

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

MOORING ROPE

16 Strand Weaving Rope

Its special braided structure and technology craft rise up the utilization rate of strength of fiber thus to make the rope have advantages of low elongation, wearing resistance, smooth and pliable tough provides ideal pr...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Mooring Rope
Standard	DIN
Material	All kinds of material.
Certificate	DNV,LR,CCS,BV,GL,ABS,RINA,A,KR,mill certificate etc.

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

Technical Specifications

Category	Mooring Rope	Model / SKU	16-Strand-Weaving-Rope
Standard	DIN	Material	All kinds of material.
Certificate	DNV,LR,CCS,BV,GL,ABS,RINA,KR,mill certificate etc.	Warranty	12 Months unless specified otherwise
Origin	China		

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China 16 Strand Weaving Rope:

Its special braided structure and technology craft rise up the utilization rate of strength of fiber thus to make the rope have advantages of low elongation, wearing resistance, smooth and pliable tough provides ideal product for special requirement for customers.

Mainly used in shipbuilding, petroleum drilling, national defense, military industry as well as loading and unloading in harbors.

Main Performance:



Material	Polyamide Multifilament	Polyamide yarn	Polypropylene multifilament	Polyester
Density	1.14 non floating	1.14 non floating	0.91 floating	1.27 non floating
Melting point	215°C	215°C	165°C	260°C
Abrasion resistance	Very good	Very good	Medium	Good
UV resistance	Very good	Very good	Medium	Good
Temperature resistance	120°C Max	120°C Max	70°C Max	120°C Max
Chemical resistance	Very good	Very good	Good	Good

Parameter Table:

Chart 1

Specification		Polyamide Multifilament		Polyamide Yarn	
Diameter	Circumference	Linear Density(Ktex)	Breaking Strength(KN)	Linear Density(Ktex)	Breaking Strength(KN)
20	2 1/2"	247	87	247	73
24	3"	355	123	355	106
28	3 1/2"	484	164	484	140
32	4"	632	211	632	177
36	4 1/2"	800	264	800	220
40	5"	987	323	987	265
44	5 1/2"	1190	386	1190	318
48	6"	1420	453	1420	372
52	6 1/2"	1670	527	1670	432
56	7"	1930	605	1930	495
60	7 1/2"	2220	690	2220	564
64	8"	2530	780	2530	637
72	9"	3200	976	3200	795
80	10"	3950	1188	3950	972

Chart 2

Specifications		Polypropylene Multifilament		Polester	
Diameter	Circumference	Linear Density(Ktex)	Breaking Strength(KN)	Linear Density(Ktex)	Breaking Strength(KN)
mm	Inch	Ktex	KN	Ktex	KN
20	2 1/2"	189	69	303	76
24	3"	273	96	437	108



28	3 1/2"	373	127	594	143
32	4"	483	160	778	184
36	4 1/2"	614	201	982	231
40	5"	756	243	1215	283
44	5 1/2"	924	292	1468	339
48	6"	1092	339	1750	400
52	6 1/2"	1281	393	2050	466
56	7"	1491	449	2380	538
60	7 1/2"	1712	513	2730	614
64	8"	1943	581	3110	694
72	9"	2457	729	3930	868
80	10"	3045	897	4850	1059