

RACING LINE

ARMARE RACING LINE PRODUCTS ARE SPECIFICALLY DEDICATED TO PROFESSIONAL RACERS AND HAVE BEEN DESIGNED, MANUFACTURED AND TESTED ON HIGH PERFORMANCE BOATS, TO MEET THE SPECIFIC NEEDS OF THOSE WHO LIVE AND WORK AT SEA. IN ADDITION TO THE ALREADY WIDE RANGE OF SUCH PRODUCTS, EACH ARTICLE CAN BE CUSTOMISED ACCORDING TO THE SPECIFIC REQUIREMENTS OF THE DESIGNER, THE RIGGER, THE SHIPOWNER OR THE SHORE TEAMS, CHANGING THE MIXTURE OF FIBERS USED, THE COLOURS, THE LOADS, THE DIAMETERS AND THE CONSTRUCTION.

Armare Racing Line products are made with three different technical fibers that can be eventually completed with different choices of protective sheaths. The table summarise the main features of the fibers used for the construction of internal cores.

FIBER	TENACITY	MODULUS	CREEP	SPECIFIC GRAVITY	MELTING TEMP
	[cN/dTex]	[cN/dTex]	[-]	[Kg/dm³]	[°C]
PBO - Zylon®	37,00	1.720	Excellent	1,560	650
Dyneema® SK99	42,50	1.590	Very good	0,975	147
Dyneema® SK90	39,50	1.435	Good	0,975	147

AVAILABLE CORES RACING LINE

PBO-Zylon® PU



The PBO-Zylon® fiber guarantees the lowest elongation, a high breaking load, elevated mechanical resistance and optimal flexibility. PBO-Zylon® lines are designed for sail professionals and for their boats where the innovation of deck equipment is to be considered one of the main points of strength. The elevated stability of structure on winches and stoppers, lighter weight and better handling, make these ropes an excellent partner of the most demanding crews.

Dyneema® SK99 HPS + PU



The ultimate Dyneema® SK99 delivers the highest tenacity available in a light weight polymer fiber. It shows a 7% increase tenacity over SK90 and 20% over SK75 and SK78 and the modulus is 10% higher than SK90 and 35% higher than SK75 and SK78. This translates into thinner and lighter weight lines than other ropes, made with the same diameter, but with significantly increased strength. The result is a better performance from more compact running rigging and guarantee a lower stretch, better sail performance and boat response.

Dyneema® SK90 HPS + PU



The High Modulus fiber Dyneema® SK90 is the evolution of the SK78 and SK75 sister fibers. An increase of about 12% of the Breaking Load and a reduction of 20% in elongation has been obtained, thus maintaining light weight, low water absorption, high UV resistance, abrasion and cutting resistance and excellent flexibility. No Limits on the use of ropes with Dyneema® SK90, ideal for any race sail boat.

AVAILABLE COVERS RACING LINE

PBO PBO-Zylon®

Unbeatable resistance to abrasion and heat. Thanks to its properties, it is the best choice among the range of technical ropes, in the application where high temperatures due to the high loads are constantly present. PBO cover is especially used for the Runners Tackles and high friction/load sheets.

PBO/DYN PBO / Dyneema®

The resistance to abrasion is high, thanks to the great presence of PBO. The right mix with the Dyneema fibre transfers to the rope the good fluidity, when it's released under load on winch. Tests on racing boats have demonstrated that this cover has an incredibly durability to the high frequency movements. High loads and temperature don't scare the rope and it's the good solution for Afterguys and Genoa Sheets.

BTEC/DYN Black Technora / Dyneema®

This rope is composed by two of the best fibres in terms of durability and performance. The mixture of them is carefully studied to be fairly distributed and to profit by the best quality of both fibres, in order to lead the rope to excellent results in terms of smoothness, abrasion resistance and durability. Ideal for manoeuvres of high effort and repeated mechanical stress, in particular where the wear of the cover is steadily present.

BTEC/DYN/PET Black Technora / Dyneema® / PET

It is suitable for numerous boats and uses. Thanks to the presence of Polyester, it is easy to customize, and it becomes more recognizable in the distinction among different manoeuvres. In comparison with BTEC+DYN cover, it has a lightly lower strength on intensive uses, but it maintains the main characteristics, with an excellent resistance to abrasion and repeated bending. The extraordinary smoothness makes simple the control and the release on winch, without influence on the grip.

KEV/DYN Kevlar / Dyneema®

The combination, in a right proportion, of Kevlar and Dyneema, gives to this cover an incredible quality level. It's a good alternative to a PBO+DYN cover, where the loads are a little bit lower, but the repetition of the cycles on running rigging are high. The tests done on board of the best racing boats, during hard sessions of the match race, have confirmed that the two fibres work in symbiosis and their characteristics compensate each other.

KEV/DYN/PET Kevlar / Dyneema® / PET

It preserves similar characteristics as its sister BTEC+DYN+PET, but thanks to the high melting point of Kevlar, it is more suitable for high speed manoeuvres and load, where the ropes reach high temperatures. It possesses one of the best grip, but the UV resistance is lower than Black Technora, which is composed by special pigments that protract the life of the rope, despite of the exposure to the UV rays.



RACING LINE

PBO-Zylon® + PU






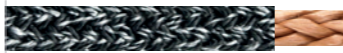





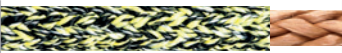






















Elevated Breaking Load
Low Elongation
Light Weight

Low Water Absorption
High UV Resistance
Excellent Flexibility

Top Performances

Ø	PBO TW SINGLE BRAID		FOR ALL COVERS	PBO	PBO/ DYN	BTEC/ DYN	BTEC/ DYN/PET	KEV/ DYN	KEV/ DYN/PET
DIAMETER	B. L.	WEIGHT	B. L.	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT
[mm]	[daN]	[g /m]	[daN]	[g /m]	[g /m]	[g /m]	[g /m]	[g /m]	[g /m]
1	-	-	-	-	-	-	-	-	-
1,5	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-
2,5	-	-	-	-	-	-	-	-	-
3	1.260	6,50	-	-	-	-	-	-	-
3,5	1.680	8,80	-	-	-	-	-	-	-
4	2.220	13,00	-	-	-	-	-	-	-
5	3.500	20,00	-	-	-	-	-	-	-
6	4.750	27,00	2.220	30,40	30,10	29,80	29,40	29,80	29,40
7	6.600	37,00	3.500	45,20	44,80	44,40	43,71	44,40	43,71
8	8.640	52,00	4.750	58,10	57,60	57,10	56,25	57,10	56,25
9	10.500	61,00	5.700	73,80	73,10	72,50	71,34	72,50	71,34
10	12.830	78,00	6.600	81,10	80,30	79,60	78,40	79,60	78,40
11	14.420	92,00	8.640	106,10	105,10	104,10	102,60	104,10	102,60
12	17.100	110,00	10.500	121,70	120,50	119,50	117,60	119,50	117,60
13	19.000	125,00	11.650	140,00	138,60	137,90	132,81	137,48	133,89
14	21.000	140,00	12.830	159,10	157,60	156,20	153,86	156,20	153,86
15	23.400	157,00	13.600	185,00	183,15	180,00	175,49	181,67	176,92
16	-	-	14.420	210,10	208,10	206,20	203,15	206,20	203,15
17	-	-	-	-	-	-	-	-	-
18	-	-	17.100	260,00	257,50	255,30	251,37	255,30	251,37
20	-	-	21.000	332,80	329,6	326,70	321,73	326,70	321,73

NOTE ABOUT BREAKING LOAD AND DIAMETERS The average values shown above are derived from tests taken at Armare laboratory, on properly spliced new ropes, and may change without notice. Other diameters available on request. The static load of the rope must not exceed 20% of Breaking Load shown in the table. Knots may affect the Breaking Load of the rope with reductions of up to 60%. The splicing increases the diameter of the rope of about 1.5 times. The use and exposure to weather conditions, depending from the kind of rope and the time of esposure, can reduce the breaking loads of the ropes.

 	 	 	 	 	 	 
PBO Single Braid	PBO - PBO	PBO - PBO / DYN	PBO - BTEC / DYN	PBO - BTEC / DYN / PET	PBO - KEV / DYN	PBO - KEV / DYN / PET
COVER Single braid without cover.	COVER PBO®.	COVER PBO® / Dyneema®.	COVER Black Technora / Dyneema®.	COVER Black Technora / Dyneema® / Polyester .	COVER Kevlar® / Dyneema®.	COVER Kevlar® / Dyneema® / Polyester.
PRODUCT CODE NA56	PRODUCT CODE NA56C56	PRODUCT CODE NA56C65	PRODUCT CODE NA56C35	PRODUCT CODE NA56C85	PRODUCT CODE NA56C68	PRODUCT CODE NA56C78
CONSTRUCTION 12 plait with PBO-Zylon® impregnated with polyurethane coating.	CORE 12 plait with PBO-Zylon® impregnated with polyurethane coating.	CORE 12 plait with PBO-Zylon® impregnated with polyurethane coating.	CORE 12 plait with PBO-Zylon® impregnated with polyurethane coating.	CORE 12 plait with PBO-Zylon® impregnated with polyurethane coating.	CORE 12 plait with PBO-Zylon® impregnated with polyurethane coating.	CORE 12 plait with PBO-Zylon® impregnated with polyurethane coating.
FEATURES AND USE Low elongation High breaking load Elevated mechanical resistance Optimal flexibility Lighter weight Elevated stability of structure on winches and stoppers Product available without cover or with protection cover.	FEATURES AND USE Unbeatable resistance to abrasion and heat. Thanks to its properties, it is the best choice among the range of technical ropes, in the application where high temperatures due to the high loads are constantly present. PBO cover is especially used for the Runners Tackles and high friction/load sheets.	FEATURES AND USE The resistance to abrasion is high, thanks to the great presence of PBO. The right mix with the Dyneema fibre transfers to the rope the good fluidity, when it's released under load on winch. Tests on racing boats have demonstrated that this cover has an incredibly durability to the high frequency movements. High loads and temperature don't scare the rope and it's the good solution for Afterguys and Genoa Sheets.	FEATURES AND USE This rope is composed by two of the best fibres in terms of durability and performance. The mixture of them is carefully studied to be fairly distributed and to profit by the best quality of both fibres, in order to lead the rope to excellent results in terms of smoothness, abrasion resistance and durability. Ideal for manoeuvres of high effort and repeated mechanical stress, in particular where the wear of the cover is steadily present.	FEATURES AND USE It is suitable for numerous boats and uses. Thanks to the presence of Polyester, it is easy to customize, and it becomes more recognizable in the distinction among different manoeuvres. In comparison with BTEC+DYN cover, it has a lightly lower strength on intensive uses, but it maintains the main characteristics, with an excellent resistance to abrasion and repeated bending. It's simply to control and to release on winch.	FEATURES AND USE The combination, in a right proportion, of Kevlar and Dyneema, gives to this cover an incredible quality level. It's a good alternative to a PBO/DYN cover, where the loads are a little bit lower, but the repetition of the cycles on running rigging are high. The tests done on board of the best racing boats, during hard sessions of the match race, have confirmed that the two fibres work in symbiosis and their characteristics compensate each other.	FEATURES AND USE It preserves similar characteristics as its sister BTEC+DYN+PET, but thanks to the high point of fusion of Kevlar, it is more suitable for high speed manoeuvres and load, where the ropes reach high temperatures. It possesses one of the best grip, but the UV resistance is lower than Black Technora, which is composed by special pigments that protract the life of the rope, despite of the exposure to the UV rays.
STANDARD DIAMETERS From 3 to 15 mm. Other diameters on request.	STANDARD DIAMETERS From 6 to 20 mm. Other diameters on request.	STANDARD DIAMETERS From 6 to 20 mm. Other diameters on request.	STANDARD DIAMETERS From 6 to 20 mm. Other diameters on request.	STANDARD DIAMETERS From 6 to 20 mm. Other diameters on request.	STANDARD DIAMETERS From 6 to 20 mm. Other diameters on request.	STANDARD DIAMETERS From 6 to 20 mm. Other diameters on request.
STRETCH AT 30% B. L. 1,80% STRETCH AT B. L. 2,85%	STRETCH AT 30% B. L. 1,80% STRETCH AT B. L. 2,85%	STRETCH AT 30% B. L. 1,80% STRETCH AT B. L. 2,85%	STRETCH AT 30% B. L. 1,80% STRETCH AT B. L. 2,85%	STRETCH AT 30% B. L. 1,80% STRETCH AT B. L. 2,85%	STRETCH AT 30% B. L. 1,80% STRETCH AT B. L. 2,85%	STRETCH AT 30% B. L. 1,80% STRETCH AT B. L. 2,85%
COLOURS Black.	COLOURS Natural PBO.	COLOURS Melange Natural PBO / Dyneema®.	COLOURS Melange Natural Black Technora / Dyneema®.	COLOURS Melange Black Technora / Dyneema® / Polyester to choose from:	COLOURS Melange Natural Kevlar® / Dyneema®	COLOURS Melange Kevlar® / Dyneema® / Polyester to choose from:
 Black	 Natural PBO	 PBO / DYN	 BTEC / DYN	 Black  Anthracite  Silver Grey  Light Blue  Yellow  Red  Hemp  Green	 KEV / DYN	 Black  Anthracite  Silver Grey  Light Blue  Yellow  Red  Hemp  Green

RACING LINE

DYNEEMA® SK99 + HPS + PU

Elevated Breaking Load
Minimal Elongation
Ultralight Weight

Highest Tenacity
Low Water Absorption
High UV Resistance

Excellent Flexibility
Ultimate Top Performance

Ø	DYNEFORCE 99 SINGLE BRAID		FOR ALL COVERS	PBO	PBO/ DYN	BTEC/ DYN	BTEC/ DYN/PET	KEV/ DYN	KEV/ DYN/PET
DIAMETER	B. L.	WEIGHT	B. L.	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT
[mm]	[daN]	[g /m]	[daN]	[g /m]	[g /m]	[g /m]	[g /m]	[g /m]	[g /m]
1	300	1,20	-	-	-	-	-	-	-
1,5	450	1,81	-	-	-	-	-	-	-
2	615	2,41	300	5,04	4,99	4,90	4,85	4,94	4,80
2,5	960	3,61	450	6,20	6,14	6,02	5,96	6,08	5,90
3	1.444	6,02	615	8,19	8,11	7,96	7,88	8,04	7,80
3,5	2.200	9,63	960	9,66	9,57	9,38	9,29	9,48	9,20
4	3.000	11,20	1.444	12,93	12,83	12,55	12,42	12,73	12,30
5	4.282	18,05	2.200	20,00	19,80	19,38	19,19	19,59	19,00
6	6.200	22,86	3.000	27,27	27,07	26,77	26,23	26,77	26,23
7	8.080	29,90	4.282	39,90	39,49	39,19	38,60	39,19	38,60
8	9.836	38,80	5.241	52,32	51,81	51,31	50,58	51,31	50,58
9	12.446	48,13	6.200	63,02	62,42	61,91	60,97	61,91	60,97
10	14.680	58,80	8.080	74,54	73,83	73,23	72,05	73,23	72,05
11	16.495	62,00	9.836	91,41	90,50	89,69	88,39	89,69	88,39
12	18.220	77,00	12.446	106,05	105,04	104,13	102,55	104,13	102,55
13	22.177	95,22	13.500	124,33	123,17	122,11	120,38	122,11	120,38
14	25.262	110,00	14.680	142,61	141,30	140,09	138,21	140,09	138,21
15	28.748	129,00	16.495	165,84	164,28	162,86	160,51	162,86	160,51
16	30.000	145,00	18.220	189,07	187,25	185,64	182,81	185,64	182,81
17	32.300	163,00	22.177	-	-	-	-	-	-
18	34.600	180,00	25.262	222,71	220,58	218,67	215,28	218,67	215,28
20	45.900	216,00	28.748	278,36	275,73	273,31	269,12	273,31	269,12

NOTE ABOUT BREAKING LOAD AND DIAMETERS The average values shown above are derived from tests taken at Armare laboratory, on properly spliced new ropes, and may change without notice. Other diameters available on request. The static load of the rope must not exceed 20% of Breaking Load shown in the table. Knots may affect the Breaking Load of the rope with reductions of up to 60%. The splicing increases the diameter of the rope of about 1.5 times. The use and exposure to weather conditions, depending from the kind of rope and the time of esposure, can reduce the breaking loads of the ropes.

 	 	 	 	 	 	 
SK99 Single Braid	SK99 - PBO	SK99 - PBO / DYN	SK99 - BTEC / DYN	SK99 - BTEC / DYN / PET	SK99 - KEV / DYN	SK99 - KEV / DYN / PET
COVER Single braid without cover.	COVER PBO®.	COVER PBO® / Dyneema®.	COVER Black Technora / Dyneema®.	COVER Black Technora / Dyneema® / Polyester.	COVER Kevlar® / Dyneema®.	COVER Kevlar® / Dyneema® / Polyester.
PRODUCT CODE NA20	PRODUCT CODE NA20C56	PRODUCT CODE NA20C65	PRODUCT CODE NA20C35	PRODUCT CODE NA20C85	PRODUCT CODE NA20C68	PRODUCT CODE NA20C78
CONSTRUCTION 12 plait with Dyneema® SK99 impregnated with polyurethane coating and special heat treatment HPS.	CORE 12 plait with Dyneema® SK99 impregnated with polyurethane coating and special heat treatment HPS.	CORE 12 plait with Dyneema® SK99 impregnated with polyurethane coating and special heat treatment HPS.	CORE 12 plait with Dyneema® SK99 impregnated with polyurethane coating and special heat treatment HPS.	CORE 12 plait with Dyneema® SK99 impregnated with polyurethane coating and special heat treatment HPS.	CORE 12 plait with Dyneema® SK99 impregnated with polyurethane coating and special heat treatment HPS.	CORE 12 plait with Dyneema® SK99 impregnated with polyurethane coating and special heat treatment HPS.
FEATURES AND USE Elevated breaking load Minimal elongation Ultralight weight Highest tenacity Low water absorption High UV resistance Excellent flexibility Ultimate top performance Product available without cover or with protection cover.	FEATURES AND USE Unbeatable resistance to abrasion and heat. Thanks to its properties, it is the best choice among the range of technical ropes, in the application where high temperatures due to the high loads are constantly present. PBO cover is especially used for the Runners Tackles and high friction/load sheets.	FEATURES AND USE The resistance to abrasion is high, thanks to the great presence of PBO. The right mix with the Dyneema fibre transfers to the rope the good fluidity, when it's released under load on winch. Tests on racing boats have demonstrated that this cover has an incredibly durability to the high frequency movements. High loads and temperature don't scare the rope and it's the good solution for Afterguys and Genoa Sheets.	FEATURES AND USE This rope is composed by two of the best fibres in terms of durability and performance. The mixture of them is carefully studied to be fairly distributed and to profit by the best quality of both fibres, in order to lead the rope to excellent results in terms of smoothness, abrasion resistance and durability. Ideal for manoeuvres of high effort and repeated mechanical stress, in particular where the wear of the cover is steadily present.	FEATURES AND USE It is suitable for numerous boats and uses. Thanks to the presence of Polyester, it is easy to customize, and it becomes more recognizable in the distinction among different manoeuvres. In comparison with BTEC+DYN cover, it has a lightly lower strength on intensive uses, but it maintains the main characteristics, with an excellent resistance to abrasion and repeated bending. It's simply to control and to release on winch.	FEATURES AND USE The combination, in a right proportion, of Kevlar and Dyneema, gives to this cover an incredible quality level. It's a good alternative to a PBO/DYN cover, where the loads are a little bit lower, but the repetition of the cycles on running rigging are high. The tests done on board of the best racing boats, during hard sessions of the match race, have confirmed that the two fibres work in symbiosis and their characteristics compensate each other.	FEATURES AND USE It preserves similar characteristics as its sister BTEC+DYN+PET, but thanks to the high point of fusion of Kevlar, it is more suitable for high speed manoeuvres and load, where the ropes reach high temperatures. It possesses one of the best grip, but the UV resistance is lower than Black Technora, which is composed by special pigments that protract the life of the rope, despite of the exposure to the UV rays.
STANDARD DIAMETERS From 1 to 30 mm. Other diameters on request.	STANDARD DIAMETERS From 2 to 30 mm. Other diameters on request.	STANDARD DIAMETERS From 2 to 30 mm. Other diameters on request.	STANDARD DIAMETERS From 2 to 20 mm. Other diameters on request.	STANDARD DIAMETERS From 2 to 20 mm. Other diameters on request.	STANDARD DIAMETERS From 2 to 30 mm. Other diameters on request.	STANDARD DIAMETERS From 2 to 20 mm. Other diameters on request.
STRETCH AT 30% B. L. 1,70% STRETCH AT B. L. 2,86%	STRETCH AT 30% B. L. 1,70% STRETCH AT B. L. 2,86%	STRETCH AT 30% B. L. 1,70% STRETCH AT B. L. 2,86%	STRETCH AT 30% B. L. 1,70% STRETCH AT B. L. 2,86%	STRETCH AT 30% B. L. 1,70% STRETCH AT B. L. 2,86%	STRETCH AT 30% B. L. 1,70% STRETCH AT B. L. 2,86%	STRETCH AT 30% B. L. 1,70% STRETCH AT B. L. 2,86%
COLOURS  White  Black  Grey	COLOURS Natural PBO.  Natural PBO	COLOURS Melange Natural PBO / Dyneema®.  PBO / DYN	COLOURS Melange Natural Black Technora / Dyneema® .  BTEC / DYN	COLOURS Melange Black Technora / Dyneema® / Polyester to choose from:  Black  Anthracite  Silver Grey  Light Blue  Red  Green  Yellow  Hemp	COLOURS Melange Natural Kevlar® / Dyneema®.  KEV / DYN	COLOURS Melange Kevlar® / Dyneema® / Polyester to choose from:  Black  Anthracite  Silver Grey  Light Blue  Red  Green  Yellow  Hemp

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




Elevated Breaking Load
Low Elongation
Light Weight

Low Water Absorption
High UV Resistance
Excellent Flexibility

Top Performances

Ø	DYNEFORCE 90 SINGLE BRAID		FOR ALL COVERS	PBO	PBO/ DYN	BTEC/ DYN	BTEC/ DYN/PET	KEV/ DYN	KEV/ DYN/PET
DIAMETER	B. L.	WEIGHT	B. L.	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT
[mm]	[daN]	[g /m]	[daN]	[g /m]	[g /m]	[g /m]	[g /m]	[g /m]	[g /m]
1	250	1,06	-	-	-	-	-	-	-
1,5	350	1,60	-	-	-	-	-	-	-
2	470	3,20	250	4,99	4,94	4,85	4,80	4,90	4,75
2,5	800	4,00	350	6,14	6,08	5,96	5,90	6,02	5,84
3	1.150	6,70	470	8,11	8,03	7,88	7,80	7,96	7,72
3,5	1.550	9,40	800	9,57	9,48	9,29	9,20	9,38	9,11
4	2.620	10,10	1.150	12,80	12,70	12,42	12,30	12,60	12,18
5	4.240	17,80	1.550	19,80	19,60	19,19	19,00	19,40	18,81
6	5.840	21,90	2.620	27,00	26,80	26,50	25,97	26,50	25,97
7	6.700	27,50	4.240	39,50	39,10	38,80	38,22	38,80	38,22
8	8.822	32,90	5.050	51,80	51,30	50,80	50,08	50,80	50,08
9	10.120	47,50	5.840	62,40	61,80	61,30	60,37	61,30	60,37
10	11.744	52,70	6.700	73,80	73,10	72,50	71,34	72,50	71,34
11	12.935	61,10	8.822	90,50	89,60	88,80	87,51	88,80	87,51
12	17.800	65,50	10.120	105,00	104,00	103,10	101,53	103,10	101,53
13	18.392	81,90	11.500	123,10	121,95	120,90	119,19	120,90	119,19
14	21.960	102,00	11.744	141,20	139,90	138,70	136,84	138,70	136,84
15	24.400	119,50	12.935	164,20	162,65	161,25	158,92	161,25	158,92
16	27.000	137,00	17.800	187,20	185,40	183,80	181,00	183,80	181,00
17	29.300	156,30	18.392	-	-	-	-	-	-
18	32.600	175,60	21.960	220,50	218,40	216,50	213,15	216,50	213,15
20	38.000	205,20	24.400	275,60	273,00	270,60	266,46	270,60	266,46

NOTE ABOUT BREAKING LOAD AND DIAMETERS The average values shown above are derived from tests taken at Armare laboratory, on properly spliced new ropes, and may change without notice. Other diameters available on request. The static load of the rope must not exceed 20% of Breaking Load shown in the table. Knots may affect the Breaking Load of the rope with reductions of up to 60%. The splicing increases the diameter of the rope of about 1.5 times. The use and exposure to weather conditions, depending from the kind of rope and the time of esposure, can reduce the breaking loads of the ropes.

 	 	 	 	 	 	 
SK90 Single Braid	SK90 - PBO	SK90 - PBO / DYN	SK90 - BTEC / DYN	SK90 - BTEC / DYN / PET	SK90 - KEV / DYN	SK90 - KEV / DYN / PET
COVER Single braid without cover.	COVER PBO®.	COVER PBO® / Dyneema®.	COVER Black Technora / Dyneema®.	COVER Black Technora / Dyneema® / Polyester.	COVER Kevlar® / Dyneema®.	COVER Kevlar® / Dyneema® / Polyester.
PRODUCT CODE NA59	PRODUCT CODE NA59C56	PRODUCT CODE NA59C65	PRODUCT CODE NA59C35	PRODUCT CODE NA59C85	PRODUCT CODE NA59C68	PRODUCT CODE NA59C78
CONSTRUCTION 12 plait with Dyneema® SK90 impregnated with polyurethane coating and special heat treatment HPS.	CORE 12 plait with Dyneema® SK90 impregnated with polyurethane coating and special heat treatment HPS.	CORE 12 plait with Dyneema® SK90 impregnated with polyurethane coating and special heat treatment HPS.	CORE 12 plait with Dyneema® SK90 impregnated with polyurethane coating and special heat treatment HPS.	CORE 12 plait with Dyneema® SK90 impregnated with polyurethane coating and special heat treatment HPS.	CORE 12 plait with Dyneema® SK90 impregnated with polyurethane coating and special heat treatment HPS.	CORE 12 plait with Dyneema® SK90 impregnated with polyurethane coating and special heat treatment HPS.
FEATURES AND USE Elevated breaking load Low elongation Light weight Low water absorption High UV resistance Excellent flexibility Ideal where top performance is essential Product available without cover or with protection cover.	FEATURES AND USE Unbeatable resistance to abrasion and heat. Thanks to its properties, it is the best choice among the range of technical ropes, in the application where high temperatures due to the high loads are constantly present. PBO cover is especially used for the Runners Tackles and high friction/load sheets.	FEATURES AND USE The resistance to abrasion is high, thanks to the great presence of PBO. The right mix with the Dyneema fibre transfers to the rope the good fluidity, when it's released under load on winch. Tests on racing boats have demonstrated that this cover has an incredibly durability to the high frequency movements. High loads and temperature don't scare the rope and it's the good solution for Afterguys and Genoa Sheets.	FEATURES AND USE This rope is composed by two of the best fibres in terms of durability and performance. The mixture of them is carefully studied to be fairly distributed and to profit by the best quality of both fibres, in order to lead the rope to excellent results in terms of smoothness, abrasion resistance and durability. Ideal for manoeuvres of high effort and repeated mechanical stress, in particular where the wear of the cover is steadily present.	FEATURES AND USE It is suitable for numerous boats and uses. Thanks to the presence of Polyester, it is easy to customize, and it becomes more recognizable in the distinction among different manoeuvres. In comparison with BTEC+DYN cover, it has a lightly lower strength on intensive uses, but it maintains the main characteristics, with an excellent resistance to abrasion and repeated bending. It's simply to control and to release on winch.	FEATURES AND USE The combination, in a right proportion, of Kevlar and Dyneema, gives to this cover an incredible quality level. It's a good alternative to a PBO/DYN cover, where the loads are a little bit lower, but the repetition of the cycles on running rigging are high. The tests done on board of the best racing boats, during hard sessions of the match race, have confirmed that the two fibres work in symbiosis and their characteristics compensate each other.	FEATURES AND USE It preserves similar characteristics as its sister BTEC+DYN+PET, but thanks to the high point of fusion of Kevlar, it is more suitable for high speed manoeuvres and load, where the ropes reach high temperatures. It possesses one of the best grip, but the UV resistance is lower than Black Technora, which is composed by special pigments that protract the life of the rope, despite of the exposure to the UV rays.
STANDARD DIAMETERS From 1 to 30 mm. Other diameters on request.	STANDARD DIAMETERS From 2 to 30 mm. Other diameters on request.	STANDARD DIAMETERS From 2 to 30 mm. Other diameters on request.	STANDARD DIAMETERS From 2 to 30 mm. Other diameters on request.	STANDARD DIAMETERS From 2 to 30 mm. Other diameters on request.	STANDARD DIAMETERS From 2 to 30 mm. Other diameters on request.	STANDARD DIAMETERS From 2 to 30 mm. Other diameters on request.
STRETCH AT 30% B. L. 1,95% STRETCH AT B. L. 3,00%	STRETCH AT 30% B. L. 1,95% STRETCH AT B. L. 3,00%	STRETCH AT 30% B. L. 1,95% STRETCH AT B. L. 3,00%	STRETCH AT 30% B. L. 1,95% STRETCH AT B. L. 3,00%	STRETCH AT 30% B. L. 1,95% STRETCH AT B. L. 3,00%	STRETCH AT 30% B. L. 1,95% STRETCH AT B. L. 3,00%	STRETCH AT 30% B. L. 1,95% STRETCH AT B. L. 3,00%
COLOURS  White  Black  Grey	COLOURS Natural PBO  Natural PBO	COLOURS Melange Natural PBO / Dyneema®.  PBO / DYN	COLOURS Melange Natural Black Technora / Dyneema®.  BTEC / DYN	COLOURS Melange Black Technora / Dyneema® / Polyester to choose from:  Black  Anthracite  Silver Grey  Light Blue  Red  Green  Yellow  Hemp	COLOURS Melange Natural Kevlar® / Dyneema®.  KEV / DYN	COLOURS Melange Kevlar® / Dyneema® / Polyester to choose from:  Black  Anthracite  Silver Grey  Light Blue  Red  Green  Yellow  Hemp