

# Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

## MOORING ROPE

# Double Braided Rope

Double braided line is the only double-layer multif-ply rope in the country made by imported advanced equipment and technology from Germany. With fully-automatically computerized operation program, unique braided struct...

ISO9001 Supplier

Class Certificate

Export Supply



## Key Highlights

<b>Category</b>	Mooring Rope
<b>Standard</b>	EN
<b>Material</b>	Material Polyamide Multifilament Polypropylene multifilament Polyester M...
<b>Certificate</b>	BV,LR,CCS,ABS,DNV,GL,KR, RINA,mill certificate etc.

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



Technical Specifications			
<b>Category</b>	Mooring Rope	<b>Model / SKU</b>	Double-Braided-Rope
<b>Standard</b>	EN	<b>Material</b>	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 floating 0.98 non floating Melting point 215°C 165°C 260°C 260°C/165°C 260°C/165°C 260°C/165°C Abrasion resistance Very good Medium Good Good Good Good UV resistance Very good Medium Good Good Good Good Temperature resistance 120°C Max 70°C Max 120°C Max 80°C Max 120°C Max 80°C Max Chemical resistance Very good Good Good Good Good Good Parameter Table:
<b>Certificate</b>	BV,LR,CCS,ABS,DNV,GL,KR,RIN A,mill certificate etc.	<b>Warranty</b>	12 Months unless specified otherwise
<b>Origin</b>	China		

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## China Double Braided Rope:

Double braided line is the only double-layer multif-ply rope in the country made by imported advanced equipment and technology from Germany. With fully-automatically computerized operation program, unique braided structure and excellent technology. It can rise up synthetic performance of rope and cable over 15% and has advantages of low elongation, wearing resistance and simple operation.

Mainly used in fields of naval vessels, ships, ocean transportation, mining operation fishing etc.

## Main Performance:

Material	Polyamide Multifilament	Polypropylene multifilament	Polyester Multifilament	Polyester/Polypr opylene	Polyester/Poly amide	Polyamide/Polypr opylene
Density	1.14 non floating	0.91 floating	1.27 non floating	0.99 floating	1.19 floating	0.98 non floating
Melting point	215°C	165°C	260°C	260°C/165°C	260°C/165°C	 0.048187s

Abrasion resistance	Very good	Medium	Good	Good	Good	Good
UV resistance	Very good	Medium	Good	Good	Good	Good
Temperature resistance	120°C Max	70°C Max	120°C Max	80°C Max	120°C Max	80°C Max
Chemical resistance	Very good	Good	Good	Good	Good	Good

## Parameter Table:

Chart 1

Specifications		Polyamide Multifilament		Polyester	
Diameter	Circumference	Linear Density(Ktex)	Breaking Strength(KN)	Linear Density(Ktex)	Breaking Strength(KN)
mm	Inch	Ktex	KN	Ktex	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
112	15"	9198	3050	10970	2750

Chart 2

Specifications		Polypropylene Multifilament		Polyester/Polyamide	
Diameter	Circumference	Linear Density(Ktex)	Breaking Strength(KN)	Linear Density(Ktex)	Breaking Strength(KN)
mm	Inch	Ktex	KN	Ktex	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
112	15"	7350	2010	10740	3100

Chart 3

Specifications		Polyester/Polypropylene Multifilament		Polyamide/Polypropylene Multifilament	
Diameter	Circumference	Linear Density(Ktex)	Breaking Strength(KN)	Linear Density(Ktex)	Breaking Strength(KN)
mm	Inch	Ktex	KN	Ktex	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
112	15"	8127	2328	7690	2450