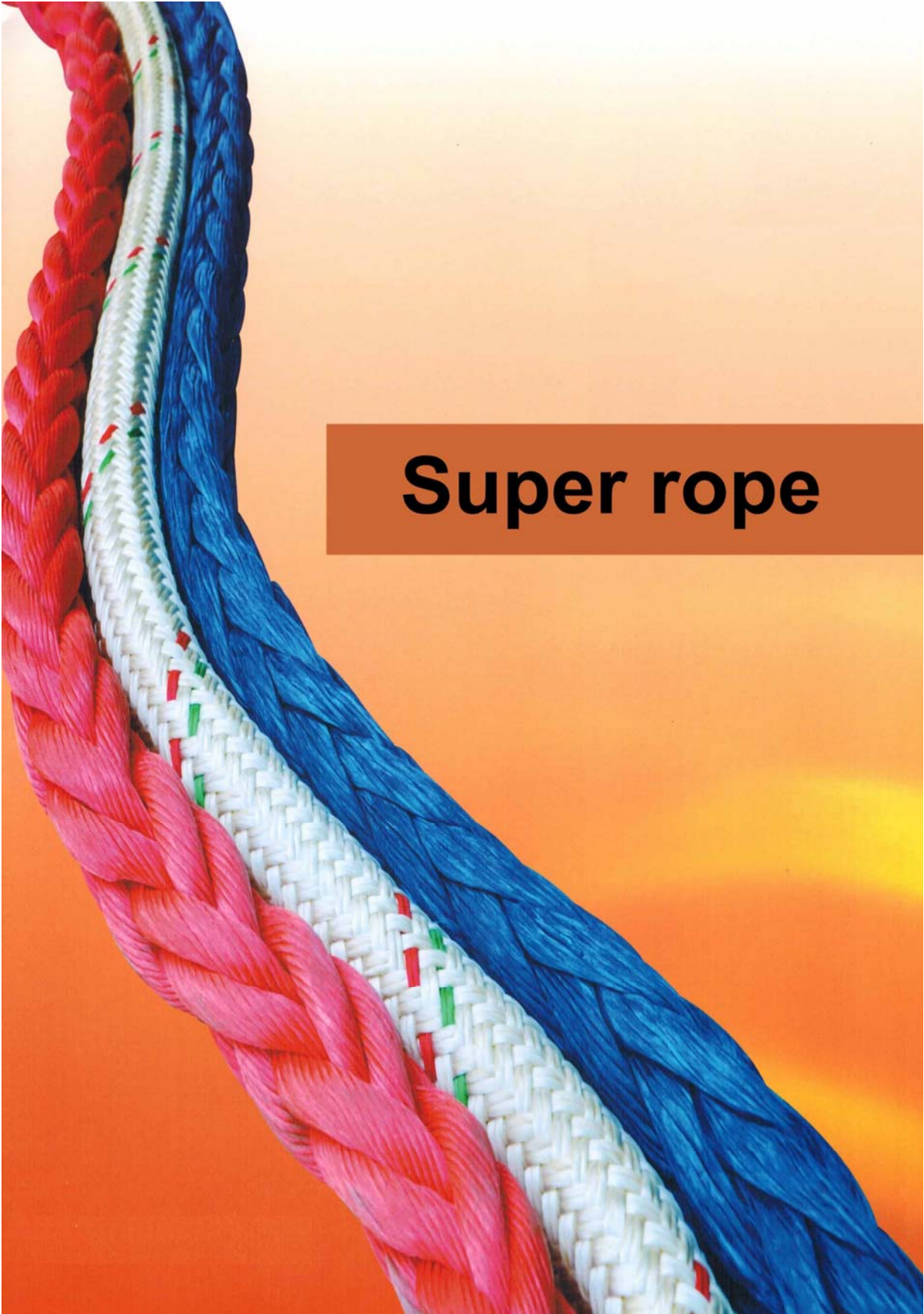


MOORING



Super rope

Deseen International Fiber rope and net



2001年参与神舟飞船返回舱海上着陆模拟实验
The simulation experiment of the re-entry capsule of Shenzhou spacecraft landing in sea in 2001.



2004年参与神舟飞船返回舱海上着陆模拟实验
The simulation experiment of the re-entry capsule of Shenzhou spacecraft landing in sea in 2004.



舟山无动力防台首艘单点系泊
Single point mooring of the first unpowered ship to against the typhoon in the city of Zhoushan.



首次用超高分子量聚乙烯绳使用于长江水电阻拦网工程
The hydropower block network project of Yangtze River.

大事记 Company Projects



首艘3000米深水钻井平台系泊缆绳配套
The mooring line project of 3000 meters deepwater drilling platform.



首座平潭大桥防撞阻拦网
The collision block network project of Pingtan Bridge.



担任“辽宁号”航母系泊缆绳配套工程
The mooring line project of Liaoning aircraft carrier.



首创12股牛筋绳应用在“COSCO”大型集装箱船
The mooring line project of "COSCO" large container ship.



宁波港拖带应用
Application of Ningbo harbor towing.



长江航道铺排工程
The Yangtze River waterway laying engineering.



首艘“VLCC”全球首次使用超高分子量聚乙烯绳替代钢绳
"VLCC" used POWERNEEMA™ Rope instead of wire rope.

生产流程 Production Process



1. 原材料
Raw Material



2. 纺丝
Wire Drawing



3. 捻线
Twisting



4. 制股
Stranding



5. 制绳
Rope Making



6. 定型
Forming



7. 缆绳插环
Eye Splice



8. 检验
Testing



9. 成品
Finished Product



10. 包装入库
Packaging & Storage



11. 运输
Delivery

Deseen International
Fiber rope and net



FIBER ROPE-绳缆

Three strand rope-三股绳

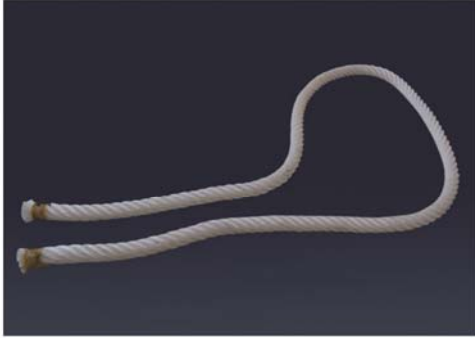


Diameter	Polyamide Composite Filament		Nylon		Polypropylene Filament		PP		Polyester	
	Weight	Breaking Strength	Weight	Breaking	Weight	Breaking	Weight	Breaking Strength	Weight	Breaking
mm	Kg/220M	daN	Kg/220M	daN	Kg/220M	daN	Kg/220M	daN	Kg/220M	daN
4	2.1	330	2.0	270	1.7	260	1.6	210	2.6	300
6	4.6	770	4.4	630	4.0	600	3.8	590	6.0	620
8	8.2	1380	7.9	1130	7.0	1100	6.8	1040	11.0	1130
10	12.8	2140	12.5	1850	11.0	1620	10.6	1530	17.0	1640
12	18.5	3080	18.0	2530	16.0	2320	15.4	2170	24.0	2360
14	25.0	4220	24.0	3460	22.0	3220	21.0	2990	33.0	3280
16	33.0	5460	32.0	4480	29.0	4140	28.0	3700	44.0	4200
18	42.0	6900	41.0	5650	36.0	5100	35.0	4270	54.0	5200
20	51.0	8550	49.0	6750	45.0	6350	43.0	5690	68.0	6500
22	62.0	10300	60.0	8140	54.0	7700	52.0	6820	81.0	7800
24	75.0	12400	72.0	9800	64.0	9000	62.0	7970	96.0	9400
28	105.0	16300	100.0	12800	87.0	11700	85.0	10500	130.0	13200
32	150.0	20600	135.0	15400	115.0	13900	110.0	13300	175.0	16200
36	180.0	25600	173.0	19200	145.0	17500	140.0	16600	220.0	19900
40	220.0	30800	212.0	23100	180.0	21100	175.0	20100	270.0	24700
44	165.0	36900	255.0	27700	215.0	25400	205.0	24200	325.0	29300
48	315.0	43300	305.0	32500	255.0	29500	245.0	28000	385.0	34500
52	370.0	50300	355.0	37700	295.0	34000	285.0	32500	445.0	40300

Note: 1daN=0.01kN

FIBER ROPE-绳缆

Six strand rope-六股绳



Diameter	Polyamide Filament		Polyamide		Polypropylene Filament		PP		Polyester	
	Weight	Breaking Strength	Weight	Breaking Strength	Weight	Breaking Strength	Weight	Breaking Strength	Weight	Breaking Strength
mm	Kg/220M	daN	Kg/220M	daN	Kg/220M	daN	Kg/220M	daN	Kg/220M	daN
28	105	16300	100	12800	87	12700	85	10500	130	13200
32	140	25000	135	17400	115	14000	110	13300	175	16200
36	180	30000	173	21200	145	19500	135	16600	220	19900
40	220	35000	212	25100	180	23100	165	20100	270	24700
44	265	41000	255	30000	215	27400	200	24200	325	29300
48	315	48000	305	34500	255	31500	235	28000	385	34500
52	370	57000	355	40000	295	36000	280	32500	445	40300
56	430	65000	415	46000	350	41200	325	37100	525	46100
60	490	73000	470	51000	400	47700	375	42500	600	51300
64	560	85000	540	58000	45500	53500	430	48000	680	59600
72	710	110000	680	73000	57500	6700	535	60300	860	74200
80	880	126000	845	93000	710	81500	660	72400	1060	91000

Note: 1daN=0.01kN

FIBER ROPE-绳缆

Eight strand rope-八股缆绳



Diameter	Polyamide Filament		Polyamide		Polypropylene Filament		PP		Polyester	
	Weight	Breaking Strength	Weight	Breaking Strength	Weight	Breaking Strength	Weight	Breaking Strength	Weight	Breaking Strength
mm	Kg/220M	daN	Kg/220M	daN	Kg/220M	daN	Kg/220M	daN	Kg/220M	daN
28	102	16300	98	12800	83	11700	81	10500	128	13200
32	136	30600	130	15400	110	13900	107	13300	170	16200
36	175	25600	168	19200	135	17500	132	16600	210	19900
40	215	30800	205	23100	168	21100	163	20100	260	24700
44	258	36900	250	27700	200	25400	19500	24200	310	29300
48	305	43300	290	32500	240	29500	230	28000	370	34500
52	360	50300	345	37700	280	34000	270	32500	434	40300
56	420	56000	405	42000	325	38200	315	37100	505	46100
60	480	64000	460	48000	375	43700	365	42500	580	51300
64	545	72000	525	54000	425	49500	415	48000	660	59600
72	690	90000	660	68000	540	62000	520	60300	840	74200
80	850	110000	820	83000	660	76500	640	74200	1020	91000
88	1030	135000	990	101000	800	91600	776	88900	1240	109000
96	1220	158000	1170	118000	950	108000	920	105000	1480	129000
104	1440	187000	1380	140000	1120	124000	1090	120000	1740	149000
112	1670	216000	1600	162000	1300	143000	1260	139000	2020	170000
120	1930	247000	1850	185000	1490	164000	1440	160000	2310	196000
128	2200	280000	2100	210000	1680	185000	1630	180000	2600	222000
136	2480	315000	2380	236000	1900	210000	1840	203000	2945	252000
144	2780	352000	2670	264000	2120	238000	2050	226000	3286	278000

Note: 1daN=0.01kN

FIBER ROPE-绳缆

Twelve strand rope- 十二股绳



Diameter	Polyamide Filament		Polyamide		Polypropylene Filament		PP		Polyester	
	Weight	Breaking Strength	Weight	Breaking Strength	Weight	Breaking Strength	Weight	Breaking Strength	Weight	Breaking Strength
mm	Kg/220M	daN	Kg/220M	daN	Kg/220M	daN	Kg/220M	daN	Kg/220M	daN
28	102	16300	98	12800	85	12000	81	10500	130	12600
32	136	20600	130	15400	110	13900	107	13300	170	16200
36	175	25600	168	19200	135	17500	132	16600	210	19900
40	215	30800	205	23100	168	21100	163	20100	260	24700
44	258	36900	250	27700	200	25400	195	24200	310	29300
48	305	43300	290	32500	240	29500	230	28000	370	34500
52	360	50300	345	37700	280	34000	270	32500	434	40300
56	420	56000	405	42000	325	38200	315	37100	505	46100
60	480	64000	460	48000	375	43700	365	42500	580	51300
64	545	72000	525	54000	425	49500	415	48000	660	59600
72	690	90000	660	68000	540	62000	520	60300	840	74200
80	850	110000	820	83000	660	76500	640	74200	1020	91000
88	1030	135000	990	101000	800	91600	776	88900	1240	109000
96	1220	158000	1170	118000	950	108000	920	105000	1480	129000
104	1440	187000	1380	140000	1120	124000	1090	120000	1740	149000
112	1670	216000	1600	162000	1300	143000	1260	139000	2020	170000
120	1930	247000	1850	185000	1490	164000	1440	160000	2310	196000
128	2200	280000	2100	210000	1680	185000	1630	180000	2600	222000
136	2480	315000	2380	236000	1900	210000	1840	203000	2945	252000
144	2780	352000	2670	264000	2120	238000	2050	226000	3286	278000
152	3100	395000	2970	296000	2370	264000	2300	251000	3673	310000

FIBER ROPE-绳缆

Double ply rope-双层绳缆



Diameter	Polyamide Filament		Polyamide		Polypropylene Filament		PP		Polyester	
	Weight	Breaking Strength	Weight	Breaking Strength	Weight	Breaking	Weight	Breaking Strength	Weight	Breaking Strength
	mm	Ktex	daN	Ktex	daN	Ktex	daN	Ktex	daN	Ktex
28	465	18500	452	13800	365	12100	605	14000	500	12700
32	605	23500	585	17600	470	15300	795	18000	660	16000
36	770	29200	745	21900	600	19100	1000	22400	820	20000
40	950	35200	920	26400	740	22700	1245	27000	1000	23800
44	1150	41400	1120	31000	900	27200	1500	32000	1200	28500
48	1360	50000	1320	37500	1080	32500	1820	38000	1450	34200
52	1590	58500	1550	44000	1270	38000	2130	45500	1680	40000
56	1850	65600	1800	49000	1480	43000	2470	51000	1960	45400
60	2120	75600	2060	56500	1700	49400	2830	57000	2270	51000
64	2420	85800	2350	63500	1920	55500	3230	66500	2550	58000
72	3060	110000	2970	79000	2430	69500	4080	81500	3270	73000
80	3780	128000	3670	93800	3010	83000	4950	98000	4000	87200
88	4580	151000	4440	113000	3650	97800	5980	120000	4820	108000
96	5450	178000	5290	134000	4250	116000	7130	144000	5910	138000
104	6390	207000	6200	155000	5000	135000	8360	165000	6920	156000
112	7410	239000	7180	180000	5820	157000	9690	191000	7950	182000
120	8510	274000	8260	206000	6630	180000	11100	218000	9100	206000
136	10900	350000	10600	265000	8570	230000	14300	280000	11800	260000

FIBER ROPE-绳缆

High-Molecular polyethylene fiber rope-高分子量聚乙烯绳



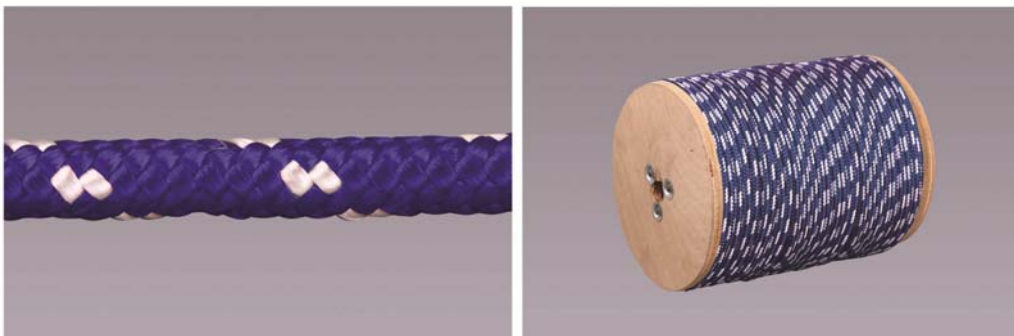
High-Molecular Polyethylene Fiber is a synthetic fiber with the highest yield strength. It features high strength, wear resistance, softness, light weight, easy operation, high safety, corrosion resistance and aging resistance, making it an ideal option in key industries both at home and abroad. These products are divided into three-strand types, four-strand types, six-strand types, and eight-strand types.

It is mainly used in the ships towing, marine salvage, heavy-load lifting, defense ships, offshore drilling, and aerospace research fields.

Specifications		Weight	Breaking Strength
diameter	circumference	Kg/220M	KN
6	3/4	5.7	29.1
8	1	9.3	41.7
10	1-1/4	14.7	70.5
12	1-1/2	21.0	102.0
14	1-3/4	29.0	137.0
16	2	38.0	178.0
18	2-1/4	48.0	214.0
20	2-1/2	58.0	258.0
24	3	87.0	370.0
28	3-1/2	116.0	492.0
32	4	148.0	624.0
36	4-1/2	182.0	812.0
40	5	206.0	924.0
44	5-1/2	227.0	1021.0
48	6	270.0	1246.0
56	7	368.0	1760.0
64	8	480.0	2358.0
72	9	617.0	2875.0
80	10	760.0	3425.0
88	11	1060.0	4230.0
96	12	1350.0	5035.0
110	13-3/4	1880.0	7865.0

INDUSTRIAL FIELD FIBER ROPE-工业用绳

PP Multifilament 16 Carrier Diamond Braided Rope



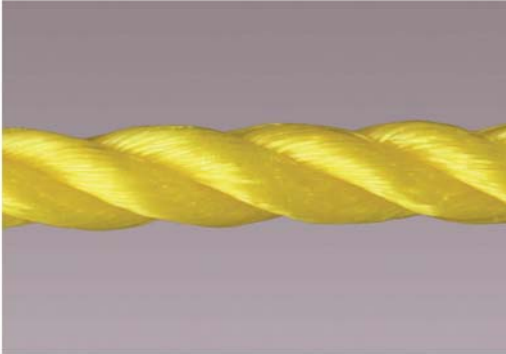
PP multifilament 16 strand braided rope has good resistance to the chemical habitat and average resistance to abrasion. Smooth and soft floating cord which is lighter than polyester and polyamide has good UV-resistance. An economical price combined with wide applications makes these rope very attractive for customers. This is the lightest rope .

Color Available;Red with white tracer,Blue with white tracer.

SIZE	LENGTH	COLOR	PACKING	WEIGHT(Kg)	WEIGHT(Lbs)	PCS/CTN
4mm	220m	Green with white tracer	Reel	1.54	3.39	12
6mm	220m		Reel	3.52	7.74	6
8mm	220m		Reel	6.16	13.55	2
10mm	220m		Reel	9.24	20.33	2
12mm	220m		Reel	13.64	30.01	1
14mm	220m		Reel	18.70	41.14	1
16mm	220m		Reel	24.20	53.24	1
18mm	220m		Reel	30.80	67.76	1

INDUSTRIAL FIELD FIBER ROPE-工业用绳

PE Monofilament 3 Strand Twisted Rope

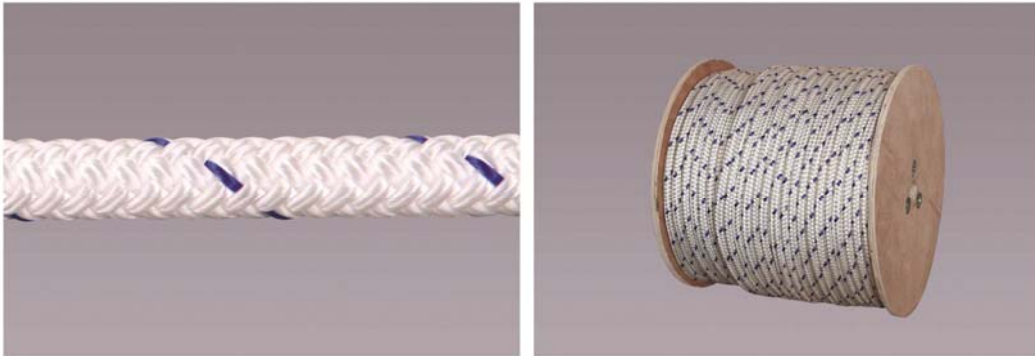


Polyethylene is light, floatable, and highly resistant to most chemicals. Spliceable. Very low stretch. This general purpose rope is lightweight, strong and used extensively for most rope requirements. Color Available: Blue, Orange, Green, Yellow

SIZE	LENGTH	COLOR	PACKING	WEIGHT(Kg)	WEIGHT(Lbs)	PCS/CTN
2mm	180m	Red	Coil	0.32	0.71	24
3mm	180m		Coil	0.72	1.59	24
4mm	180m		Coil	1.26	2.78	24
5mm	180m		Coil	1.80	3.96	12
6mm	180m		Coil	2.70	5.95	6
7mm	180m		Coil	3.60	7.93	6
8mm	180m		Coil	5.04	11.10	4
10mm	180m		Coil	7.56	16.65	2
12mm	180m		Coil	11.16	24.58	2
16mm	180m		Coil	19.8	43.61	1
18mm	180m		Coil	25.2	55.51	1
20mm	180m		Coil	30.6	67.40	1
24mm	180m		Coil	45	99.12	1

INDUSTRIAL FIELD FIBER ROPE-工业用绳

Polydac 3 Strand Twisted Rope



Double braid nylon also known as braid on braid nylon, is actually two braided ropes combined into one rope. This rope is spliceable and very strong. Nylon double braid is the preferred choice for applications requiring high strength with excellent shock absorbing properties. Nylon double braid has good resistance to abrasion, sunlight and chemicals. Due to its high elongation, nylon is almost always used in applications involving shock loading such as anchor lines and mooring lines.

Color Available: White with green tracer, White, Black, White with golden tracer

Size: 6mm-52mm



Polydac twisted rope is a blended rope made of polyester and polypropylene. It has a great UV resistance, good strength, excellent wear, low stretch, and light weight. Popular usages are for towing and slings.

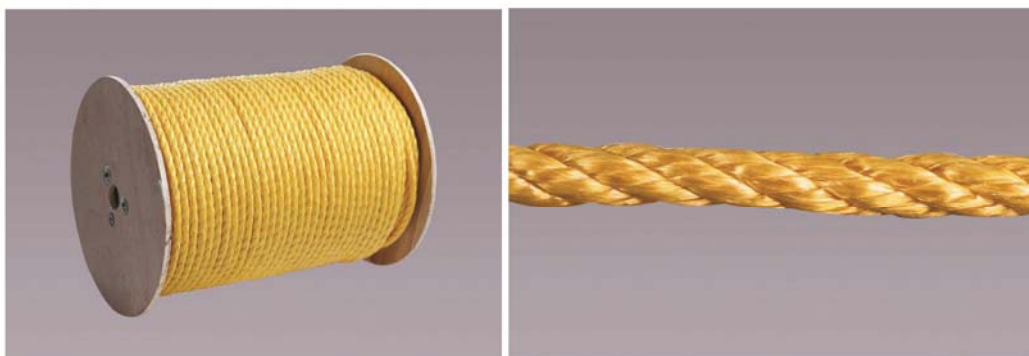
Color Available: White with orange tracer, other colour can be designed as per customer's requirement.

Size: 6mm-52mm

SANFENG TRADING CO.,LTD.

INDUSTRIAL FIELD FIBER ROPE-工业用绳

PP split film 3 strand twisted rope

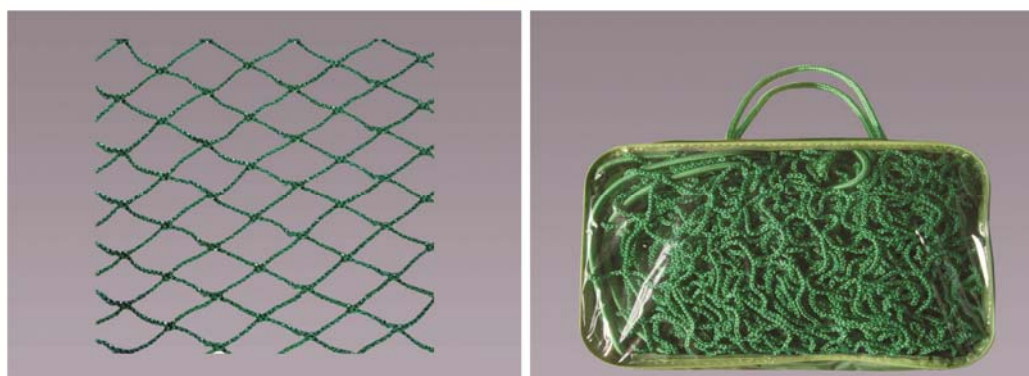


PP split film 3 strand twisted rope is made from 100% high tenacity polypropylene splitfilm. The rope has good resistance to the chemical habitat and average resistance to abrasion. Smooth floating rope which is lighter than rope made from polyester and polyamide has average UV-resistance. An economical price combined with wide applications makes these rope very attractive for customers. Polypropylene splitfilm ropes successfully found their applications in the marine transport, the cargo handling, the agriculture and construction.

Color Available: White,Black, yellow, other colour can be designed as per customer's requirement.

Size: 3mm-26mm

Net PE Cargo Net PP Multifilament Cargo Net(with elastic rope around)



组合尾缆 Mooring Tail & Shackles



系泊卸扣 Mooring shackle

镀锌的钢质系泊卸扣紧凑型的设计主要应用于连接钢丝绳和化纤绳。有三种规格分别是90T,120T和180T,300T也可以(化纤绳此处连接在插销部位,钢丝绳连另一头。)
Galvanized steel mooring shackle, compact design which is mainly used in connecting wire rope with fiber rope. There are three kinds of specifications, including 90T, 120T and 180T, 300T as well (fiber rope connect with bolt part, and wire rope connect with another side).

参数表 Parameter Table

LINK 90T	LINK 120T	LINK 180T
TAIL(链接)56-68mm	TAIL(链接)72-80mm	TAIL(链接)88-112mm
A=285MM	A=324MM	A=350MM
B=115MM	B=142MM	B=184MM
C=136MM	C=150MM	C=160MM
D=65MM	D=75MM	D=85MM
E=75MM	E=90MM	E=120MM
R=22MM	R=28MM	R=30MM
BREAKING LOAD(破断拉力)	BREAKING LOAD(破断拉力)	BREAKING LOAD(破断拉力)
90 Tones	120 Tones	180 Tones
PROOF LOAD(标准负荷)	PROOF LOAD(标准负荷)	PROOF LOAD(标准负荷)
55 Tones	70 Tones	95 Tones
WEIGHT(重量)	WEIGHT(重量)	WEIGHT(重量)
11.2kg	16.9kg	25.0kg

尾缆卸扣 Fairlead shackle

不锈钢系泊卸扣光滑型的设计主要是为了能通过导缆孔。规格有90M和120M(钢丝绳连在滑轮上,化纤绳连在另一头。)
Stainless steel mooring shackle, smooth design is mainly to pass fairlead chock. The specifications are 90M and 120M (wire rope connect with pulley, and fiber rope connect with another side).

参数表 Parameter Table

SHACKLE 90M	SHACKLE 120M
TAIL(链接)56-64mm	TAIL(链接)68-80mm
A=255MM	A=300MM
B=97MM	B=121MM
C=120MM	C=130MM
D=65MM	D=82MM
E=67MM	E=90MM
F=100MM	F=128MM
R=34MM	R=45MM
BREAKING LOAD(破断拉力)	BREAKING LOAD(破断拉力)
90 Tones	120 Tones
PROOF LOAD(标准负荷)	PROOF LOAD(标准负荷)
55 Tones	70 Tones
WEIGHT(重量)	WEIGHT(重量)
7.8kg	13.3kg

如果需要其它尺寸,可以根据客户要求定制。 Other sizes are available upon request.

Deseen International Fiber rope and net



我公司生产的尾绳一般选用尼龙、涤纶或者丙纶和涤纶混合材料制成。总长11米，两端各1.8米琵琶头，每个琵琶头至少插五个花，外包帆布或PVC护套。

To produce the rope tail, our company usually chooses mixed materials like Nylon and Polyester, Polypropylene and Polyester. 11 meters in total length, 1.8 meters of each eye splices at both ends, at least five flowers for each eye splice, rope is jacketed with canvas or PVC.

尾绳 Mooring Tail

参数表 Parameter Table

名称Item	尺寸Size		重量Weight Kg/11m	断裂强力 Breaking Strength	
	直径mm Dia.	圆周inch Cir.		千牛 kN	吨 ton
尼龙8股 NYLON 8-strand	64	8	43.00	784.80	80.08
	72	9	54.00	981.00	100.10
	80	10	67.00	1206.60	123.12
	88	11	81.00	1422.40	145.14
	96	12	97.00	1667.60	170.16
尼龙12股 NYLON 12-strand	64	8	43.00	849.50	86.68
	72	9	56.00	1098.70	112.11
	80	10	69.00	1304.70	133.13
	88	11	81.00	1540.10	157.15
	96	12	97.00	1873.70	191.19
聚酯(涤纶)8股 POLYESTER 8-strand	64	8	53.00	814.20	83.08
	72	9	67.00	1010.40	103.10
	80	10	82.00	1245.80	127.12
	88	11	100.00	1491.10	152.15
	96	12	119.00	1775.60	181.18
聚酯(涤纶)12股 POLYESTER 12-strand	64	8	51.00	824.00	84.08
	72	9	67.00	1069.30	109.11
	80	10	82.00	1304.70	133.13
	88	11	98.00	1559.70	159.15
	96	12	119.00	1873.70	191.19
聚酯聚丙烯混合8股 POWER-MIXED® 8-strand	64	8	38.00	735.70	75.07
	72	9	48.00	922.10	94.09
	80	10	59.00	1118.30	114.11
	88	11	71.00	1353.70	138.13
	96	12	85.00	1599.00	163.16
聚酯聚丙烯混合12股 POWER-MIXED® 12-strand	64	8	38.00	735.70	75.07
	72	9	48.00	922.10	94.09
	80	10	59.00	1118.30	114.11
	88	11	71.00	1353.70	138.13
	96	12	85.00	1599.00	163.16

如果需要其它尺寸，可以根据客户要求定制。 Other sizes are available upon request.

SLING NET

RopeNet

