MOORING ROPE

Double Layers Braided Rope

Double layers multistrand braided rope with unique braided structure and excellent technology, it can rise up synthetic performance of rope and cable over 15% and advantages of long elongation,wearing resistance,easy to ...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Mooring Rope
Standard	EN
Material	Material Polyamide Multifilament Polypropylene multifilament Polyester M...
Certificate	CCS,LR,NK,ABS,BV ETC.

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Mooring Rope	**Model / SKU**	Double-Layers-Braided-Rope
Standard	EN	**Material**	Material Polyamide Multifilament Polypropylene multifilament Polyester Multifilament Polyester/polypropylene Polyester/polyamide Polyamide/polypropylene Density 1.14 non floating 0.91 floating 1.27 non floating 0.99 floating 1.19 non floating 0.98 floating Melting point 215℃ 165℃ 260℃ 260℃/165℃ 260℃/165℃ 215℃/165℃ Abrasion resistance Very good Medium Good Good Good Good UV resistance Very good Medium Good Good Good Good Temperature resistance 120℃ Max 70℃ Max 120℃ Max 80℃ Max 120℃ Max 80℃ Max Chemical resistance Very good Good Good Good Good Good Parameter Table:
Certificate	CCS,LR,NK,ABS,BV ETC.	**Warranty**	12 Months unless specified otherwise
Origin	China		

CONTENTS

- China Double Layers Braided Rope:
- Parameter Table:
- Main Performance:

China Double Layers Braided Rope:

Double layers multistrand braided rope with unique braided structure and excellent technology, it can rise up synthetic performance of rope and cable over 15% and advantages of long elongation,wearing resistance,easy to operate.

Main Performance:

Material	Polyamide Multifilament	Polypropylene multifilament	Polyester Multifilament	Polyester/polypropylene	Polyester/polyamide	Polyamide/polypropylene
Density	1.14 non floating	0.91 floating	1.27 non floating	0.99 floating	1.19 non floating	0.98 floating
Melting point	215℃	165℃	260℃	260℃/165℃	260℃/165℃	215℃/165℃
Abrasion resistance	Very good	Medium	Good	Good	Good	Good

UV resistance	Very good	Medium	Good	Good	Good	Good
Temperature resistance	120℃ Max	70℃ Max	120℃ Max	80℃ Max	120℃ Max	80℃ Max
Chemical resistance	Very good	Good	Good	Good	Good	Good

Parameter Table:

Chart 1

Specification		Polyamide Multifilament		Polyester	
Diameter	Circumference	Linear Density(Ktex)	Breaking Strength(KN)	Linear Density(Ktex)	Breaking Strength(KN)
4	1/2“	10.3	3.7	12.2	3.2
6	3/4“	23	8.3	27.4	7.2
8	1“	41	15	49	13
10	1 1/4“	64	23	76	20
12	1 1/2“	92	33	109	29
14	1 3/4“	126	45	149	39
16	2“	164	59	195	51
18	2 1/4“	207	75	246	65
20	2 1/2“	255	92	304	80
22	2 3/4“	309	111	368	97
24	3“	368	127	440	114
28	3 1/2“	501	172	597	157
32	4“	654	225	779	205
36	4 1/2“	828	285	998	262
40	5“	1018	352	1220	324
44	5 1/2“	1236	420	1470	378
48	6“	1473	500	1760	450
52	6 1/2“	1730	600	2050	535
56	7“	2009	690	2380	621
60	7 1/2“	2297	780	2740	712
64	8“	2616	900	3120	810
72	9“	3306	1090	3950	980
80	10“	4089	1344	4870	1240
88	11“	4954	1626	5910	1500

96	12“	5892	1950	7020	1750
104	13“	6911	2320	8250	2090
112	14“	8024	2670	9560	2400

Chart 2

Specification		Polypropylene Multifilament		Polyester/Polyamide	
Diameter	Circumference	Linear Density(Ktex)	Breaking Strength(KN)	Linear Density(Ktex)	Breaking Strength(KN)
4	1/2“	8.4	2.4	12	4
6	3/4“	18.8	5.4	27	9
8	1“	33	9.6	48	16
10	1 1/4“	52	15	75	25
12	1 1/2“	75	22	108	35
14	1 3/4“	102	29	147	47
16	2“	133	38	192	62
18	2 1/4“	168	49	243	78
20	2 1/2“	208	60	300	96
22	2 3/4“	252	73	363	116
24	3“	299	86	430	138
28	3 1/2“	404	118	585	182
32	4“	528	154	760	236
36	4 1/2“	668	195	970	314
40	5“	825	240	1180	385
44	5 1/2“	1006	294	1440	462
48	6“	1190	354	1710	546
52	6 1/2“	1390	411	2010	635
56	7“	1610	474	2330	731
60	7 1/2“	1850	539	2670	834
64	8“	2090	613	3050	942
72	9“	2640	767	3860	1180
80	10“	3290	934	4860	1442
88	11“	3950	1117	5780	1729
96	12“	4710	1304	6870	2033
104	13“	5480	1513	8070	2402

112	14“	6390	1694	9360	2730

Chart 3

Specification		Polyester/Polypropylene Multifilament		Polyamide/Polypropylene Multifilament	
Diameter	Circumference	Linear Density(Ktex)	Breaking Strength(KN)	Linear Density(Ktex)	Breaking Strength(KN)
4	1/2“	9	2.6	8.5	2.7
6	3/4“	20.2	5.8	19	6
8	1“	36	10	34	11
10	1 1/4“	56	16	53	17
12	1 1/2“	81	23	76	25
14	1 3/4“	110	31	104	33
16	2“	143	41	136	44
18	2 1/4“	181	52	172	55
20	2 1/2“	224	64	212	68
22	2 3/4“	271	77	256	82
24	3“	325	93	304	98
28	3 1/2“	430	124	415	130
32	4“	576	162	542	170
36	4 1/2“	732	216	679	227
40	5“	902	266	838	280
44	5 1/2“	1093	324	1030	341
48	6“	1300	380	1230	400
52	6 1/2“	1525	443	1440	466
56	7“	1773	513	1670	540
60	7 1/2“	2035	584	1910	615
64	8“	2310	665	2170	700
72	9“	2924	846	2730	890
80	10“	3610	1036	3350	1090
88	11“	4371	1254	4060	1320
96	12“	5207	1501	4880	1580
104	13“	6112	1758	5800	1850
112	14“	7082	2043	6710	2150