MOORING ROPE

3 Strand Rope

ISO9001 Supplier

Class Certificate

Export Supply

Including nylon,polypropylene filament,polyproplyene/polyester mixed,polyester etc. It has wide range of application as well as advantages of high strength,low elongation,wearing resistance and anti-corrosion. They...



Key Highlights

Category	Mooring Rope
Standard	DIN
Material	As per your requirement.
Weight / Size	4mm to 56mm size available.
Certificate	BV,CCS,ABS,DNV,LR,NK,mill certificate etc.

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

Technical Specifications

Category	Mooring Rope	**Model / SKU**	3-Strand-Rope
Standard	DIN	**Material**	As per your requirement.
Weight / Size	4mm to 56mm size available.	**Certificate**	BV,CCS,ABS,DNV,LR,NK,mill certificate etc.
Warranty	12 Months unless specified otherwise	**Origin**	China

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China 3 Strand Rope:

Including nylon,polypropylene filament,polyproplyene/polyester mixed,polyester etc. It has wide range of application as well as advantages of high strength,low elongation,wearing resistance and anti-corrosion.

They are soft,smooth and easy for operation. Meanwhile it can be used to make special antistatic rope.

All products are mainly used in various fields of ships and vessels,fishing,loading and unloading in harbor,power supply construction,petroleum survey,physical exercise wares,national defense scientific and research etc.

4mm to 56mm size available.

Main Performance:

Material	Polyamide Multifilament	Polyamide yarn	Polypropylene multifilament	Polypropylene	Polyester	Polypropylene and Polyester mixed
Density	1.14 non floating	1.14 non floating	0.91 floating	0.91 floating	1.27 non floating	0.95 floating
Melting point	215℃	215℃	165℃	165℃	260℃	165℃/260℃
Abrasion resistance	Very good	Good	Medium	Medium	Good	Good
UV resistance	Very good	Good	Medium	Medium	Good	Good
Temperature resistance	120℃ Max	120℃ Max	70℃ Max	70℃ Max	120℃ Max	80℃ Max
Chemical resistance	Very good	Very good	Good	Good	Good	Good

Parameter Table:

Chart 1

Specifications		Polyamide Multifilament		Polyamide Yarn	
Diameter	Circumference	Linear Density(Ktex)	Breaking Strength(KN)	Linear Density(Ktex)	Breaking Strength(KN)
mm	Inch	Ktex	KN	Ktex	KN
4	1/2“	10	3.7	10	2.6
6	3/4“	22	7.9	22	6
8	1“	40	13.8	40	10.9
10	1 1/4“	62	21.2	62	15.7
12	1 1/2“	89	30.1	89	24.1
14	1 3/4“	121	40	121	33
16	2“	158	51.9	158	42.5
18	2 1/4“	200	64.3	200	53.9
20	2 1/2“	247	79.2	247	66.7
22	2 3/4“	299	94	299	80.4
24	3“	355	112	355	96.3
26	3 1/4“	417	129	417	111.5
28	3 1/2“	484	149	484	127

30	3 3/4“	555	169	555	143
32	4“	632	192	632	161
36	4 1/2“	800	240	800	200
40	5“	987	294	987	241
44	5 1/2“	1190	351	1190	289
48	6“	1420	412	1420	338
52	6 1/2“	1670	479	1670	393
56	7“	1930	550	1930	450

Chart 2

Specifications		Polypropylene Multifilament		Polypropylene	
Diameter	Circumference	Linear Density(Ktex)	Breaking Strength(KN)	Linear Density(Ktex)	Breaking Strength(KN)
mm	Inch	Ktex	KN	Ktex	KN
4	1/2“	6.3	2.3	6	2.1
6	3/4“	18	6.5	17	5.9
8	1“	32	11.4	30	10.4
10	1 1/4“	47	16.8	45	15.3
12	1 1/2“	68	23.9	65	21.7
14	1 3/4“	95	32.9	90	29.9
16	2“	121	40.7	115	37
18	2 1/4“	155	51.9	148	47.2
20	2 1/2“	189	62.6	180	56.9
22	2 3/4“	231	75	220	68.2
24	3“	273	87.7	260	79.7
26	3 1/4“	320	101	305	92.2
28	3 1/2“	373	115	355	105
30	3 3/4“	425	132	405	120
32	4“	483	146	460	132
36	4 1/2“	614	182	585	166
40	5“	756	221	720	201
44	5 1/2“	924	266	880	242
48	6“	1092	308	1040	280
52	6 1/2“	1281	357	1220	325

56	7“	1491	408	1420	371

Chart 3

Specifications		Polyester		Polypropylene And Polyester Mixed rope	
Diameter	Circumference	Linear Density(Ktex)	Breaking Strength(KN)	Linear Density(Ktex)	Breaking Strength(KN)
mm	Inch	Ktex	KN	Ktex	KN
4	1/2“	12	2.9	7.9	2.8
6	3/4“	27	5.6	17.5	6.8
8	1“	48	10	31	11.9
10	1 1/4“	76	15.6	48.5	18.2
12	1 1/2“	110	22.3	69.9	25.7
14	1 3/4“	148	31.2	95.1	34.7
16	2“	195	39.8	124	44.8
18	2 1/4“	245	49.8	157	56.1
20	2 1/2“	303	62.3	194	68.7
22	2 3/4“	367	74.7	235	82.1
24	3“	437	89.6	279	96.3
26	3 1/4“	512	105	328	113
28	3 1/2“	594	120	380	130
30	3 3/4“	682	134	437	148
32	4“	778	154	497	167
36	4 1/2“	982	190	629	210
40	5“	1215	235	776	257
44	5 1/2“	1468	275	939	308
48	6“	1750	329	1110	364
52	6 1/2“	2050	384	1320	424
56	7“	2380	439	1520	489