CONCERNS SHAPES, CONSTRUCTION AND MATERIALS; SAILMAKERS HAVE THE TASK TO CHOOSE THE ACCESSORIES THAT WILL FORM THE SAIL AND TO ALIGN THEM TO THE PERFORMANCE REQUIREMENTS DEMANDED BY THEIR PROJECT. ARMARE'S SAILMAKER LINE HAS BEEN DEVELOPED WITH THE CONTRIBUTION OF TOP SAILMAKERS WORLDWIDE.

IN THIS CATALOGUE, PROFESSIONALS WILL FIND A COMPLETE RANGE OF ITEMS, THAT MAINLY DIFFER IN THEIR CONSTRUCTION, THEIR FIBERS AND THEIR SPECIAL TREATMENTS; EACH ITEM HAS SPECIFIC FEATURES TO SUPPLY THE NEEDS OF THE DIFFERENT TYPES OF SAIL THEY ARE DESTINED TO.

LINEAR TORSIONAL CABLES, CURRENTLY APPRAISED ALL OVER FOR THEIR RELIABILITY AND THEIR FIRST-CLASS PERFORMANCE, AS WELL AS SUNSTOP® SEWING THREADS COMPLETE THE SPECIAL RANGE OF PRODUCTS OF OUR SAILMAKER LINE. ARMARE HAS EVER SINCE RESERVED MAXIMUM ATTENTION TO RESEARCH AND DEVELOPMENT, IN ORDER TO CREATE AND DESIGN ITEMS TO SOLVE THE COMPLEX PROBLEMS BROUGHT FORWARD BY CUSTOMERS.



Sailmaker line



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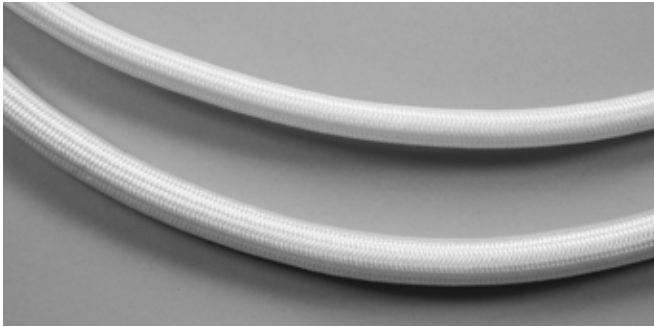
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Photo: Nicola Brollo / Armare Archive / Richard Hodder / Emirates Team New Zealand / Soluzioni Tessili Rigging. Design: fivestudio.it

Dyneema® Luff Line

CODE V07

100%
SK78

Calibrated rope, with low elongation and high breaking load for the luff of the sails to be placed on a jib furler and the Tuff-Luff. High diameters are used as luff cord for sails having a large size.

CONSTRUCTION Double braid

CORE Dyneema® SK78 / **COVER** Polyester

STANDARD DIAMETERS from 3 to 13 mm

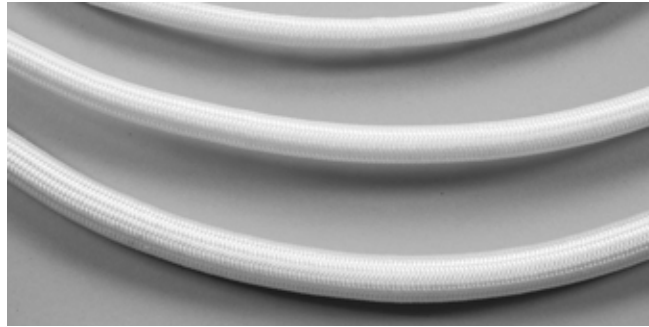
STRETCH AT 30% B. L. 2,40% / **STRETCH AT B. L.** 3,90%

STANDARD COLOUR White

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
3	1,53	388	8,19	200
4	1,98	465	12,48	200
5	2,89	1.120	19,54	200
5,5	3,75	1.400	23,90	200
6	4,14	1.720	28,20	200
6,5	5,25	1.870	32,40	200
7	6,98	2.024	36,50	200
8	8,20	2.140	47,40	200
9	9,90	2.645	57,20	200
10	11,75	3.082	70,30	200
11	16,95	3.266	91,80	200
12	18,42	3.485	106,81	200
13	19,88	3.917	125,32	200

Polyester Luff Line

CODE V01



Thanks to the special process it is submitted to, this calibrated and very compacted rope is ideal for the luff of furling sails and the Tuff-Luff. The largest diameters are used as luff cord for large sized sails.

CONSTRUCTION Double braid

CORE Polyester

COVER Polyester

STANDARD DIAMETERS from 2,5 to 13 mm

STRETCH AT 30% B. L. 5,52%

STRETCH AT B. L. 10,60%

STANDARD COLOUR White

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
2,5	0,27	133	5,28	200
3	0,36	155	7,80	200
3,5	0,40	172	10,30	200
4	0,45	186	14,20	400
4,25	0,47	234	16,20	400
4,5	0,62	376	19,10	300
5	0,67	448	22,40	250
5,5	0,87	585	27,00	200
6	0,96	748	32,20	200
6,5	1,01	843	36,70	200
7	1,61	880	43,00	200
7,5	1,84	910	50,00	200
8	2,04	930	51,00	200
8,5	2,20	1.080	67,00	200
9	2,31	1.150	70,00	200
9,5	2,56	1.206	75,00	200
10	2,77	1.340	83,00	200
11	3,21	1.420	94,00	200
12	3,49	1.515	105,00	200
12,5	4,37	1.596	118,00	200
13	5,25	1.703	125,00	200

Bolt rope

CODE V02



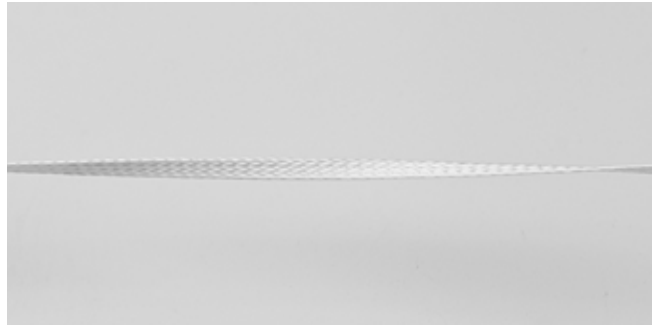
Designed to be used in the luff of the mainsail, this rope is made of a very light material. It doesn't shrink and it doesn't absorb any water. Its particular construction keeps it compact and round.

CONSTRUCTION 3-4 strand twisted rope**COVER** HD Polyethylene single yarn**STANDARD DIAMETERS** from 6 to 10 mm**STRETCH AT 30% B. L.** 8,20% / **STRETCH AT B. L.** 16,00%**STANDARD COLOUR** White

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
6	0,38	590	19,30	200
7	0,46	624	27,20	200
8	0,67	792	34,70	200
9	0,83	1.292	40,90	220
10	0,95	1.340	50,60	220

Flat braid to reinforce spinnaker/gennaker

CODE V08

100%
SK78

This flat twisted braid with low thickness perfectly complies with the light fabrics of spinnakers and gennakers. It enables to reinforce the sail by keeping a light weight and a high performance thanks to the use of Dyneema® fiber.

CONSTRUCTION Flat braid**MATERIALE** Dyneema® SK75 - SK78**LARGHEZZA** from 1,5 to 5 mm**COLOUR** Natural (White)**STRETCH AT 30% B. L.** 2,50% / **STRETCH AT B. L.** 3,90%

WIDTH	PRICE	THICKNESS	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[mm]	[daN]	[g / m]	[m]
1,5	0,18	0,25	80	0,40	300
2	0,22	0,27	110	0,51	300
2,5	0,29	0,30	150	0,65	300
3	0,43	0,35	200	0,96	300
3,5	0,55	0,40	250	1,20	300
4	0,70	0,45	350	2,00	300
5	0,91	0,50	540	2,60	300

Dyneema® Unidir Leech Line (2x2)

CODE VA94



Leech Line for high performance sails. Excellent durability to repeated bending, low elongation and high breaking load. First-class resistance to abrasion and grip.

CONSTRUCTION Braid with core

CORE Unidirectional Dyneema® SK78

COVER Polyester

STANDARD DIAMETERS from 1,5 to 6 mm

STRETCH AT 30% B. L. 2,20%

STRETCH AT B. L. 3,20%

STANDARD COLOURS White, Black, Silver Grey with marker

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
1,5	0,29	190	2,80	200
2	0,37	210	4,50	200
2,5	0,51	230	6,00	200
3	0,66	310	6,80	200
3,5	0,98	520	9,50	200
4	1,30	720	12,20	200
5	1,75	1.000	18,70	200
6	2,54	1.500	25,50	200

HMPE Unidir Leech Line (2x2)

CODE VA99



Leech line for medium to high level sails. Great durability to repeated bending, low elongation and good breaking load. Noteworthy resistance to abrasion and grip.

CONSTRUCTION Braid with core

CORE Unidirectional HMPE

COVER Polyester

STANDARD DIAMETERS from 1,5 to 6 mm

STRETCH AT 30% B. L. 2,60%

STRETCH AT B. L. 3,50%

STANDARD COLOURS White, Black, Silver Grey with marker or flack 1

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
1,5	0,27	160	2,80	200
2	0,35	200	4,50	200
2,5	0,48	220	6,00	200
3	0,62	300	6,80	200
4	1,20	595	12,20	200
5	1,65	800	18,70	200
6	2,40	1.000	25,50	200

Vectran® Unidir Leech Line (1x1)

CODE NA55C71



Sole Leech Line to have zero creep. Remarkable breaking load and great overall performance. Very compacted.

CONSTRUCTION Double braid

CORE Vectran®

COVER Polyester

STANDARD DIAMETERS from 2 to 6 mm

STRETCH AT 30% B. L. 2,10%

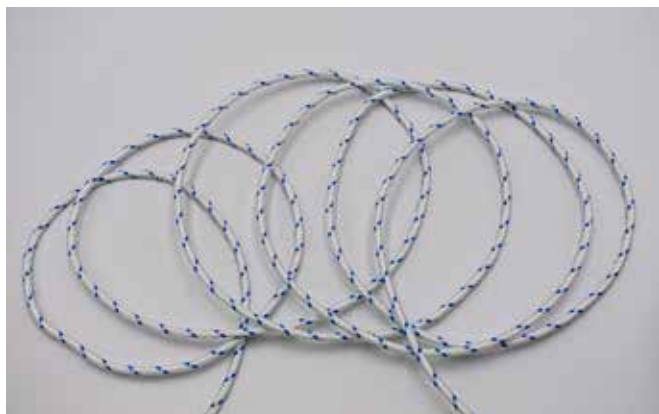
STRETCH AT B. L. 3,10%

STANDARD COLOURS Base White, with Light Blue or Red marker

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
2	0,64	160	4,10	200
2,5	0,76	220	5,70	200
3	1,29	430	7,40	200
3,5	1,50	640	10,00	200
4	1,79	860	13,50	200
5	2,64	1.350	21,10	200
6	3,50	1.795	28,10	200

Polyester Unidir Leech Line (1x1 rigid)

CODE VA38



Leech Line for medium level sails, which a low elongation and a good breaking load are necessary for. The durability to repeated bending is slightly lesser than for the higher end products.

CONSTRUCTION Double braid**CORE** Unidirectional Polyester fiber**COVER** Polyester**STANDARD DIAMETERS** from 2 to 4 mm**STRETCH AT 30% B. L.** 5,50%**STRETCH AT B. L.** 10,20%**STANDARD COLOURS** Base White, with Black or Light Blu marker

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
2	0,37	160	3,86	200
2,5	0,44	200	5,71	200
3	0,51	250	7,55	200
3,5	0,63	350	12,52	200
4	0,73	450	15,00	200

Star Leech Line (2x2)

CODE VA71



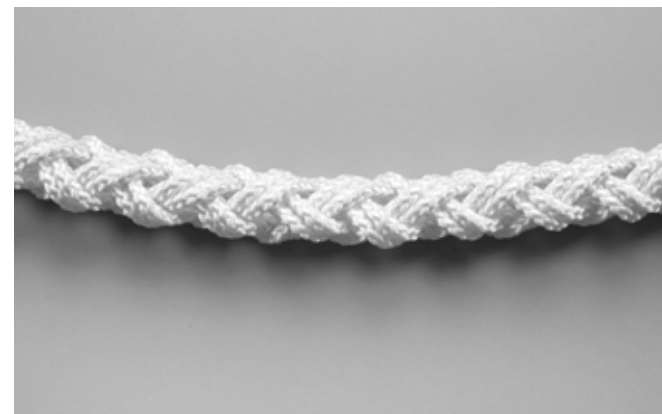
The perfect solution for Leech Lines for sails made of Dacron for cruising purpose.

CONSTRUCTION Braid with core**CORE** Unidirectional Polyester**COVER** Polyester**STANDARD DIAMETERS** from 1,5 to 6 mm**STRETCH AT 30% B. L.** 6,00%**STRETCH AT B. L.** 11,80%**STANDARD COLOURS** White or Silver Grey with marker

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
1,5	0,25	110	2,55	200
2	0,37	160	4,18	200
2,5	0,44	200	5,01	200
3	0,51	250	7,49	200
3,5	0,63	350	10,70	200
4	0,73	450	13,80	200
4,5	0,85	550	16,90	200
5	0,96	650	19,94	200
6	1,01	900	28,20	200

Thinning Luff rope

CODE V05



It is usually inserted with a slim down function in big folding Genoa's. It has a low water absorption and doesn't shrink.

CONSTRUCTION 8 strand braid**COVER** H.T. Polypropylene with UV treatment**STANDARD DIAMETERS** from 18 to 24 mm**STANDARD COLOUR** White

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
18	6,60	3.000	170,00	200
20	7,32	3.800	205,00	200
22	9,27	4.600	230,00	200
24	11,12	5.500	280,00	200

Dyneforce 99

CODE NA20



High breaking load, minimal elongation, ultralight weight, maximum tenacity, low water absorption, high UV resistance, excellent flexibility, ultimate top performance. This product is also available with a protection cover. For further details please refer to our general marine catalogue.

CONSTRUCTION 12 plait with Dyneema® SK99 impregnated with polyurethane coating and special heat prestretch treatment (HPS)

STANDARD DIAMETERS from 1 to 30 mm, other diameters on request

STRETCH AT 30% B. L. 1,70% / **STRETCH AT B. L.** 2,86%

COLOURS White, Black, Grey

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
1	0,66	199	0,81	200
1,5	0,88	450	1,81	200
2	1,45	715	2,41	200
2,5	1,79	1.050	3,61	200
3	2,15	1.444	6,02	200
3,5	3,10	2.200	9,63	200
4	3,34	2.800	11,20	200
5	5,09	4.282	18,05	200
6	6,63	6.200	22,86	200
7	9,71	8.080	27,50	200
8	11,60	9.836	38,80	200
9	15,03	12.446	48,13	200
10	17,27	14.680	58,80	200
11	20,91	16.495	62,00	100
12	22,46	18.220	77,00	100

Dyneforce 78

CODE NA58



Low creep, high breaking load, low elongation, light weight, low water absorption, good UV resistance, great flexibility, strong resistance to abrasion. This product is also available with a protection cover. For further details please refer to our general marine catalogue.

CONSTRUCTION 12 plait with Dyneema® SK78 impregnated with polyurethane coating and special heat prestretch treatment (HPS)

STANDARD DIAMETERS from 1,5 to 30 mm, other diameters on request

STRETCH AT 30% B. L. 2,16% / **STRETCH AT B. L.** 3,20%

COLOURS White, Black, Grey, Yellow, Red, Green, Light Blue

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
1,5	0,77	708	3,40	200
2	1,13	950	4,50	200
2,5	1,37	1.155	5,70	200
3	1,67	1.386	6,80	200
3,5	2,16	1.642	8,20	200
4	2,61	2.250	10,10	200
5	4,00	3.087	15,30	200
6	5,17	4.995	24,00	200
7	7,57	6.400	31,10	200
8	9,04	7.400	38,20	200
9	11,33	9.716	51,10	200
10	14,57	11.600	60,00	200
11	17,04	13.100	77,00	100
12	19,39	16.000	94,00	100

Superound 78

CODE NA17



Low stretch, high breaking load, light weight, more manageable rope, more supple, core without prestretch heat, treated, product available without cover or with protection cover. This product is also available with a protection cover. For further details please refer to our general marine catalogue.

CONSTRUCTION 12 plait with Dyneema® SK78 impregnated with polyurethane coating

STANDARD DIAMETERS from 2 to 30 mm, other diameters on request

STRETCH AT 30% B. L. 2,60% / **STRETCH AT B. L.** 3,60%

COLOURS White, Black, Grey, Yellow, Red, Green, Light Blue

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
2	0,98	470	2,43	200
2,5	1,17	700	3,80	200
3	1,44	920	5,00	200
3,5	1,87	1.020	7,50	200
4	2,24	1.600	9,80	200
5	3,45	2.800	14,40	200
6	4,09	4.100	20,00	200
7	6,26	6.100	27,00	200
8	7,48	7.150	35,00	200
9	9,66	8.100	46,00	200
10	12,42	10.200	57,00	200
11	14,52	12.100	61,00	200
12	16,53	15.200	68,00	100

Vec-Tec

CODE NA55

100%
VECTRANPU COATED
TREATMENT

Optimal for steering gear and control systems, if protected from UV rays below deck or hidden inside of the sail. This product is also available with a protection cover. For further details please refer to our general marine catalogue.

CONSTRUCTION 12 plait in Vectran® with polyurethane coating
STANDARD DIAMETERS from 2 to 26 mm, other diameters on request
STRETCH AT 30% B. L. 2,60% / **STRETCH AT B. L.** 3,60%
COLOURS Vectran® Natural, Vectran® Grey

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
2	0,98	430	3,10	200
2,5	1,22	640	4,50	200
3	1,39	860	6,10	200
3,5	2,23	1.350	9,50	200
4	2,83	1.880	11,90	200
5	3,85	2.760	18,00	200
6	4,91	3.800	25,00	200
7	-	-	-	-
8	9,19	6.760	44,50	200
9	-	-	-	-
10	13,77	10.000	74,00	200
11	-	-	-	-
12	18,69	12.540	85,00	100

Dyneema® Webbing

CODICE STANDARD V04 / CODICE LIGHT V04_L



Dyneema® Webbing is very light and extremely resistant to abrasion. It has a high breaking load, a low elongation and an excellent UV resistance.

CONSTRUCTION Fabric tape / **COVER** Dyneema® 100%
STANDARD MEASURES from 20 to 50 mm / **STANDARD COLOUR** White

STANDARD WEBBING

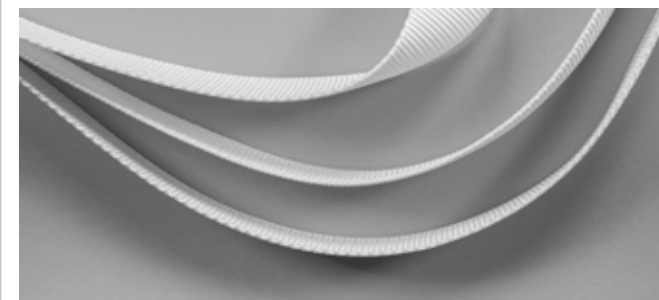
WIDTH	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
20	5,74	1.200	11,40	100
25	7,30	1.500	15,00	100
30	7,87	1.700	17,30	100
35	9,28	1.950	19,70	100
40	10,41	2.100	22,20	100
45	11,59	2.450	25,26	100
50	13,68	2.700	27,00	100

LIGHT WEBBING

WIDTH	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
20	4,60	840	9,60	50 / 100
25	5,84	1.050	11,70	50 / 100
30	6,31	1.190	13,90	50 / 100
40	8,33	1.470	18,50	50 / 100

Polyester Webbing

CODICE BIANCO V03 / CODICE NERO V03_N



Polyester Webbing has a compact construction as well as a good UV and wear resistance.

CONSTRUCTION Fabric tape / **COVER** Polyester 100%
STANDARD MEASURES from 20 to 50 mm / **STANDARD COLOUR** White, Black

WHITE WEBBING

WIDTH	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
20	1,06	800	27,00	100
25	1,16	1.000	34,00	100
30	1,46	1.250	40,00	100
40	1,87	1.600	54,00	100
50	2,30	2.000	67,00	100

BLACK WEBBING

WIDTH	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
25	1,75	1.000	25,30	100
30	2,19	1.250	33,00	100
40	2,80	1.600	44,10	100
50	3,45	2.000	54,00	100

Sagola

CODE N016



Flexible and durable in sunlight. Suitable for flags, all types of boats, for dinghies as well as for windsurfing, kitesurfing, spear fishing and small bindings.

CONSTRUCTION Polyester braid / **CORE** Multifilament Polyester

COVER Polyester / **STANDARD DIAMETERS** from 0,6 to 6 mm

STANDARD COLOURS White, Black, Silver Grey, Hemp, Beige, Yellow, Yellow Fluo, Red, Orange, Orange Fluo, Violet, Bordeaux, Green, Green Fluo, Light Blue, Sea Blu, Blu Navy, White with Red markers, White with Green markers, White with Light Blue markers, Yellow with Light Blue markers, Red with Yellow markers, Green with Yellow mark, Light Blue with Yellow markers

N.B. The diameter 0,6 mm is available only in white and black

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
0,6	0,05	29	0,80	300
0,8	0,07	46	1,10	300
1	0,10	50	1,60	200
1,5	0,16	79	2,10	200
2	0,23	132	3,20	200
2,5	0,30	143	4,40	200
3	0,33	192	5,50	200
3,5	0,41	271	8,60	200
4	0,52	320	16,00	200
5	0,65	400	22,75	200
6	0,91	500	30,00	200

Fantasy

CODE N009



This compact and flexible rope is resistant to UV rays, salt water, solvents and chemical products. It is used for fenders, small moorings, towing, anchors of small boats, blinds, biminies, mooring posts and various bindings. It is not suitable for splicing. Additional information on the general marine yachting catalogue.

CONSTRUCTION Polyester braid

CORE Twisted Polyester yarn

COVER Polyester

STANDARD DIAMETERS from 4 to 18 mm

STANDARD COLOURS Base White, with Red, Green or Light Blue marker

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
4	0,45	320	16,00	400
5	0,61	400	22,00	250
6	0,80	500	30,00	300
8	1,15	950	50,00	300
10	1,63	1.350	75,00	200
12	2,19	1.900	100,00	100
14	2,75	2.500	140,00	100
16	3,61	3.300	185,00	100
18	4,74	4.200	240,00	100

DynElastic

CODE T07_DYN



NEW



The Dyneema® cover makes this braid very resistant both to abrasion and to repeated micro-movements on the same point and thanks to its features it limits the over-elongation of the braid itself. Excellent UV resistance. It has been developed thinking about the intense use on catamarans, skiffs and other new concept boats. Additional information on the general marine yachting catalogue.

CONSTRUCTION Elastic braid with a special braided cover in Dyneema®

STANDARD DIAMETERS from 3 to 8 mm

COLOURS White - Pure Black / Yellow

DIAMETER	PRICE (WHITE)	PRICE PURE BLACK / YELLOW	WEIGHT	LENGTH
[mm]	[€ / m]	[€ / m]	[g / m]	[m]
3	1,90	2,09	6,10	100
4	2,85	3,13	12,90	100
5	3,09	3,41	16,80	100
6	3,37	3,70	26,20	100
7	4,64	5,10	36,70	100
8	5,84	6,44	48,00	100

Elastic

CODE N014



Elastic has a core made of pure rubber latex and a cover of Polyester, resistant to UV rays, to salt and to the bad weather. It is the absolute solution for boat sun shade canopies, covers, bindings, tie-rods and much more besides. Having a good duration over time, the elasticity reaches 150 % when new.

Technical use: Sailmaker, Upholsterer, tarp-maker. For further details please refer to our general marine catalogue.

CONSTRUCTION Elastic Braid**CORE** 100% Pure latex**COVER** Polyester / **STANDARD DIAMETERS** from 3 to 10 mm**COLOURS** White with Black markers and solid colour Black. Red, Light Blue, Yellow only for diameters mm 3,4, 5 and 6

Ø	MARKER	SOLID COLOUR	WEIGHT	LENGTH
[mm]	[€ / m]	[€ / m]	[g / m]	[m]
3	0,47	0,48	10,00	100
4	0,71	0,74	15,00	100
5	0,86	0,89	21,70	100
6	1,05	1,11	30,00	100
8	1,24	1,34	65,00	100
10	1,84	2,05	85,00	100

Protection Cover

CODE NA00C57 / NA00C33 / NA00C17 / NA00C56 / NA00C52

**Covers Composition**C57 - **DYN WHITE NATURAL**C33 - **DYN PURE BLACK PU COATED**C17 - **DYN PU COATED SILVER GREY**C56 - **PBO**C52 - **BTEC**

Cover in Dyneema® White Natural

Cover in Dyneema® Pure Black + PU

Cover in Dyneema® + PU Silver Grey

Cover in PBO-Zylon®

Cover in Black Technora®

High performance protection covers available for One Design, Racing and Super Yachts. The fibers used for their production have highest thermal resistance with a melting point up to 650° as well as a first-rate mechanical resistance to abrasion. Protection covers

are ideal to protect the critical points, i.e. where the ropes run at high speed with continuous friction and heavy load, as for example the exit points of the halyards on the top of the masts and on stoppers. They also protect sheets and tackles on winches as

well as generally speaking, all the running rigging subjected to high stress.

For further details please refer to our general marine catalogue.

NOTE The diameter must be read as diameter of the finished rope when the core is inserted

Ø	DYN WHITE NATURAL			DYN PURE BLACK PU COATED			DYN SILVER GREY PU COATED			PBO			BTEC		
	NA00C57			NA00C33			NA00C17			NA00C56			NA00C52		
	PRICE	LENGTH	WEIGHT	PRICE	LENGTH	WEIGHT	PRICE	LENGTH	WEIGHT	PRICE	LENGTH	WEIGHT	PRICE	LENGTH	WEIGHT
[mm]	[€ / m]	[m]	[g / m]	[€ / m]	[m]	[g / m]	[€ / m]	[m]	[g / m]	[€ / m]	[m]	[g / m]	[€ / m]	[m]	[g / m]
5	2,50	100	6,00	2,95	100	6,36	2,57	100	6,36	10,42	100	10,50	2,69	100	10,05
6	4,08	100	11,04	4,81	100	12,08	4,20	100	12,08	16,68	100	19,32	4,30	100	18,49
7	5,25	100	12,00	6,20	100	12,72	5,41	100	12,72	19,70	100	23,10	5,54	100	22,11
8	6,08	100	15,54	7,17	100	16,47	6,26	100	16,47	22,85	100	27,20	6,40	100	26,03
9	6,76	100	18,00	7,98	100	19,08	6,97	100	19,08	26,41	100	34,65	7,15	100	33,17
10	7,09	100	22,20	8,36	100	23,53	7,30	100	23,53	29,44	100	46,20	7,68	100	44,22
12	8,68	100	30,00	10,24	100	31,80	8,95	100	31,80	39,47	100	57,75	9,13	100	55,28
14	10,11	100	46,20	11,92	100	48,97	10,41	100	48,97	56,09	100	80,85	11,01	100	77,39
16	11,65	100	51,00	13,75	100	54,06	12,00	100	54,06	66,55	100	89,25	12,22	100	85,43
18	15,88	100	57,00	18,74	100	60,42	16,36	100	60,42	75,14	100	99,75	15,70	100	95,48
20	19,58	100	66,00	23,01	100	69,96	20,08	100	69,96	85,26	100	115,50	20,65	100	110,55

Supercable

The special double braid construction with Dyneema® cover provides: minimum elongation, high tensile strength, low weight, maximum cable flexibility, easy splicing and excellent durability. This cable is particularly suitable for the production of runners, forestays, removable forestay, backstay, structural strops, bobstay and the standing rigging of small boats. It also finds wide use on life lines, replacing the steel wire ropes. Supercable 78 and 99 differ in terms of breaking load and lightness. Indeed Supercable 99 guarantees higher performance and lighter weight compared to the ratio between diameter and breaking load.



Supercable 99

CODE N042_99



100%
SK99

HPS
REINFORCED

PU COATED
TEXTURE

CONSTRUCTION Double braid

CORE Dyneema® SK99 + HPS + PU

COVER Dyneema® SK78 + PU

COLOUR Grey, Black on order

DIAMETER	PRICE	B. L.	WEIGHT
[mm]	[€ / m]	[daN]	[g /m]
4	5,57	1.444	12,00
5	9,08	2.800	19,00
6	12,61	4.282	28,00
7	16,14	6.200	40,00
8	20,08	8.080	45,00
9	25,08	9.836	54,00
10	29,98	12.446	71,00
11	35,52	14.680	83,00
12	41,37	15.550	92,00
13	47,06	17.300	114,00
14	52,90	18.220	140,00

Supercable 78

CODE N042



100%
SK78

HPS
REINFORCED

PU COATED
TEXTURE

CONSTRUCTION Double braid

CORE Dyneema® SK78 + HPS + PU

COVER Dyneema® SK78 + PU

COLOUR Grey, Black on order

DIAMETER	PRICE	B. L.	WEIGHT
[mm]	[€ / m]	[daN]	[g /m]
4	4,44	1.155	12,00
5	7,25	2.250	19,00
6	10,05	3.087	28,00
7	12,88	4.995	40,00
8	16,01	6.400	45,00
9	20,01	8.550	54,00
10	25,01	9.716	71,00
11	28,34	11.600	83,00
12	33,01	14.500	92,00
13	37,54	16.000	114,00
14	42,19	17.780	140,00

Lazy Line

CODE N030



Soft braid, with the right level of compactness to resist to abrasion; always round and balanced, it is easy to splice. Coupled with Lash Bobbin, it makes the construction of Lazy Jack easy. The result is a look which is both technical and elegant.

COLOURS White, Silver Grey, Anthracite and Hemp (other colours on request)

DIAMETERS from 6 to 8 mm

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
5	0,92	400	18,00	100
6	0,96	500	21,00	100
7	1,87	600	26,00	100
8	2,22	700	30,00	100

Dyneema® Sewing Thread

CODE N211



Braid for special seams that require high tensile strength and low elongation. It slides very easily, is smooth and has an excellent resistance to abrasion and is ideal for the hand sewing of manufactured parts or special splicings. Custom sizes and constructions are also available in addition to those listed.

CONSTRUCTION 100% Dyneema®

DIAMETER	PRICE	B. L.	LENGTH ROLL
[mm]	[€ / roll]	[daN]	[m]
0,3	23,18	18	300
0,4	41,74	50	300
0,6	71,86	70	300
0,8	84,62	100	300
1	114,76	140	300
1,5	141,32	230	300

Waxed Pro®

CODE N031



High quality waxed braid rolls for professional use. Essential for binding and sewing.

DIAMETERS 1 mm and 1,5 mm

COLOURS Solid colour to be chosen between: White, Black, Grey, Brown, Hemp, Yellow, Red, Bordeaux, Green, Light Blue, Blue Navy

DIAMETER	PRICE	WEIGHT	LENGTH
[mm]	[€ / roll]	[g / m]	[m]
1	32,30	0,60	500
1,5	25,38	1,20	250

Sunstop® UVR Yarn

CODE V217



The Sunstop® UVR yarn is made of 100% Bonderized Polyester HT (high tenacity) material.

THE MAIN PROPERTIES OF THIS YARN ARE THE FOLLOWING

- Strong resistance to fading and degradation
- Improved UV protection
- Mold resistant

This property is granted to the yarn Sunstop® UVR by a particular additive put inside of the bonderization treatment (cohesion of the fibres) designed, patented and approved in cooperation with Sumbrella America. This yarn is used for technical sewing in the outdoor textile industry, like for example sun shade curtains, different types of covers, naval furnishings (sun canopies, boat sun shade canopies and nautical upholsteries suitable for the indoor and outdoor use) as well as for sails for different types of boats.

STANDARD COLOUR White, Natural, Black



Other colours available upon request



ARTICLE	ID	WEIGHT (OZ)	YARDS	YARDS PER OZ	METERS	METRI / OZ	COLOUR	PRICE
V217T45_16	Tex 45	16,00	8400,00	525,00	7680,00	480,06	White - Natural	€ 74,33
V217T70_16	Tex 70	16,00	5700,00	356,25	5220,00	326,15	White - Natural	€ 73,21
V217T70_9	Tex 70	9,20	3270,00	356,00	3000,00	326,15	White - Natural	€ 51,13
V217T70_9	Tex 70	9,20	3270,00	356,00	3000,00	326,15	Black, other colours available upon request*	€ 55,19
V217T90_16	Tex 90	16,00	4200,00	262,50	3840,48	240,03	White - Natural	€ 70,95
V217T90_8	Tex 90	8,00	2100,00	262,50	1920,24	240,03	White - Natural	€ 36,04
V217T90_8	Tex 90	8,00	2100,00	262,50	1920,24	240,03	Black, other colours available upon request*	€ 42,61
V217T135_16	Tex 135	16,00	2700,00	168,75	2469,00	154,31	White - Natural	€ 70,95
V217T135_16	Tex 135	16,00	2700,00	168,75	2469,00	154,31	Black	€ 73,21
V217T135_8	Tex 135	8,00	1350,00	168,75	1234,44	154,31	White - Natural	€ 37,62
V217T135_8	Tex 135	8,00	1350,00	168,75	1234,44	154,31	Black, other colours available upon request*	€ 42,61
V217T210_16	Tex 210	16,00	1900,00	118,75	1737,00	108,50	White - Natural	€ 70,95
V217T210_16	Tex 210	16,00	1900,00	118,75	1737,00	108,50	Black, other colours available upon request*	€ 75,46

Torsional ropes

THE MAIN CHARACTERISTIC OF THESE PRODUCTS IS CONSTITUTED BY THEIR PARTICULAR RIGIDITY, OBTAINED THROUGH AN ANTI-TORSION PROCESS AND A CONTAINED ELONGATION, THAT MADE THEM IDEAL TO FURL THE SAILS ON CRUISING BOATS. THEY ARE AVAILABLE ON REEL OR AS FINISHED PRODUCT, WITH CUSTOM-MADE LENGTH AND INCLUDING THE REQUIRED ACCESSORIES AS WELL.

Ropes available on reel

Zero Twist

CODE VA55



100%
VECTRAN

PU COATED
TREATMENT



Characterized by a particular rigidity, thanks to the special anti-torsion treatment, this cable is designed to be used in the luff of the sails or as a means of torsion transmission in a furling system for spherical sails. The low stretch and high breaking load make it ideal for the replacement of the double cable into the luff of CODE ZERO.

CONSTRUCTION Double braid

CORE Vectran® HS

COVER Polyester with no-torsion treatment

STANDARD DIAMETERS from 6 to 18 mm

STANDARD COLOUR Black

DIAMETER	PRICE	B. L.	WEIGHT	LENGTH
[mm]	[€ / m]	[daN]	[g / m]	[m]
6	5,95	1.100	36,92	200
7	7,35	1.800	45,95	200
9	9,39	3.500	72,75	200
11	12,63	5.500	98,60	200
13	17,51	9.000	136,84	200
16	24,07	14.000	204,90	200
18	31,12	16.800	271,14	200

Ropes available on reel

Zero Twist Pentex

CODE VA18



Excellent performance/price relationship. A good stiffness and a contained elongation make this item ideal to furl the sails on cruising boats.

CONSTRUCTION Double braid

CORE Unidirectional Pentex

COVER Polyester

STANDARD DIAMETERS from 9 to 17 mm

STANDARD COLOUR Black with markers

DIAMETER	COLOUR	PRICE	B. L.	WEIGHT	LENGTH
[mm]		[€ / m]	[daN]	[g / m]	[m]
9	Black with orange marker	4,02	1.750	63,00	200
11	Black with green marker	4,60	2.750	100,00	200
13	Black with light blue marker	5,44	4.380	118,00	200
15	Black with red marker	8,34	6.500	160,00	200
16	Black with white marker	9,09	6.900	188,00	200
17	Black with yellow marker	11,16	7.600	230,00	200

Accessories for Zero Twist finished cables

Lash Bobbin

Use a lash bobbin by making a binding between cable and tack-plate whenever the cable is shorter than the sail. It is necessary to strain the cable on the barrel.



CABLE DIAMETER	LASH BOBBIN (COD. N200)	LASH BOBBIN THICKNESS	MAX WIDTH WITH MOUNTED CABLE
∅ [mm]	[size]	[mm]	∅ [mm]
6	LB1	13,0	32,0
7	LB2	13,0	42,0
9	LB2	13,0	45,0
11	LB3	17,0	55,0
13	LBB2	25,0	60,0
16	LBB2	25,0	62,0
18	LB6	31,0	89,0

Reinforced Thimble

It's reinforced and welded, for a direct use on the drum and/or swivel fork.



CABLE DIAMETER	REINFORCED THIMBLE (COD. N250RINF)	THIMBLE THICKNESS	MAX WIDTH WITH MOUNTED CABLE
∅ [mm]	[size]	[mm]	∅ [mm]
6	8	12,5	38,0
7	8	12,5	40,0
9	9	13,8	46,0
11	10	15,4	55,0
13	12	18,5	63,0
16	14	21,5	72,0
18	16	23,0	82,0

Zero Twist finished cable



Armare Ropes supplies finished tailor-made **Zero Twist** and **Zero Twist Pentex** cables, with stainless steel reinforced thimbles or with Lash Bobbins. They can also be assembled on thimbles devoted to the furling system chosen by the customer and delivered to Armare Ropes by the customer or alternatively supplied directly by Armare.

PRICE CALCULATION EXAMPLE

Cable 13 mm

Finish length 16,50 m + 1,0 m cable for splicing

Total length = 17,50 m

17,50 m x 17,51 € / m	€ 306,43
N. 2 Splice x 67,00 €/each	€ 134,00
N. 2 Reinforced thimble 12 mm x 30,32 €/each	€ 60,64
Total Cable Cost	€ 501,07

CODE 0 / 1 / 2

SAIL	MAX BOAT LENGHT	MAX SAIL AREA	RECOMMENDED CABLE	MAX WORKING LOAD	CABLE PRICE	SPLICE PRICE	THIMBLE PRICE	LASH BOBBINS PRICE
	[ft]	[m ²]	Ø [mm]	[daN]	[€ / m]	[€ / Each]	[€ / Each]	[€ / Each]
CODE 0 / 1 / 2	18	24	6	500	€ 5,95	€ 34,00	€ 17,33	€ 10,84
CODE 0 / 1 / 2	20	29	7	800	€ 7,35	€ 39,10	€ 17,33	€ 12,76
CODE 0 / 1 / 2	25	37	9	1.500	€ 9,39	€ 51,50	€ 19,76	€ 12,76
CODE 0 / 1 / 2	30	55	11	2.500	€ 12,63	€ 56,70	€ 22,12	€ 14,19
CODE 0 / 1 / 2	40	88	13	4.000	€ 17,51	€ 67,00	€ 30,32	€ 18,39
CODE 0 / 1 / 2	45	100	16	6.000	€ 24,07	€ 72,10	€ 34,15	€ 18,39
CODE 0 / 1 / 2	50	135	18	7.500	€ 31,12	€ 82,40	€ 40,59	€ 30,08

STRETCH % AT MAX WORKING LOAD

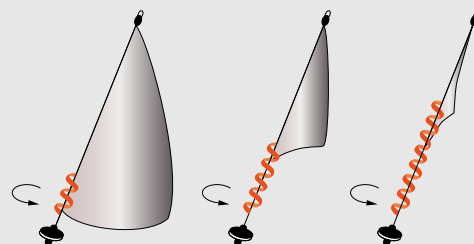
DIAMETER	B. L.	M.W.L.	500 daN	800 daN	1500 daN	2500 daN	4000 daN	6000 daN	7500 daN
[mm]	[daN]	[daN]							
6	1.100	500	1,00%						
7	1.800	800	0,90%	1,20%					
9	3.500	1.500	0,70%	0,80%	1,30%				
11	5.500	2.500	0,60%	0,70%	1,00%	1,40%			
13	9.000	4.000	0,50%	0,55%	0,80%	1,10%	1,60%		
16	14.000	6.000	0,45%	0,50%	0,70%	0,90%	1,40%	1,70%	
18	16.800	7.500	0,40%	0,40%	0,60%	0,80%	1,20%	1,50%	1,80%

Torsional composite cable

TORSIONAL CABLES PRODUCED IN DYNEEMA® SK99 – KEVLAR® 49 AND PBO®, HAVE BEEN SPECIFICALLY DESIGNED TO BE USED AS A MEANS OF TORQUE TRANSMISSION ALONG THE CABLE, WITHOUT LOSS OF SPEED BETWEEN TACK AND PEAK OF THE SAILS, FOR THE FURLING OF THE FLYING OR SPHERICAL SAILS, AS GENNAKER, CODE ZERO, DRIFTER, SOLENT AND STAYSAILS.

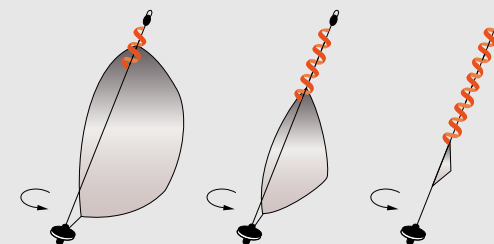
A CONTINUOUS TECHNOLOGICAL DEVELOPMENT HAS ENABLED THE DESIGN AND REALIZATION OF A WIDE RANGE OF TORSIONAL CABLES THAT ARE ALSO STRUCTURAL AND WHICH ALLOWS QUICK AND RELIABLE ACTIONS TO THE SAILORS AND A DRAMATIC REDUCTION OF THE FURLING TIME.

Bottom-Up System



This is the principle of the traditional winding. It owes its name to the torque transmission that happens from the bottom upwards. The sail is secured with a lashing on both ends of the cable; the torsional force is applied to the drum and the textile cable transmits the torque along the cable to the opposite end (at the top); the sail wraps from the bottom to the top.

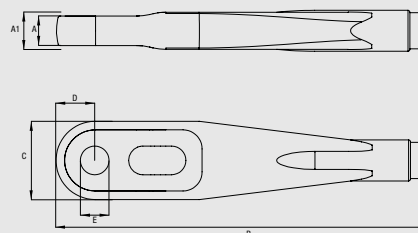
Top-Down System



In this case, the tack of the sail is fixed to the specific swiveling drum (free tack): The torsional power applied to the drum is transmitted almost instantly to the swivel at the top and this causes the winding of the sail from the top to the bottom. Once completed the winding, the halyard can be released and the sail can be easily stricken and stowed.

TORSIONAL TERMINAL

TORSIONAL TERMINAL	A	A1	B	C	D	E
CODE	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
AT1	10,80	15,00	155,00	29,00	14,50	On Request - Max PIN 11,30
AT2	15,50	19,50	165,60	40,00	20,00	On Request - Max PIN 15,00
AT3	18,50	24,50	235,00	54,00	27,00	On Request - Max PIN 25,00
AT4	18,00	33,00	315,00	75,30	35,00	On Request - Max PIN 25,00
AT5	27,00	42,00	315,00	90,00	45,00	On Request - Max PIN 28,50



NFC Technology

Armare includes NFC technology (Near Field Communication) in all its composite cables. The TAG put inside of the composite cables head, ensures the traceability and the essential information in order to plan their maintenance/substitution.

Torsional PBO® cable

B. L.	M. W. L.	BOTTOM-UP Torsional		TOP-DOWN Torsional	
		DIAMETER	WEIGHT	DIAMETER	WEIGHT
[Ton]	[Ton]	[mm]	[g/m]	[mm]	[g/m]
6,00	1,71	10,5	114	11,3	129
6,75	1,93	10,9	118	11,8	133
7,00	2,00	11,0	120	11,9	136
7,50	2,14	11,1	124	12,0	140
8,00	2,29	11,5	130	12,4	147
8,35	2,39	11,8	135	12,7	153
9,00	2,57	12,0	141	13,0	159
9,20	2,63	12,2	153	13,2	173
9,78	2,79	12,5	161	13,5	182
10,00	2,86	12,7	173	13,7	195
10,36	2,96	12,8	176	13,8	199
11,00	3,14	13,2	182	14,3	206
11,66	3,33	13,5	190	14,6	215
12,00	3,43	13,8	194	14,9	219
12,95	3,70	13,9	197	15,0	223
13,00	3,71	14,0	200	15,1	226
14,00	4,00	14,3	206	15,4	233
15,00	4,29	14,5	213	15,7	241
14,98	4,28	14,6	216	15,8	244
16,00	4,57	14,8	221	16,0	250
17,00	4,86	15,1	228	16,3	258
18,00	5,14	15,4	244	16,6	276
19,50	5,57	15,5	255	16,7	288
20,00	5,71	15,6	270	16,8	305
21,00	6,00	16,0	279	17,3	315
22,00	6,29	16,4	285	17,7	322
24,00	6,86	16,8	288	18,1	325
25,00	7,14	17,2	290	18,6	328
26,00	7,43	17,7	295	19,1	333
28,00	8,00	18,1	299	19,5	338
30,00	8,57	18,6	313	20,1	354
32,00	9,14	19,0	333	20,5	376
35,00	10,00	19,7	362	21,3	409

Torsional Kevlar® cable

B. L.	M. W. L.	BOTTOM-UP Torsional		TOP-DOWN Torsional	
		DIAMETER	WEIGHT	DIAMETER	WEIGHT
[Ton]	[Ton]	[mm]	[g/m]	[mm]	[g/m]
6,00	1,71	10,9	152	11,8	172
7,00	2,00	11,5	168	12,4	190
7,50	2,14	12,4	174	13,3	197
7,80	2,23	12,6	181	13,6	204
8,00	2,29	13,1	189	14,2	214
9,00	2,57	13,3	194	14,4	220
10,00	2,86	13,9	205	15,0	231
11,00	3,14	14,3	214	15,4	242
12,00	3,43	15,1	236	16,3	267
12,75	3,64	15,4	242	16,6	273
13,00	3,71	15,6	251	16,8	284
13,50	3,86	15,8	256	17,0	290
14,00	4,00	16,0	263	17,2	297
15,00	4,29	16,3	271	17,6	306
16,00	4,57	16,7	284	18,1	320
17,00	4,86	17,0	294	18,4	332
18,00	5,14	17,2	305	18,6	344
20,00	5,71	17,7	315	19,1	356
21,00	6,00	18,1	320	19,5	362
22,00	6,29	18,3	328	19,8	370
24,00	6,86	20,0	373	21,5	421
25,00	7,14	20,4	378	22,1	427
26,00	7,43	20,9	383	22,6	433
29,00	8,29	21,9	410	23,6	463
30,00	8,57	22,3	421	24,1	476
32,00	9,14	22,8	441	24,6	498
35,00	10,00	23,8	473	25,7	534

Torsional Dyneema® SK99 cable

B. L.	M. W. L.	BOTTOM-UP Torsional		TOP-DOWN Torsional	
		DIAMETER	WEIGHT	DIAMETER	WEIGHT
[Ton]	[Ton]	[mm]	[g/m]	[mm]	[g/m]
6,00	1,71	11,2	160	12,1	181
7,00	2,00	12,1	160	13,1	181
7,50	2,14	13,0	166	14,0	188
7,80	2,23	13,3	172	14,4	194
8,00	2,29	13,8	180	14,9	203
9,00	2,57	14,0	185	15,1	209
10,00	2,86	14,6	195	15,8	220
10,50	3,00	14,7	199	15,9	225
12,00	3,43	15,9	225	17,2	254
12,75	3,64	16,2	230	17,5	260
13,00	3,71	16,4	239	17,7	270
13,50	3,86	16,6	244	17,9	276
14,00	4,00	16,8	250	18,1	283
15,00	4,29	17,2	258	18,6	292
16,00	4,57	17,6	270	19,0	305
17,00	4,86	17,9	280	19,3	316
18,00	5,14	18,1	290	19,5	328
20,00	5,71	18,6	300	20,1	339
21,00	6,00	19,0	305	20,5	345
22,00	6,29	19,3	312	20,8	353
24,00	6,86	21,0	355	22,7	401
25,00	7,14	21,5	360	23,2	407
26,00	7,43	22,0	365	23,8	412
29,00	8,29	23,0	390	24,8	441
30,00	8,57	23,5	401	25,4	453
32,00	9,14	24,0	420	25,9	475
35,00	10,00	25,0	450	27,0	509

NOTE Weights and diameters shown on this page are indicative. Armare s.r.l. reserves the right to change and modify in accordance to individual project specifications.

Fore and aft cable

TEXTILE RIGGING REMAINS ONE OF THE MAIN DEVELOPMENT AREAS, WHERE IT IS POSSIBLE TO OBTAIN MOST, IN TERMS OF LIGHTNESS AND PERFORMANCE.

ARMARE DESIGNS, PRODUCES AND TESTS COMPLETE SOLUTIONS FOR HIGH-TECH TEXTILE EQUIPMENT AND HIGH PERFORMANCE CABLES, MADE WITH INNOVATIVE HIGH MODULUS FIBRES.

Light, safe and durable

Armare textile PBO® cables grant a 50% higher safety ratio than ROD cables and their weight reduction reaches 80%. PBO® cables are lighter and safer even when compared to other types of composite rigging. The adoption of PBO® textile rigging provides different benefits to the performance of any kind of sail boat.

Increased stability and comfort

The weight of a textile cable is definitely lower than a similar one in ROD. This weight reduction is even more noticeable in the upper section of the stay, at two thirds of its length. The consequence is a clear reduction of the pitch and a considerable decrease of the luff banding.

Better performance

Composite cables allow better wind ward and quicker manoeuvres. Using them, the boat pitches less against the waves and sails lighter, faster and more powerful. Thanks to the construction without any resin and to the optimization of the production process, Armare realizes cables having a minimum diameter and consequently a decrease of windage.

Easy to install and maintain

With the support of our technicians, replacing steel cables with textile standing rigging can also be performed in retrofit on any yacht. The durability of composite cables is long and their maintenance is simple and quick. Any substitution can be easily done in a short time.



Comparison between PBO-Zylon® cables and Nitronic 50

CODE	BREAKING LOAD	MAX WORKING LOAD	DIAMETER	WEIGHT PBO®	EA	STRETCH EQUIVALENT DASH	BREAKING LOAD N 50	DIAMETER N 50	WEIGHT N 50
	[daN]	[daN]	[mm]	[Kg/m]	[MN]		[daN]	[mm]	[Kg/m]
PB 3.0	3.000	750	5,8	0,043	2,20	-3	-	-	-
PB 3.7	3.700	925	6,2	0,047	2,70	-4	2.130	4,37	0,12
PB 4.0	4.000	1.000	6,3	0,050	3,00	-5	-	-	-
PB 4.5	4.500	1.125	6,5	0,054	3,50	-6	2.860	5,03	0,16
PB 5.3	5.300	1.325	7,0	0,058	4,20	-7	-	-	-
PB 6.2	6.200	1.550	7,6	0,063	4,95	-8	3.720	5,72	0,20
PB 7.5	7.500	1.875	8,0	0,072	6,10	-10	4.670	6,35	0,24
PB 9.2	9.200	2.300	9,4	0,080	7,72	-12	5.670	7,14	0,31
PB 10.3	10.360	2.590	9,7	0,086	8,56	-15	6.460	7,52	0,35
PB 12.9	12.950	3.237	10,5	0,105	10,94	-17	7.940	8,38	0,43
PB 17.3	17.360	4.340	11,7	0,130	13,74	-22	10.200	9,53	0,56
PB 22.4	22.410	5.602	13,6	0,162	18,66	-30	13.600	11,10	0,76
PB 28.1	28.150	7.037	15,2	0,197	24,43	-40	17.200	12,70	0,99
PB 35.3	35.350	8.837	17,1	0,250	30,85	-48	21.800	14,27	1,25
PB 49.6	49.610	12.402	19,5	0,350	42,55	-60	27.200	16,76	1,73
PB 57.3	57.300	14.325	21,0	0,401	48,59	-76	34.500	17,91	1,98
PB 67.2	67.200	16.800	22,8	0,470	57,66	-91	40.800	19,51	2,34
PB 86.3	86.300	21.575	25,7	0,597	74,83	-115	52.200	22,23	3,04
PB 112.0	112.000	28.000	29,5	0,770	97,74	-150	68.000	25,40	3,98

PBO-Zylon® cables

CODE	B. L.	MAX W. L.	DIAMETER	WEIGHT
	[daN]	[daN]	[mm]	[Kg/m]
PB 05	5.000	1.250	6,9	0,059
PB 10	10.000	2.500	9,5	0,085
PB 15	15.000	3.750	11,0	0,119
PB 20	20.000	5.000	12,3	0,148
PB 25	25.000	6.250	14,0	0,176
PB 30	30.000	7.500	15,2	0,205
PB 35	35.000	8.750	16,9	0,249
PB 40	40.000	10.000	17,9	0,290
PB 45	45.000	11.250	18,9	0,325
PB 50	50.000	12.500	19,7	0,379

Kevlar® 49 cables

CODE	B. L.	MAX W. L.	DIAMETER	WEIGHT
	[daN]	[daN]	[mm]	[Kg/m]
K49 05	5.000	1.250	9,0	0,075
K49 10	10.000	2.500	12,0	0,123
K49 15	15.000	3.750	14,5	0,165
K49 20	20.000	5.000	16,2	0,210
K49 25	25.000	6.250	17,5	0,260
K49 30	30.000	7.500	19,0	0,320
K49 35	35.000	8.750	20,0	0,350
K49 40	40.000	10.000	21,1	0,400
K49 45	45.000	11.250	22,5	0,450
K49 50	50.000	12.500	23,7	0,510

Dyneema® SK99 cables

CODE	B. L.	MAX W. L.	DIAMETER	WEIGHT
	[daN]	[daN]	[mm]	[Kg/m]
DYN 05	5.000	1.250	8,5	0,054
DYN 10	10.000	2.500	11,8	0,082
DYN 15	15.000	3.750	14,0	0,115
DYN 20	20.000	5.000	15,9	0,147
DYN 25	25.000	6.250	17,0	0,173
DYN 30	30.000	7.500	18,7	0,207
DYN 35	35.000	8.750	19,6	0,231
DYN 40	40.000	10.000	20,3	0,263
DYN 45	45.000	11.250	22,0	0,298
DYN 50	50.000	12.500	23,1	0,327

Rigging line

Unidir Loop



100%
SK99

100%
SK78

PU COATED
TREATMENT



Designed for replacing steel shackles and all the steel links on-board, these loops have higher specifications as they are built with unidirectional winding yarns. Dyneema® SK99 fiber is used for the core, while Dyneema® SK78 is used to produce the protection braid treated with a special anti-abrasion coating too. These products guarantee the best ratio diameter/breaking strength available on the market; they can be used in linear and double (basket) configuration as well as with a T-Bone. Warning: The use in different configurations affects the breaking load. Further sizes are available on request.

CONSTRUCTION Multifilament and unidirectional winding yarns

CORE Unidirectional Dyneema® SK99

COVER Dyneema® SK78 treated with a special anti-abrasion coating

CODE	PRICE	LENGTH	LINEAR B. L.	DIAMETER
	[€ / pc]	[mm]	[daN]	[mm]
N202UDLOOP 2.2-150	43,53	150	2.200	6
N202UDLOOP 2.2-200	46,22	200	2.200	6
N202UDLOOP 3.0-150	65,30	150	3.000	7
N202UDLOOP 3.0-200	87,05	200	3.000	7
N202UDLOOP 3.0-250	108,55	250	3.000	7
N202UDLOOP 5.0-100	62,87	100	5.000	9
N202UDLOOP 5.0-150	78,46	150	5.000	9
N202UDLOOP 5.0-200	104,25	200	5.000	9
N202UDLOOP 5.0-250	130,58	250	5.000	9
N202UDLOOP 6.0-250	135,42	250	6.000	10
N202UDLOOP 8.0-150	91,35	150	8.000	12
N202UDLOOP 8.0-200	121,99	200	8.000	12
N202UDLOOP 8.0-250	135,42	250	8.000	12
N202UDLOOP 10.0-150	105,22	150	10.000	13
N202UDLOOP 10.0-200	144,01	200	10.000	13
N202UDLOOP 10.0-250	150,47	250	10.000	13
N202UDLOOP 10.0-700	174,10	700	10.000	13
N202UDLOOP 12.0-150	117,52	150	12.000	16
N202UDLOOP 12.0-200	156,70	200	12.000	16
N202UDLOOP 12.0-250	195,60	250	12.000	16
N202UDLOOP 15.0-150	130,58	150	15.000	19
N202UDLOOP 15.0-200	163,57	200	15.000	19
N202UDLOOP 15.0-250	183,78	250	15.000	19
N202UDLOOP 16.0-250	203,13	250	16.000	20
N202UDLOOP 18.0-250	217,63	250	18.000	22

Dyneema® Light Shackles

CODE N203 (STANDARD SHACKLE) / N204 (BLOCK SHACKLE)



They can be used to substitute any opening metal hook, guaranteeing safety, resistance and a considerable weight reduction (about 6 times less). Their lightness and the construction with textile fibers help to prevent damage to people due to accidental impacts and to protect the boat surface as well as the mast. What's more, they don't squeak. Other dimensions upon request.

CONSTRUCTION The textile Light Shackles are made entirely of Dyneema® SK78, without metal parts

STANDARD SHACKLE	PRICE	MAX WORKING LOAD	WEIGHT	LENGTH
	[€ / pc]	[daN]	[g/pc]	[mm]
LS 5	35,72	1.250	15	60
LS 8	40,01	2.000	23	70
LS 12	46,61	3.000	30	80
LS 20	57,02	5.000	70	90
LS 24	78,80	7.000	90	100

BLOCK SHACKLE	PRICE	MAX WORKING LOAD	WEIGHT	LENGTH
	[€ / pc]	[daN]	[g/pc]	[mm]
LS 5B	41,45	1.250	17	90
LS 8B	46,04	2.000	25	105
LS 12B	58,74	3.000	35	125
LS 20B	68,10	5.000	77	135
LS 24B	90,73	7.000	98	150

Lash Bobbin

CODE N200LB



Used both for running and standing rigging and to obtain optimal distribution of the load on lashings, replacing blocks when the rope undergoes little sliding, such as the vang fall system, backstay fall systems, etc. They can be used with loops, strops and spliced on ropes. Available in different sizes.

CODE	PRICE	DIAMETER	S. W. L.	THICK-NESS	Ø MAX ROPE	HOLE
	[€ / pc]	[mm]	[daN]	[mm]	[mm]	[mm]
LB 0	10,24	18,6	400	8	5	7,20
LB 1	10,84	25	750	10	6	9
LB 2	12,76	38	1.500	13	9	15
LB 3	14,19	48	3.000	17	11	19
LB 4	15,44	55	4.000	20	13	21
LB 5	18,06	59	4.500	20	13	25
LB 6	30,08	69,6	5.900	31	22	29

Big Bobbin for Loop

CODE N200LBB



The Big Bobbin for Loops differ from the lash bobbins exclusively for the broader measures of the groove, allowing the housing of the loops when in basket configuration (double).

CODE	PRICE	DIAMETER	S. W. L.	THICK-NESS	Ø MAX ROPE	HOLE
	[€ / pc]	[mm]	[daN]	[mm]	[mm]	[mm]
LBB 1	15,65	38	1.500	18	14	15
LBB 2	18,39	48	3.000	24	18	19
LBB 3	20,21	55	4.000	29	22	21
LBB 4	22,58	59	4.500	30	22	25
LBB 5	28,48	69,6	5.900	41	32	29

Electrical Heat-Cutter

CODE N300



Electric heat-cutter for manual heat cutting of ropes and synthetic ribbons. Blade, CE conformity declaration and instructions are provided with the product.

SUPPLY VOLTAGE 230 V - 50 Hz

POWER 60 Watt

BLADE TEMPERATURE 600 °C reached
in about 8 seconds

Price **99,99 €**/pc

NET
PRICE

Electronic Heat-Cutter

CODE N300_120W

NEW



Electronic heat-cutter for manual heat cutting of ropes and synthetic ribbons, also of big dimensions.

Low weight, reliability, very short heating time.

Blade, CE conformity declaration and instructions are provided with the product.

SUPPLY VOLTAGE 230 V - 50 Hz

POWER 120 Watt max

BLADE TEMPERATURE 600°C reached
in less than 6 seconds

Price **299,99 €**/pc

NET
PRICE

Envelope Containing 5 Needles for Sewing

CODE N303_NEEDLES

T
DISCOUNT



Envelope containing 5 needles for bindings and sewing. Assorted sizes 13 to 19 mm.

Price **15,70 €**/pc

10 Needles for Sewing

CODE N307_NEEDLES

T
DISCOUNT



Tube containing 10 needles for sewing. Assorted sizes 14 to 18 mm.

Price **25,20 €**/pc

20 Needles for Sewing

CODE N304_NEEDLES

NEW

T
DISCOUNT



Tube containing 20 needles for sewing.
Assorted sizes 14 to 18 mm.

Price **49,90 €/pc**

Marlin Spikes

CODE 175 mm N301_MARLIN_175

CODE 265 mm N301_MARLIN_265

T
DISCOUNT



Marlin Spikes for the splicing on strand ropes
available in two lengths:

- 175 mm for ropes up to 16 mm diameter
- 265 mm for ropes up to 30 mm diameter.

MARLIN SPIKES 175 mm

Price **8,00 €/pc**

MARLIN SPIKES 265 mm

Price **16,00 €/pc**

Splicing Kit Selma

CODE N302_SPLICING-KIT

T
DISCOUNT



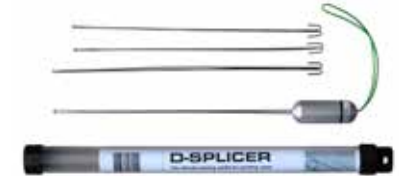
Splicing kit containing 5 needles made with 316 polished
stainless-steel. It can be used for the splicing of single and
double braids from diameter 4 to 18 mm. The kit is supplied
with instruction.

Price **58,90 €/pc**

D-Splicer Set

CODE N302_DSPLICERSET

T
DISCOUNT



Set made of 4 needles for the splicing of ropes
thinner than 5 mm diameter.

Price **44,90 €/pc**

F-Series Needel

CODE N302_DISPLICER



Stainless-steel needles, with fixed handle for easy pulling.

They are available in 3 different sizes:

F15: 1.5 mm for ropes from 2-4 mm

F20: 2.0 mm for ropes from 4-6 mm

F25: 2.5 mm for ropes from 6-8 mm

Price

F15: 17,90 €/pc

F20: 18,20 €/pc

F25: 18,90 €/pc

Special Scissors

CODE LAMA 15 CM N300_FORBICI_15

CODE LAMA 24 CM N300_FORBICI_24



Special scissors to cut Dyneema®, Vectran® and Kevlar®.

They are available in 2 different sizes:

Scissor blade 15 cm

Scissor blade 24 cm

Price

Scissors blade 15 cm **35,20 €/pc**

Scissors blade 24 cm **38,30 €/pc**

Armare Splicing Tape

CODE N304_TAPE_ARMARE



Armare tape for splicing.

High: 19 mm

Length: 66 m

Price **2,80 €/pc**

NET
PRICE



SpecialRig, a brand of Armare Group, exclusive distributor for the Italian market for different brands like

Ronstan, Clamcleat® and Karver®.

Sailboat hardware, furlers and cleats: all the accessories you need to equip your boat for a safe and enjoyable cruising experience.



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ARMARE ROPES SAILMAKER LINE

-
2019

**RECOMMENDED
RETAIL PRICE LIST
(VAT EXCLUDED)
VALID UNTIL 31/12/2019**

Terms and conditions of sale

PRICES

The validity of the present Price List is indicated on the cover. Armare keeps the right to increase prices without prior notice. All prices are in Euro and exclusive of Value Added Tax (VAT). Although Armare has taken the maximum care in the edition of this Price List, some mistakes may have occurred. Therefore, prices do not constitute a commitment, or a sales contract.

TERMS OF PAYMENT

Late payments as regard as the agreed conditions, entitle Armare to charge legal interests and all expenses incurred in the credit collection.

DELIVERY

TAI shipments are made "Ex works San Giorgio di Nogaro (UD)". Armare does not insure goods during the journey to destination and is also free from any liability for loss or damage of the goods, from the time the order is handed to the carrier. Therefore, in case of delays in delivery or receipt of damaged goods, the customer has to contact directly the carrier.

DELIVERY TERMS

The delivery terms estimate in the order confirmation are approximate, and should be considered as working days. They are calculate from the date of the following conditions are fulfilled:

- 1) Issue of the order confirmation by Armare;
- 2) The customer has to send the order confirmation stamped and signed for acceptance to Armare;
- 3) Payment by the client of the account or the balance of the total amount of the order, in case of agreement of advance payment.

COMPLAINTS

It is customer's responsibility to check the products upon delivery, in order to verify their condition and completeness. Claims for any damage or shortage must be notified written by e-mail or FAX to Armare, within three days from receipt of the goods.

RETURN OF GOODS

Returns of purchased goods will only be accepted with the prior written permission of Armare. No credit will be allowed for used or damaged goods. Any return will be at the expense of the buyer.

QUOTATIONS ON DEMAND

The prices of some articles, which are not indicated on this price list, will be quoted only on demand.


ASSISTANCE

Armare is always available for any information or customers' need.

GOVERNING LAW

The purchase agreements are governed exclusively by Italian law.

Discount annotations

On each page you will find a symbol with one or more letters:  Each letter corresponds to a percentage of discount.

DISCOUNT PERCENTAGE

Z = Complete roll of rope; Dyneema® Light Shackle; Unidir Loop

Y = Cut length (less than 100 meters)

V = Lash Bobbin; Big Bobbin; T-Bone; Coating; Zero Twist Cable

T = Needles, Splicing tools; Scissors

Armare Official Supplier

Armare Ropes, official supplier to FIV (Italian Sailing Federation) and supporter of the Italian Olympic Team as well as of the AICO National Competitive Team.





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