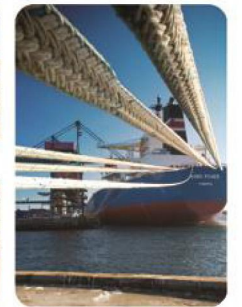


Marine Rope





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聚丙烯单丝三股 Polypropylene monofilament 3 strands

特征:

- * 丙纶化学名叫聚丙烯 (PP)
- * 密度为0.90-0.92g/cm³, 浮水性好。
- * 电绝缘性好, 电阻率很高 (7 x 10¹⁹.cm)
- * 抗微生物性能好, 不霉不蛀
- * 破断伸长率 (%) 12-18
- * 耐酸、碱和有机溶剂
- * 抗磨损性: 好
- * 防紫外线性能 (UPF) 好

Features:

- * Polypropylene chemical name of polypropylene (PP)
- * Density of 0.90-0.92 g/cm³ after, good water floating
- * Good electrical insulation, high resistivity (7 x 10¹⁹.cm)
- * Antimicrobial performance is good, not bad not decay
- * Breaking elongation (%) 12 to 18
- * Acid, alkali and organic solvents
- * Good abrasion resistance:
- * Uv protection properties (UPF)



用途 Purpose:

- * 用于船舶系泊, 拖缆, 海洋捕捞, 海洋养殖等领域。
- * For the ship's mooring, towing, Marine fishing, Marine aquaculture and other fields.

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准允差 Standard tolerance %	重量 Weight		最低断裂强力 Breaking Strength	
直径 Dia	圆周 Cir(irrnc)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
4	1/2	6.8	±10	1.5	0.46	2.4	0.25
6	3/4	16.3	±10	3.9	1.1	6.2	0.63
8	1	28.9	±10	4.4	1.94	10.8	1.10
10	1-1/4	45.2	±8	9.9	3.04	16.1	1.64
12	1-1/2	65.1	±8	14.3	4.38	25.0	2.55
14	1-3/4	88.6	±8	19.5	5.95	32.1	3.38
16	2	116	±5	25.5	7.80	38.2	3.90
18	2-1/4	146	±5	32.1	9.81	48.0	4.90
20	2-1/2	181	±5	39.8	12.16	60.0	6.1
22	2-3/4	219	±5	48.1	14.10	70.2	7.16
24	3	260	±5	57.2	17.50	82.0	8.40
26	3-1/4	306	±5	67.3	20.56	95.3	9.72
28	3-1/2	354	±5	77.9	23.80	109	11.11
30	3-3/4	407	±5	89.5	27.35	124	12.65
32	4	463	±5	101.9	31.12	138	14.10
36	4-1/2	586	±5	129.0	39.40	172	17.54
40	5	723	±5	159.1	48.60	210	21.40
44	5-1/2	875	±5	192.5	58.80	249	25.40
48	6	1040	±5	229.0	70.00	300	30.60
52	6-1/2	1220	±5	268.4	82.00	340	34.70
56	7	1420	±5	312.4	95.43	388	39.60
60	7-1/2	1630	±5	359.0	101.0	440	44.90



丙纶长丝三股绳 3 strands of rope polypropylene filament

特征:

- * 丙纶长丝化学名叫聚丙烯长丝, 商品名称丙纶长丝。
- * 密度为0.91g/cm³, 浮水性好。
- * 电绝缘性好, 电阻率很高 (7 x 10¹⁹.cm)
- * 抗微生物性能好, 不霉不蛀
- * 破断伸长率 (%) 16-20
- * 耐酸、碱和有机溶剂
- * 抗磨损性: 良
- * 防紫外线性能 (UPF) 好。

Features:

- * Polypropylene filament chemical called polypropylene filament, name of commodity polypropylene filament
- * Good water density is 0.91 g/cm³, float
- * Good electrical insulation, high resistivity (7x10¹⁹.cm)
- * Antimicrobial performance is good, not bad not decay
- * Breaking elongation (%) 16-20
- * Acid, alkali and organic solvents
- * Good abrasion resistance
- * Uv protection properties (UPF)



用途 Purpose:

- * 造船企业, 远洋运输, 渔业捕捞, 港口码头等领域。
- * Shipbuilding enterprise, ocean shipping, fishing, port terminals, and other fields.

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准允差 Standard tolerance %	重量 Weight		最低断裂强力 Breaking Strength	
直径 Dia	圆周 Cir(irrnc)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
4	1/2	7.23	±10	1.6	0.49	2.8	0.29
6	3/4	18.0	±10	4.0	1.21	6.5	0.66
8	1	30.0	±10	6.6	2.02	12.2	1.24
10	1-1/4	45.2	±8	9.9	3.04	17.2	1.75
12	1-1/2	68.0	±8	15.0	4.57	24.0	2.45
14	1-3/4	95.0	±8	20.9	6.38	33.1	3.38
16	2	121	±5	26.6	8.13	43.0	4.40
18	2-1/4	155	±5	34.1	10.42	54.0	5.50
20	2-1/2	189	±5	41.6	12.70	66.0	6.70
22	2-3/4	231	±5	50.8	15.52	80.0	8.20
24	3	274	±5	60.3	18.40	96.0	9.80
26	3-1/4	320	±5	70.4	21.50	111	11.30
28	3-1/2	373	±5	82.1	25.10	123	12.50
30	3-3/4	430	±5	94.6	29.00	138	14.00
32	4	495	±5	109.0	33.30	151	15.40
36	4-1/2	630	±5	138.6	42.34	182	18.56
40	5	780	±5	171.6	52.40	225	22.95
44	5-1/2	933	±5	205.3	62.70	261	26.60
48	6	1100	±5	242.0	74.00	305	31.10
52	6-1/2	1280	±5	282.0	86.00	353	36.00
56	7	1430	±5	314.6	96.10	396	40.39
60	7-1/2	1630	±5	359.0	101.0	452	46.10





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涤纶三股绳 Polyester 3 strands of rope

特征:

- * 涤纶化学名叫聚酯。
- * 涤纶具有热稳定性最好。软化点230-240℃, 熔点255-265℃。
- * 干态和湿态的耐磨性能相同。
- * 耐老化, 抗紫外线, 抗霉菌。
- * 化学性能稳定, 耐酸性强。
- * 抗拉伸, 刚性好, 不易变形。
- * 耐磨性能好、强度高, 使用寿命长。
- * 具有防紫外线性能 (UPF)
- * 破断伸长率 (%): 10-18

Features:

- * Polyester, polyester chemistry
- * Polyester has the best thermal stability softening point 230-240 °C, melting point 255-265 °C
- * The wear-resisting performance of the dry and wet state are the same.
- * Resistance, uv resistance, resistance to mildew.
- * Chemical performance is stable, strong acid resistance
- * Tensile, good rigidity, not easy deformation
- * Good wear resistance, high intensity, long service life
- * Have good uv protection performance (UPF)
- * Breaking elongation (%) 10 to 18



用途 Purpose:

- * 主要用于船舶上系泊, 远洋运输、港口码头、国防军工、矿山牵引等领域。
- * It is mainly used for mooring ships, ocean transportation, port terminals, national defense, mine traction, etc

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂强度 Breaking Strength	
直径 Dia	圆周 Cir(irnch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
4	1/2	12.0	±10	2.6	0.81	3.5	0.36
6	3/4	27.3	±10	6.0	1.83	6.8	0.69
8	1	48.5	±10	10.7	3.26	12.5	1.28
10	1-1/4	75.8	±8	16.7	5.10	17.3	1.76
12	1-1/2	109.0	±8	24.0	7.33	25.5	2.6
14	1-3/4	149.0	±8	32.8	10.00	34.5	3.52
16	2	194.0	±5	42.7	13.03	45.0	6.60
18	2-1/4	246.0	±5	54.1	16.53	57.0	5.81
20	2-1/2	303.0	±5	66.7	20.40	68.0	6.94
22	2-3/4	367.0	±5	80.7	24.70	82.0	8.40
24	3	437.0	±5	96.1	29.37	98.0	10.0
26	3-1/4	512.0	±5	113.0	34.40	119.0	12.1
28	3-1/2	594.0	±5	131.0	39.90	144.0	14.7
30	3-3/4	682.0	±5	150.0	45.83	157.0	16.0
32	4	778.0	±5	171.0	52.29	173.0	17.65
36	4-1/2	982.0	±5	216.0	66.00	215.0	21.90
40	5	1210.0	±5	266.0	81.32	264.0	26.93
44	5-1/2	1470	±5	323.0	98.80	310.0	31.62
48	6	1750	±5	385.0	117.61	367.0	37.43
52	6-1/2	2050	±5	451.0	137.80	427.0	43.55
56	7	2380	±5	524.0	159.95	488.0	49.77
60	7-1/2	2730	±5	600.0	183.47	541.0	55.18



锦纶复丝三股绳 Polyamide multifilament 3 strands of rope

特征:

- * 锦纶复丝化学名叫聚酰胺, 我国的商品名为锦纶复丝, 又称尼龙。
- * 耐碱的稳定性最好, 在浓度10%的苛性钠溶液中浸渍100h, 纤维强度基本不降低及接水的作用也很稳定。
- * 密度为1.12-1.14g/cm³
- * 熔点为215-220℃, 软化点为160-180℃。
- * 回弹性高, 当伸长3%, 回弹率100%。
- * 耐磨性能最好。
- * 防紫外线性能好。
- * 破断伸长率 (%): 14-28

Features:

- * Polyamide multifilament chemical called polyamide, China's commodity called polyamide multifilament also called nylon.
- * The stability of the alkali, best in 10% concentration of caustic soda solution impregnation 100 h, basic don't reduce the fiber strength and the effect of ammonia water is also stable
- * Density of 1.12-1.14 g/cm³
- * Melting point is 215-220 °C, softening point is 160-180 °C
- * High resilience, when 100% elongation, rebound 3%.
- * Wear-resisting performance is best.
- * Uv protection performance is good
- * Breaking elongation (%) 14 to 28



用途 Purpose:

- * 广泛用于大型船舶, 军舰, 拖缆, 石油勘探, 渔业, 矿山等许多领域。
- * Widely used in large ships, warships, towing, oil exploration, fisheries, mining and many other fields

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂强度 Breaking Strength	
直径 Dia	圆周 Cir(irnch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
4	1/2	10.5	±10	2.3	0.71	3.7	0.38
6	3/4	22.5	±10	5.0	1.51	8.2	0.84
8	1	40.0	±10	8.8	2.69	14	1.43
10	1-1/4	62.0	±8	13.6	4.17	22	2.4
12	1-1/2	89.0	±8	19.6	5.98	33	3.37
14	1-3/4	122	±8	26.8	8.20	44	4.49
16	2	158	±5	34.8	10.62	56	5.71
18	2-1/4	200	±5	44.0	13.44	71	7.20
20	2-1/2	245	±5	54.0	16.45	90	9.20
22	2-3/4	300	±5	66.0	20.20	106	10.8
24	3	355	±5	78.1	23.85	127	13.00
26	3-1/4	420	±5	92.4	28.23	147	15.00
28	3-1/2	485	±5	106.7	32.60	168	17.14
30	3-3/4	555	±5	122.0	37.1	188	19.2
32	4	630	±5	139.0	42.34	216	22.03
36	4-1/2	800	±5	176.0	53.76	270	27.54
40	5	990	±5	218.0	66.53	322	32.84
44	5-1/2	1200	±5	264.0	80.65	382	38.96
48	6	1420	±5	312.4	95.43	452	46.10
52	6-1/2	1660	±5	365.0	111.56	550	56.1
56	7	1930	±5	425.0	130.00	610	62.22
60	7-1/2	2231	±5	491.0	150.00	691	70.48





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锦纶三股绳 Polyamide fiber 3 strands of rope

特征:

- * 锦纶化学名叫聚酰胺，我国的商品名为锦纶，又称尼龙。
- * 耐碱的稳定性最好，在浓度10%的苛性钠溶液中浸渍100h,纤维强度基本不降低及酸水的作用也很稳定。
- * 密度为1.12-1.14g/cm³
- * 熔点为215-220℃，软化点为160-180℃。
- * 回弹性高，当伸长3%，回弹率100%。
- * 耐磨性能最好。
- * 防紫外线性能好。
- * 破断伸长率(%)：14-28

用途 Purpose:

- * 广泛用于大型船舶，军舰，拖缆，石油勘探，渔业，矿山等许多领域。
- * Widely used in large ships, warships, towing, oil exploration, fisheries, mining and many other fields

Features:

- * Nylon chemical called polyamide, China's commodity, polyamide fiber, also known as nylon
- * The stability of the alkali, best in 10% concentration of caustic soda solution impregnation 100 h, basic don't reduce the fiber strength and the effect of ammonia water is also stable
- * Density of 1.12-1.14 g/cm³
- * Melting point is 215-220 °C, softening point is 160-180 °C
- * High resilience, when 100% elongation, rebound 3%
- * Wear-resisting performance is best.
- * UV protection performance is good
- * Breaking elongation (%): 14 - 28



主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
4	1/2	10.5	±10	2.3	0.71	3.0	0.306
6	3/4	22.5	±10	5.0	1.51	6.8	0.690
8	1	40.0	±10	8.8	2.68	13	1.33
10	1-1/4	62.0	±8	13.6	4.17	19	1.94
12	1-1/2	89.0	±8	19.6	5.98	28	2.86
14	1-3/4	122	±8	26.8	8.20	38	3.87
16	2	158	±5	34.8	10.61	47	4.80
18	2-1/4	200	±5	44.0	13.44	61	6.22
20	2-1/2	245	±5	54.0	16.46	75	7.65
22	2-3/4	300	±5	66.0	20.20	90	9.18
24	3	355	±5	78.1	23.60	108	11.01
26	3-1/4	420	±5	92.4	28.23	125	12.00
28	3-1/2	485	±5	106.7	32.60	145	14.79
30	3-3/4	555	±5	122.0	37.70	160	16.32
32	4	630	±5	139.0	42.34	180	18.40
36	4-1/2	800	±5	176.0	53.80	226	23.10
40	5	990	±5	218.0	66.53	270	27.54
44	5-1/2	1200	±5	264.0	80.65	320	32.64
48	6	1420	±5	312.4	95.43	380	38.76
52	6-1/2	1660	±5	365.2	111.60	440	44.90
56	7	1930	±5	425.0	129.7	485	49.50
60	7-1/2	2118	±5	466.0	142.34	562	57.32



尼龙粗单丝六股包芯复合绳 Thick nylon monofilament 6 strands core composite rope

特征:

- * 产品研发吸收国际先进工艺技术，采用尼龙66复丝同尼龙粗单丝，绳纱经科学分层排列绞绞而成。
- * 具有超常的耐磨性能，延长产品使用寿命，抗化学性能好，耐海水，防腐蚀，耐高温、防老化等特性。

用途:

- * 广泛应用于船舶绞车，远洋运输、港口码头、石油勘探、等领域。



Features:

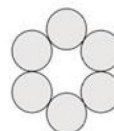
- * Product research and development to absorb the international advanced technology, the use of nylon 66 with multifilament nylon monofilament, by scientific layered rope yarn twist wring with a resistant ones can prolong the service life of product, good chemical resistance, water resistance, corrosion resistance, high temperature resistant, aging resistant properties are

Purpose:

- * Widely used in ship winch, ocean shipping, ports, oil exploration, etc.

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
28	3-1/2	510	±5	112	34.3	185.0	18.9
32	4	660	±5	145	44.4	236.0	24.0
36	4-1/2	840	±5	185	56.5	303.0	31.0
40	5	1050	±5	231	70.6	348.0	35.5
44	5-1/2	1264	±5	278	91.7	445.0	45.4
48	6	1490	±5	328	100.1	495.0	50.5
52	6-1/2	1660	±5	365	112.0	569.0	58.0
56	7	2036	±5	448	137.0	667.0	68.0
60	7-1/2	2205	±5	485	148.2	727.0	74.2
64	8	2450	±5	539	165.0	823.0	84.0
72	9	3273	±5	720	220.0	1123.0	115.0
80	10	4141	±5	911	278.3	1298.0	132.4
88	11	5000	±5	1100	336.0	1585.0	162.0
96	12	5955	±5	1310	400.0	1980.0	202.0





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聚丙烯单丝八股 Polypropylene monofilament 8 strands

特征:

- * 丙纶化学名叫聚丙烯 (PP)
- * 密度为0.90~0.92g/cm³, 浮水性好。
- * 电绝缘性好, 电阻率很高 (7 x 10¹⁹.cm) 。
- * 抗微生物性能好, 不霉不蛀。
- * 破断伸长率 (%) 12~18
- * 耐酸、碱和有机溶剂
- * 抗磨损性: 好
- * 防紫外线性能 (UPF) 好

Features:

- * Polypropylene chemical name of polypropylene (PP)
- * Density of 0.90~0.92 g/cm³, good water floating
- * Good electrical insulation, high resistivity (7 x 10¹⁹.cm)
- * Antimicrobial performance is good, not bad not decay
- * Breaking elongation (%) 12 to 18
- * Acid, alkali and organic solvents
- * Good abrasion resistance
- * Uv protection properties (UPF)

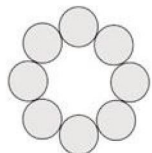
用途 Purpose:

- * 主要用于船舶系泊, 拖缆, 海洋捕捞, 海洋养殖等领域。
- * Mainly used in ship mooring, towing, Marine fishing, Marine aquaculture and other fields



主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准允差 Standard tolerance %	重量 Weight		最低断裂力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
28	3-1/2	355	±5	78.1	24.0	110	11.22
32	4	460	±5	101.2	31.0	145	14.8
36	4-1/2	585	±5	128.7	39.3	172	17.5
40	5	720	±5	158.4	48.4	210	21.4
44	5-1/2	880	±5	193.6	59.1	252	25.7
48	6	1040	±5	228.8	70.0	300	30.6
52	6-1/2	1220	±5	268.4	82.0	345	35.2
56	7	1420	±5	312.4	95.4	390	39.8
60	7-1/2	1630	±5	358.6	109.5	445	45.4
64	8	1850	±5	407.0	124.3	505	51.5
72	9	2340	±5	514.8	157.3	629	64.2
80	10	2900	±5	638.0	195.0	760	77.5
88	11	3510	±5	772.2	236.0	910	92.82
96	12	4170	±5	917.4	280.2	1110	113.2
104	14	4900	±5	1078.0	329.3	1276	130.2
112	14	5700	±5	1254.0	383.0	1435	146.4
120	15	6500	±5	1430.0	436.8	1675	170.9
128	16	7400	±5	1628.0	497.3	1865	190.2
136	17	8400	±5	1848.0	565.0	2141	218.4
144	18	9400	±5	2068.0	632.0	2341	238.8
152	19	10460	±5	2301.2	703.0	2540	259.1
160	20	11521	±5	2535.0	774.3	2760	281.5



丙纶长丝八股绳 Polypropylene filament 8 strands rope

特征:

- * 丙纶长丝化学名叫聚丙烯长丝。
- * 密度为0.91g/cm³, 浮水性好。
- * 电绝缘性好, 电阻率很高 (7 x 10¹⁹.cm)
- * 抗微生物性能好, 不霉不蛀
- * 破断伸长率 (%) 16~20
- * 耐酸、碱和有机溶剂
- * 抗磨损性: 良
- * 防紫外线性能 (UPF) 好。

Features:

- * Polypropylene filament chemical called polypropylene filament
- * Good water density is 0.91 g/cm³, float
- * Good electrical insulation, high resistivity (7 x 10¹⁹.cm)
- * Antimicrobial performance is good, not bad not decay
- * Breaking elongation (%) 16~20
- * Acid, alkali and organic solvents
- * Good abrasion resistance
- * Uv protection properties (UPF)

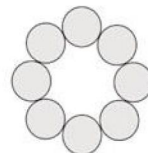
用途 Purpose:

- * 造船企业, 远洋运输, 渔业捕捞, 港口码头等领域。
- * Shipbuilding enterprise, ocean shipping, fishing, port terminals, and other fields.



主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准允差 Standard tolerance %	重量 Weight		最低断裂力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
28	3-1/2	373	±5	82.1	25.1	122	12.44
32	4	483	±5	106.3	32.5	151	15.4
36	4-1/2	615	±5	135.3	41.3	185	18.87
40	5	756	±5	166.3	50.8	224	228.4
44	5-1/2	918	±5	202.0	61.7	269	27.44
48	6	1092	±5	240.2	73.4	308	31.40
52	6-1/2	1281	±5	281.8	86.1	359	36.60
56	7	1491	±5	328.0	100.2	413	42.13
60	7-1/2	1711	±5	376.4	115.0	471	48.04
64	8	1942	±5	427.2	130.5	530	54.06
72	9	2457	±5	540.5	165.1	665	67.83
80	10	3035	±5	667.7	204.0	817	83.33
88	11	3675	±5	808.5	247.0	982	100.16
96	12	4379	±5	963.4	294.3	1170	119.34
104	14	5145	±5	1132.0	346.0	1329	135.58
112	14	5954	±5	1310.0	400.1	1531	156.16
120	15	6835	±5	1504.0	459.3	1766	180.13
128	16	7750	±5	1705.0	521.0	1995	203.49
136	17	8630	±5	1899.0	580.0	2255	230.00
144	18	9810	±5	2158.0	659.3	2502	255.20
152	19	10900	±5	2398.0	733.0	2753	281.00
160	20	11850	±5	2607.0	796.4	3063	312.43





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涤纶八股绳 Polyester 8 strands rope

特征:

- * 涤纶化学名叫聚酯。
- * 涤纶具有热稳定性最好。软化点230-240℃, 熔点255-265℃。
- * 干态和湿态的耐磨性能相同。
- * 耐老化, 抗紫外线, 抗霉菌。
- * 化学性能稳定, 耐酸性强。
- * 抗拉伸。刚性好, 不易变形。
- * 耐磨性能好、强度高, 使用寿命长。
- * 具有防紫外线性能 (UPF)
- * 破断伸长率 (%): 10-18

Features:

- * Polyester, polyester chemistry
- * Polyester has the best thermal stability, softening point 230-240 °C, melting point 255-265 °C
- * The wear-resisting performance of the dry and wet state are the same.
- * Resistance, uv resistance, resistance to mildew.
- * Chemical performance is stable, strong acid resistance
- * Tensile, good rigidity, not easy deformation
- * Good wear resistance, high intensity, long service life
- * Have good uv protection performance (UPF)
- * Breaking elongation (%) 10 to 18

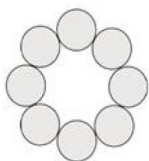
用途 Purpose:

- * 主要用于船舶上系泊, 远洋运输、港口码头、国防军工、矿山牵引等领域。
- * It is mainly used for mooring ships, ocean transportation, port terminals, national defense, mine traction, etc



主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准允差 Standard tolerance %	重量 Weight		最低断裂力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
28	3-1/2	594	±5	130.7	39.9	132	13.5
32	4	778	±5	171.2	52.3	169	17.2
36	4-1/2	982	±5	216.0	66.0	209	21.3
40	5	1215	±5	267.3	81.7	258	26.3
44	5-1/2	1468	±5	323.0	98.7	307	31.3
48	6	1750	±5	385.0	117.6	362	36.9
52	6-1/2	2050	±5	451.0	137.8	422	43.0
56	7	2380	±5	523.6	160.0	483	49.3
60	7-1/2	2730	±5	600.6	183.5	538	54.9
64	8	3110	±5	684.2	209.0	625	63.8
72	9	3930	±5	864.6	264.1	777	79.3
80	10	4850	±5	1067.0	326.0	954	97.3
88	11	5870	±5	1291.4	395.0	1144	116.7
96	12	6990	±5	1537.8	470.0	1353	138.0
104	14	8200	±5	1804.0	551.0	1562	159.3
112	14	9500	±5	2090.0	638.5	1782	181.8
120	15	10900	±5	2398.0	723.5	2052	209.3
128	16	12400	±5	2728.0	833.3	2321	236.7
136	17	14000	±5	3080.0	941.0	2640	269.3
144	18	15700	±5	3454.0	1055.0	2915	297.3
152	19	17550	±5	3861.0	1179.4	3256	332.0
160	20	19400	±5	4268.0	1304.0	3597	367.0



涤纶/丙纶八股混合绳 Polyester/polypropylene fiber mixed 8 strands rope

介绍:

- * 产品采用国际先进的技术, 把高强涤纶纤维同高强丙纶或高强丙纶长丝混合制作而成, 两种材料纱线, 经科学分层捻股、涤纶纱线覆盖外层, 使耐磨效果突出。

特征:

- * 密度为0.975g/cm³
- * 耐光性能好。
- * 抗微生物性能好, 不霉不蛀
- * 破断伸长率 (%) 12-18
- * 耐酸、碱和有机溶剂
- * 抗磨损性: 好
- * 干、湿状态耐磨性大致相同

用途 Purpose:

- * 主要用于各种船舶带缆、拖缆、石油勘探、牵引等。
- * Mainly used for all kinds of ship's mooring, towing, oil exploration, traction

Intruduction

- * Products adopt international advanced technology, high strength polyester fiber with high strength polypropylene or high strength polypropylene filament produced by mixing, two kinds of material yarn, scientifically cover outer layer stranding, polyester yarn, and make the magic resistance effect is prominent

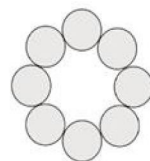
Features:

- * Density of 0.975 g/cm³
- * Good light fastness
- * Antimicrobial performance is good, not bad not decay
- * Antimicrobial performance is good, not bad not decay
- * Breaking elongation (%) 12 to 18
- * Acid, alkali and organic solvents
- * Good abrasion resistance
- * Dry and wet state of wearability are roughly the same



主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准允差 Standard tolerance %	重量 Weight		最低断裂力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
32	4	535	±5	118.0	35.8	215	21.9
36	3-1/2	690	±5	151.8	46.4	270	27.5
40	5	877	±5	193.0	58.9	325	33.2
44	5-1/2	1086	±5	239.0	73.0	375	38.3
48	6	1300	±5	286.0	87.4	443	45.2
52	6-1/2	1496	±5	329.0	100.1	515	52.5
56	7	1773	±5	390.0	119.2	591	60.3
60	7-1/2	1995	±5	439.0	134.1	670	68.3
64	8	2223	±5	489.0	149.4	755	77.0
72	9	2836	±5	624.0	190.6	945	96.4
80	10	3477	±5	765.0	2337	1145	116.8
88	11	4177	±5	919.0	281.0	1385	141.3
96	12	4940	±5	1087.0	332.0	1635	166.8
104	13	5810	±5	1278.0	390.5	1890	192.8
112	14	6723	±5	1479.1	451.6	2176	222.0
120	15	7740	±5	1703.0	520.2	2500	255.0
128	16	8682	±5	1910.0	583.4	2700	275.4
136	17	9680	±5	2130.0	650.5	2880	293.8
144	18	10695	±5	2353.0	718.8	3015	307.5
152	19	11705	±5	2575.0	787.0	3210	327.4
160	20	12728	±5	2800.0	855.4	3373	344.0





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锦纶复丝八股绳 Polyamide multifilament 8 strands rope

特征:

- * 锦纶复丝化学名叫聚酰胺，我国的商品名为锦纶复丝，又称尼龙。
- * 耐碱的稳定性最好，在浓度10%的苛性钠溶液中浸渍100h,纤维强度基本不降低及较水的作用也很稳定。
- * 密度为1.12-1.14g/cm³
- * 熔点为215-220℃，软化点为160-180℃
- * 回弹性高，当伸长3%，回弹率100%
- * 耐磨性能最好。
- * 防紫外线性能好。
- * 破断伸长率(%)：14-28

Features:

- * Polyamide multifilament chemical called polyamide, China's commodity called polyamide multifilament also called nylon.
- * The stability of the alkali, best in 10% concentration of caustic soda solution impregnation 100 h, basic don't reduce the fiber strength and the effect of ammonia water is also stable
- * Density of 1.12-1.14 g/cm³
- * Melting point is 215-220 °C, softening point is 160-180 °C
- * High resilience, when 100% elongation, rebound 3%
- * Wear-resisting performance is best.
- * Uv protection performance is good
- * Breaking elongation (%): 14-28

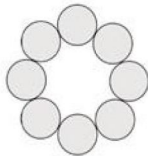


用途Purpose:

- * 广泛用于大型船舶，军舰，拖缆，石油勘探，渔业，矿山等许多领域。
- * Widely used in large ships, warships, towing, oil exploration, fisheries, mining and many other fields

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂强力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
28	3-1/2	485	±5	106.7	32.6	177	18.0
32	4	630	±5	138.6	42.3	228	23.26
36	4-1/2	800	±5	176.0	53.8	287	29.27
40	5	990	±5	217.8	66.5	348	35.45
44	5-1/2	1200	±5	264.0	80.6	415	42.33
48	6	1420	±5	312.4	95.4	476	48.60
52	6-1/2	1660	±5	365.2	111.6	558	56.92
56	7	1930	±5	424.6	130.0	630	64.26
60	7-1/2	2210	±5	486.2	148.5	710	72.42
64	8	2520	±5	554.4	169.4	813	82.93
72	9	3190	±5	701.8	214.4	1005	102.51
80	10	3940	±5	866.8	265.0	1230	125.46
88	11	4770	±5	1049.4	321.0	1455	148.40
96	12	5680	±5	1249.6	382.0	1702	173.60
104	14	6660	±5	1463.2	444.0	2020	206.00
112	14	7720	±5	1698.4	519.0	2215	225.93
120	15	8870	±5	1951.4	596.1	2535	258.57
128	16	10100	±5	2222.0	679.0	2915	297.33
136	17	11400	±5	2508.0	766.1	3185	324.87
144	18	12800	±5	2816.0	860.2	3575	364.65
152	19	14300	±5	3146.0	961.0	3925	400.35
160	20	15800	±5	3476.0	1062.0	4295	438.00



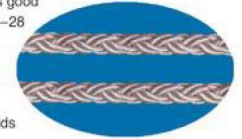
锦纶八股绳 Nylon rope 8 strands

特征:

- * 锦纶化学名叫聚酰胺，我国的商品名为锦纶，又称尼龙。
- * 耐碱的稳定性最好，在浓度10%的苛性钠溶液中浸渍100h,纤维强度基本不降低及较水的作用也很稳定。
- * 密度为1.12-1.14g/cm³
- * 熔点为215-220℃，软化点为160-180℃
- * 回弹性高，当伸长3%，回弹率100%
- * 耐磨性能最好。
- * 防紫外线性能好。
- * 破断伸长率(%)：14-28

Features:

- * Nylon chemical called polyamide, China's commodity, polyamide fiber, also known as nylon
- * The stability of the alkali, best in 10% concentration of caustic soda solution impregnation 100 h, basic don't reduce the fiber strength and the effect of ammonia water is also stable
- * Density of 1.12-1.14 g/cm³
- * Melting point is 215-220 °C, softening point is 160-180 °C
- * High resilience, when 100% elongation, rebound 3%
- * Wear-resisting performance is best.
- * Uv protection performance is good
- * Breaking elongation (%): 14-28

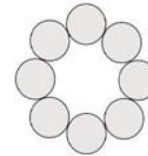


用途Purpose:

- * 广泛用于大型船舶，军舰，拖缆，石油勘探，渔业，矿山等许多领域。
- * Widely used in large ships, warships, towing, oil exploration, fisheries, mining and many other fields

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂强力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
28	3-1/2	485	±5	106.7	32.6	141	14.38
32	4	630	±5	138.6	42.3	183	18.67
36	4-1/2	800	±5	176.0	53.8	228	23.26
40	5	990	±5	217.8	66.5	272	27.74
44	5-1/2	1200	±5	264.0	80.6	324	33.05
48	6	1420	±5	312.4	95.4	383	39.70
52	6-1/2	1660	±5	365.2	111.6	443	45.2
56	7	1930	±5	424.6	130.0	493	50.29
60	7-1/2	2210	±5	486.2	148.5	561	57.22
64	8	2520	±5	554.4	169.4	628	64.06
72	9	3190	±5	701.8	214.4	703	71.10
80	10	3940	±5	866.8	265.0	960	97.92
88	11	4770	±5	1049.4	321.0	1190	121.38
96	12	5680	±5	1249.6	382.0	1377	140.45
104	14	6660	±5	1465.2	448.5	1648	169.44
112	14	7720	±5	1698.4	519.0	1875	191.25
120	15	8870	±5	1951.4	596.1	2153	219.61
128	16	10100	±5	2222.0	679.0	2472	252.14
136	17	11400	±5	2508.0	766.1	2704	275.80
144	18	12800	±5	2816.0	860.2	3038	309.87
152	19	14300	±5	3146.0	961.0	3337	340.37
160	20	15800	±5	3476.0	1062.0	3646	371.89





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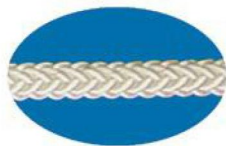
丙纶长丝十二股绳 12 strands polypropylene filament rope

特征:

- * 丙纶长丝化学名叫聚丙烯长丝。
- * 密度为0.91g/cm³, 浮水性好。
- * 电绝缘性好, 电阻率很高 (7 x 1019.cm)
- * 抗微生物性能好, 不霉不蛀
- * 破断伸长率 (%) 16-20
- * 耐酸、碱和有机溶剂
- * 抗磨损性: 良
- * 防紫外线性能 (UPF) 好

Features:

- * Polypropylene filament chemical called polypropylene filament
- * Good water density is 0.91 g/m³, float
- * Good electrical insulation, high resistivity (7 x 1019.cm)
- * Antimicrobial performance is good, not bad not decay
- * Breaking elongation (%) 16-20
- * Acid, alkali and organic solvents
- * Good abrasion resistance
- * Uv protection properties (UPF)

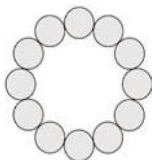


用途 Purpose:

- * 广泛用于造船企业, 远洋运输, 渔业捕捞、港口码头等领域。
- * Widely used in Shipbuilding Enterprise, Ocean Shipping, Fishing, Harbor dock and many other fields

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂强度 Breaking Strength	
直径 Dia	圆周 Cir(irnch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
28	3-1/2	385	±5	84.7	26.0	136	13.9
32	4	508	±5	111.7	34.1	169	17.2
36	4-1/2	641	±5	141.0	43.1	203	20.7
40	5	810	±5	178.2	54.4	248	25.3
44	5-1/2	952	±5	209.4	64.0	290	29.6
48	6	1136	±5	250.0	76.3	342	34.9
52	6-1/2	1316	±5	289.5	88.4	390	39.8
56	7	1452	±5	319.4	97.6	438	44.7
60	7-1/2	1705	±5	375.1	115.0	503	51.3
64	8	1930	±5	424.6	130.0	566	57.7
72	9	2470	±5	543.4	166.0	718	73.2
80	10	3000	±5	660.0	202.0	865	88.2
88	11	3636	±5	799.9	244.4	1000	102.0
96	12	4319	±5	950.2	290.0	1170	119.3
104	14	5006	±5	1101.3	336.4	1363	139.0
112	14	5910	±5	1300.0	397.2	1565	159.6
120	15	6800	±5	1496.0	457.0	1791	182.7
128	16	7700	±5	1694.0	517.5	2083	212.5
136	17	8636	±5	1899.9	580.4	2285	233.1
144	18	9800	±5	2156.0	659.0	2552	260.3
152	19	10800	±5	2376.0	726.0	2797	285.3
160	20	11680	±5	2569.6	785.0	3155	321.8



涤纶十二股绳 Polyester 12 strands rope

特征:

- * 涤纶化学名叫聚酯。
- * 涤纶具有热稳定性最好, 软化点230-240℃, 熔点255-265℃。
- * 干态和湿态的耐磨性能相同。
- * 耐老化, 抗紫外线, 抗霉菌。
- * 化学性能稳定, 耐酸性强。
- * 抗拉伸。刚性好, 不易变形。
- * 耐磨性能好、强度高, 使用寿命长。
- * 具有防紫外线性能 (UPF)
- * 破断伸长率 (%): 10-18

Features:

- * Polyester, polyester chemistry
- * Polyester has the best thermal stability, softening point 230-240 °C, melting point 255-265 °C
- * The wear-resisting performance of the dry and wet state are the same.
- * Resistance, uv resistance, resistance to mildew.
- * Chemical performance is stable, strong acid resistance
- * Tensile, good rigidity, not easy deformation
- * Good wear resistance, high intensity, long service life
- * Have good uv protection performance (UPF)
- * Breaking elongation (%) 10 to 18

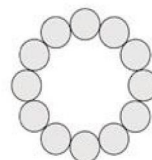


用途 Purpose:

- * 主要用于船舶上系泊, 远洋运输、港口码头、国防军工、矿山牵引等领域。
- * It is mainly used for mooring ships, ocean transportation, port terminals, national defense, mine traction, etc

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂强度 Breaking Strength	
直径 Dia	圆周 Cir(irnch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
20	2-1/2	303	±5	66.7	20.4	70	7.2
24	3	437	±5	96.1	29.4	100	10.3
28	3-1/2	594	±5	130.7	40.0	145	14.8
32	4	778	±5	171.2	52.3	181	18.5
36	4-1/2	982	±5	216.0	66.0	210	21.4
40	5	1215	±5	267.3	82.0	265	27.0
44	5-1/2	1468	±5	322.9	99.0	312	31.8
48	6	1750	±5	385.0	118.0	365	37.2
52	6-1/2	2050	±5	451.0	138.0	422	43.0
56	7	2380	±5	523.6	160.0	485	58.2
60	7-1/2	2730	±5	600.6	183.5	540	55.0
64	8	3110	±5	684.2	209.0	630	64.0
72	9	3930	±5	864.6	264.0	780	79.6
80	10	4850	±5	1067.0	326.0	958	97.7
88	11	5870	±5	1291.4	394.5	1150	117.3
96	12	6990	±5	1537.8	470.0	1360	139.0
104	14	8200	±5	1804.0	551.0	1570	160.0
112	14	9500	±5	2090.0	638.4	1790	183.0
120	15	10900	±5	2398.0	733.0	2060	210.0
128	16	12400	±5	2728.0	833.3	2340	239.0
136	17	14000	±5	3080.0	941.0	2650	270.0
144	18	15700	±5	3454.0	1055.0	2930	299.0
152	19	17550	±5	3861.0	1179.5	3270	334.0
160	20	19400	±5	4268.0	1304.0	3620	369.0





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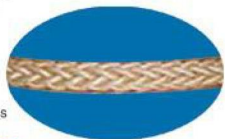
锦纶十二股绳 Nylon 12 strands rope

特征:

- * 锦纶化学名叫聚酰胺，我国的商品名为锦纶，又称尼龙。
- * 耐碱的稳定性最好，在浓度10%的苛性钠溶液中浸渍100h,纤维强度基本不降低及铵水的作用也很稳定。
- * 密度为1.12-1.14g/cm³
- * 熔点为215-220℃，软化点为160-180℃
- * 回弹性高，当伸长3%，回弹率100%
- * 耐磨性能最好。
- * 防紫外线性能好。
- * 破断伸长率(%)：14-28

Features:

- * Nylon chemical called polyamide, China's commodity, polyamide fiber, also known as nylon
- * The stability of the alkali, best in 10% concentration of caustic soda solution impregnation 100 h, basic don't reduce the fiber strength and the effect of ammonia water is also stable.
- * Density of 1.12-1.14 g/cm³
- * Melting point is 215-220 °C, softening point is 160-180 °C
- * High resilience, when 100% elongation, rebound 3%
- * Wear-resisting performance is best.
- * Uv protection performance is good
- * Breaking elongation (%) : 14-28



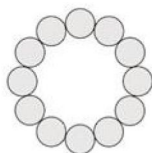
用途 Purpose:

- * 广泛用于大型船舶，军舰，拖缆，石油勘探，渔业，矿山等许多领域。
- * Widely used in large ships, warships, towing, oil exploration, fisheries, mining and many other fields

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准允差 Standard tolerance %	重量 Weight		最低断裂力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
20	2-1/2	245	±5	53.9	16.5	77.0	7.9
24	3	355	±5	78.1	23.9	111.0	11.3
28	3-1/2	485	±5	106.7	32.6	160	16.3
32	4	630	±5	138.6	42.3	200	20.4
36	4-1/2	800	±5	176.0	53.8	259	26.4
40	5	990	±5	217.8	66.5	300	31.0
44	5-1/2	1200	±5	264.0	80.6	360	36.7
48	6	1420	±5	312.4	95.4	420	42.8
52	6-1/2	1660	±5	365.2	111.6	485	49.5
56	7	1930	±5	424.6	129.7	534	54.5
60	7-1/2	2210	±5	486.2	149.0	610	62.2
64	8	2520	±5	554.4	169.3	680	69.4
72	9	3190	±5	701.8	214.4	843	86.0
80	10	3940	±5	866.8	265.0	1030	105.0
88	11	4770	±5	1049.4	321.0	1280	130.6
96	12	5680	±5	1249.6	382.0	1480	151.0
104	14	6660	±5	1465.2	448.0	1770	180.5
112	14	7720	±5	1698.4	519.0	2015	205.3
120	15	8870	±5	1951.4	596.1	2310	235.6
128	16	10100	±5	2222.0	679.0	2650	270.3
136	17	11400	±5	2508.0	766.1	2895	295.3
144	18	12800	±5	2816.0	860.2	3252	332.0
152	19	14300	±5	3146.0	961.0	3569	364.0
160	20	15800	±5	3476.0	1062.0	3908	399.0

160	20	11680	±5	2569.6	785.0	3155	321.8
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锦纶复丝十二股绳 Polyamide multifilament 12 strands rope

特征:

- * 锦纶复丝化学名叫聚酰胺，我国的商品名为锦纶复丝，又称尼龙。
- * 耐碱的稳定性最好，在浓度10%的苛性钠溶液中浸渍100h,纤维强度基本不降低及铵水的作用也很稳定。
- * 密度为1.12-1.14g/cm³
- * 熔点为215-220℃，软化点为160-180℃
- * 回弹性高，当伸长3%，回弹率100%
- * 耐磨性能最好。
- * 防紫外线性能好。
- * 破断伸长率(%)：14-28

Features:

- * Polyamide multifilament chemical called polyamide, China's commodity called polyamide multifilament also called nylon.
- * The stability of the alkali, best in 10% concentration of caustic soda solution impregnation 100 h, basic don't reduce the fiber strength and the effect of ammonia water is also stable.
- * Density of 1.12-1.14 g/cm³
- * Melting point is 215-220 °C, softening point is 160-180 °C
- * High resilience, when 100% elongation, rebound 3%
- * Wear-resisting performance is best.
- * Uv protection performance is good
- * Breaking elongation (%) : 14-28

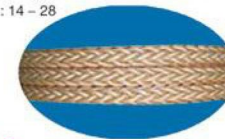
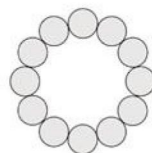
用途 Purpose:

- * 广泛用于大型船舶，军舰，拖缆，石油勘探，渔业，矿山等许多领域。
- * Widely used in large ships, warships, towing, oil exploration, fisheries, mining and many other fields

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准允差 Standard tolerance %	重量 Weight		最低断裂力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
20	2-1/2	245	±5	53.9	16.3	97.2	9.9
24	3	355	±5	78.1	24.0	137.0	14.0
28	3-1/2	485	±5	106.7	33.0	190.0	19.4
32	4	630	±5	138.6	42.3	245.0	25.0
36	4-1/2	800	±5	176.0	54.0	305	31.0
40	5	990	±5	217.8	66.5	361	36.8
44	5-1/2	1200	±5	264.0	80.7	432	44.1
48	6	1420	±5	312.4	95.4	510	52.0
52	6-1/2	1660	±5	365.2	112.0	590	60.2
56	7	1930	±5	424.6	130.0	660	67.3
60	7-1/2	2210	±5	486.2	149.0	746	76.0
64	8	2520	±5	554.4	169.4	838	85.5
72	9	3190	±5	701.8	214.4	1050	107.0
80	10	3940	±5	866.8	265.0	1272	129.7
88	11	4770	±5	1049.4	321.0	1580	161.2
96	12	5680	±5	1249.6	382.0	1825	186.2
104	14	6660	±5	1465.2	448.0	2175	222.0
112	14	7720	±5	1698.4	519.0	2471	252.0
120	15	8870	±5	1951.4	596.1	2840	289.7
128	16	10100	±5	2222.0	679.0	3280	334.5
136	17	11400	±5	2508.0	766.1	3580	365.2
144	18	12800	±5	2816.0	860.2	3965	404.4
152	19	14300	±5	3146.0	961.0	4395	448.3
160	20	15800	±5	3476.0	1062.0	4699	479.3

160	20	19400	±5	4268.0	1304.0	3620	369.0
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涤纶/丙纶十二股绳 Polyester/polypropylene 12 strands rope

介绍:

* 产品采用国际先进的技术, 把高强涤纶纤维同高强丙纶或高强丙纶长丝混合制作而成, 两种材料纱线, 经科学分层捻股、涤纶纱线覆盖外层, 使耐磨效果突出。

特征:

- * 密度为0.975g/cm³
- * 耐光性能好。
- * 抗微生物性能好, 不霉不蛀
- * 破断伸长率(%) 12-18
- * 耐酸、碱和有机溶剂
- * 抗磨损性: 好
- * 干、湿状态耐磨性大致相同

用途:

* 主要用于船舶系泊, 拖缆, 海洋捕捞, 海洋养殖等领域。



Intruduction:

* Polyester/polypropylene twelve strands of rope products adopt international advanced technology, the high strength polyester fiber with high strength polypropylene or high strength polypropylene filament produced by mixing, two kinds of material yarn, scientifically cover outer layer stranding, polyester yarn, and make outstanding abrasion resistance

Features:

- * Density of 0.975 g/cm³
- * Good light fastness
- * Antimicrobial performance is good, not bad not decay
- * Breaking elongation (%) 12 to 18
- * Acid, alkali and organic solvents
- * Good abrasion resistance
- * Dry and wet state of wearability are roughly the same

Purpose:

* Mainly used in ship mooring, towing, Marine fishing, Marine aquaculture and other fields

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂强度 Breaking Strength	
直径 Dia	圆周 Cir(Inch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
40	5	1213	±5	226.9	81.5	337	34.4
44	5-1/2	1468	±5	323.0	99.0	387	39.5
48	6	1750	±5	385.0	118.0	466	47.5
52	6-1/2	2050	±5	451.0	138.0	556	56.7
56	7	2381	±5	524.0	160.0	634	64.7
60	7-1/2	2732	±5	601.0	184.0	753	76.8
64	8	3100	±5	682.0	208.3	832	84.9
72	9	3230	±5	711.0	217.1	1080	110.0
80	10	4060	±5	893.0	273.0	1318	134.4
88	11	4915	±5	1081.0	330.3	1576	161.0
96	12	5840	±5	1285.0	392.5	1893	193.0
104	13	7100	±5	1562.0	477.2	2189	223.3
112	15	8550	±5	1881.0	575.0	2414	246.0
120	16	9960	±5	2191.0	669.4	2629	268.0
128	16	11100	±5	2442.0	746.0	2900	295.8
136	17	12600	±5	2772.0	847.0	3255	332.0
144	18	14100	±5	3102.0	948.0	3635	370.8
160	20	17280	±5	3802.0	1161.3	4440	453.0



聚丙烯单丝十二股绳 Polypropylene monofilament 12 strands rope

特征:

- * 丙纶化学名聚丙烯。
- * 密度为0.90-0.92g/cm³, 浮水性好。
- * 电绝缘性好, 电阻率很高 (7 x 1019. cm)
- * 抗微生物性能好, 不霉不蛀
- * 破断伸长率(%) 12-18
- * 耐酸、碱和有机溶剂
- * 抗磨损性: 好
- * 防紫外线性能 (UPF) 好

用途 Purpose:

* 主要用于船舶系泊, 拖缆, 海洋捕捞, 海洋养殖等领域。
* For the ship's mooring, towing, Marine fishing, Marine aquaculture and other fields.

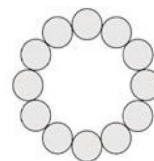
Features:

- * Polypropylene chemical name of polypropylene
- * Density of 0.90-0.92 g/cm³ after, good water floating
- * Good electrical insulation, high resistivity (7 x 1019. cm)
- * Antimicrobial performance is good, not bad not decay
- * Breaking elongation (%) 12 to 18
- * Acid, alkali and organic solvents
- * Good abrasion resistance
- * Uv protection properties (UPF)+



主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂强度 Breaking Strength	
直径 Dia	圆周 Cir(Inch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
28	3-1/2	355	±5	78.1	23.9	112	11.4
32	4	460	±5	101.2	31.0	151	15.4
36	4-1/2	585	±5	128.7	39.3	177	18.0
40	5	720	±5	158.4	48.4	215	21.9
44	5-1/2	880	±5	193.6	59.1	258	26.3
48	6	1040	±5	228.8	70.0	300	30.6
52	6-1/2	1220	±5	268.4	82.0	348	35.5
56	7	1420	±5	312.4	95.4	397	40.5
60	7-1/2	1630	±5	358.6	101.0	455	46.4
64	8	1850	±5	407.0	124.3	515	52.5
72	9	2340	±5	514.8	157.3	645	65.8
80	10	2900	±5	638.0	195.0	794	81.0
88	11	3510	±5	772.2	236.0	952	97.0
96	12	4170	±5	917.4	280.2	1125	114.8
104	14	4900	±5	1078.0	329.3	1289	131.5
112	14	5700	±5	1254.0	383.1	1488	151.8
120	15	6500	±5	1430.0	437.0	1710	174.4
128	16	7400	±5	1628.0	497.3	1930	196.9
136	17	8400	±5	1848.0	565.0	2172	221.5
144	18	9400	±5	2068.0	632.0	2424	247.0
152	19	10460	±5	2301.2	703.0	2696	275.0
160	20	11521	±5	2534.6	774.3	2969	303.0





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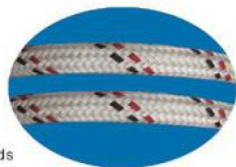
丙纶长丝双层编织绳 Polypropylene filament double braided rope

特征:

- * 丙纶长丝化学名叫聚丙烯长丝。
- * 密度为0.91g/cm³, 浮水性好。
- * 电绝缘性好, 电阻率很高 (7 × 1019 .cm)
- * 抗微生物性能好, 不霉不蛀
- * 破断伸长率 (%) 16 ~ 20
- * 耐酸、碱和有机溶剂
- * 抗磨损性: 良
- * 防紫外线性能 (UPF) 好。

Features:

- * Polypropylene filament chemical called polypropylene filamen
- * Good water density is 0.91 g/cm³, float
- * Good electrical insulation, high resistivity (7 x 1019 .cm)
- * Antimicrobial performance is good, not bad not decay
- * Breaking elongation (%) 16~20
- * Acid, alkali and organic solvents
- * Good abrasion resistance
- * Uv protection properties (UPF)

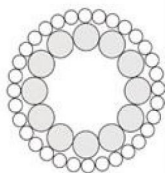


用途Purpose:

- * 广泛用于造船企业, 远洋运输, 渔业捕捞、港口码头等领域。
- * Shipbuilding enterprise, ocean shipping, fishing, port terminals, and other fields

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准允差 Standard tolerance %	重量 Weight		最低断裂力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
20	2-1/2	205	±5	45.1	13.8	65	6.6
24	3	299	±5	65.8	20.1	90	9.2
28	3-1/2	410	±5	90.2	27.6	155	15.0
32	4	541	±5	119.0	36.4	192	19.6
36	4-1/2	682	±5	150.0	45.8	232	23.7
40	5	829	±5	182.4	55.7	280	28.6
44	5-1/2	1010	±5	222.2	67.9	334	34.0
48	6	1210	±5	266.2	81.3	392	40.0
52	6-1/2	1400	±5	308.0	94.1	452	56.0
56	7	1540	±5	338.8	103.5	498	50.8
60	7-1/2	1745	±5	383.9	117.3	550	56.1
64	8	1970	±5	433.4	132.4	646	65.9
72	9	2430	±5	534.6	163.3	755	77.0
80	10	3080	±5	677.6	207.0	932	95.0
88	11	3730	±5	820.6	251.0	1130	115.3
96	12	4425	±5	973.5	297.0	1465	149.4
104	14	5180	±5	1139.6	348.1	1632	166.3
112	14	6000	±5	1320.0	403.2	1873	191.0
120	15	6900	±5	1518.0	464.0	2135	218.0
128	16	7725	±5	1699.5	519.2	2400	245.0
136	17	8700	±5	1914.0	585.0	2668	272.0
144	18	9886	±5	2174.9	664.0	3000	306.0



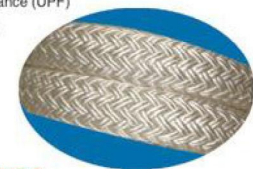
涤纶双层编织绳 Polyester double braided rope

特征:

- * 涤纶化学名叫聚酯。
- * 涤纶具有热稳定性最好。
软化点230 ~ 240℃, 熔点255 ~ 265℃。
- * 干态和湿态的耐磨性能相同。
- * 耐老化, 抗紫外线, 抗霉菌。
- * 化学性能稳定, 耐酸性强。
- * 抗拉伸。刚性好, 不易变形。
- * 耐磨性能好, 强度高, 使用寿命长。
- * 具有防紫外线性能 (UPF) 好
- * 破断伸长率 (%) : 10~18

Features:

- * Polyester, polyester chemistry
- * Polyester has the best thermal stability,
softening point 230~240 °C, melting point 255~265 °C
- * The wear-resisting performance of the dry and wet state are the same.
- * Resistance, uv resistance, resistance to mildew.
- * Chemical performance is stable, strong acid resistance
- * Tensile, good rigidity, not easy deformation
- * Good wear resistance, high intensity, long service life
- * Have good uv protection performance (UPF)
- * Breaking elongation (%) 10 to 18

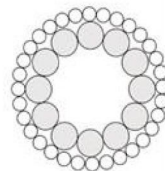


用途Purpose:

- * 主要用于船舶上系泊, 远洋运输、港口码头、国防军工、矿山牵引等领域。
- * It is mainly used for mooring ships, ocean transportation, port terminals, national defense, mine traction, etc

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准允差 Standard tolerance %	重量 Weight		最低断裂力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
20	2-1/2	304	±5	66.9	20.4	88	9.0
24	3	441	±5	97.0	29.6	125	12.8
28	3-1/2	594	±5	130.7	40.0	177	18.0
32	4	778	±5	171.2	52.3	212	21.2
36	4-1/2	982	±5	216.0	66.0	265	27.0
40	5	1215	±5	267.3	81.7	319	32.5
44	5-1/2	1468	±5	323.0	98.7	378	38.6
48	6	1750	±5	385.0	118.0	445	45.4
52	6-1/2	2050	±5	451.0	138.0	519	52.9
56	7	2380	±5	524.0	160.0	590	60.2
60	7-1/2	2730	±5	600.3	183.5	660	67.3
64	8	3110	±5	684.2	209.0	765	78.0
72	9	3930	±5	865.0	264.1	953	97.2
80	10	4850	±5	1067.0	326.0	1168	119.1
88	11	5870	±5	1291.4	394.5	1402	140.0
96	12	6990	±5	1538.0	470.0	1660	169.3
104	14	8200	±5	1804.0	551.0	1906	194.4
112	14	9500	±5	2090.0	638.4	2175	220.0
120	15	10900	±5	2398.0	733.0	2490	254.0
128	16	12400	±5	2728.0	833.3	2840	289.7
136	17	14000	±5	3080.0	941.0	3185	325.0
144	18	15700	±5	3454.0	1055.1	3560	363.1





marineusedgood

锦纶复丝双层编织绳 Polyamide multifilament double braided rope

特征:

- * 锦纶复丝化学名叫聚酰胺，我国的商品名为锦纶复丝，又称尼龙。
- * 耐碱的稳定性最好，在浓度10%的苛性钠溶液中浸渍100h,纤维强度基本不降低及铵水的作用也很稳定。
- * 密度为1.12-1.14g/cm³
- * 熔点为215-220℃，软化点为160-180℃。
- * 回弹性高，当伸长3%，回弹率100%
- * 耐磨性能最好。
- * 防紫外线性能好。
- * 破断伸长率(%)：14-28

用途Purpose:

- * 广泛用于大型船舶，军舰，拖缆，石油勘探，渔业，矿山等许多领域。
- * Widely used in large ships, warships, towing, oil exploration, fisheries, mining and many other fields

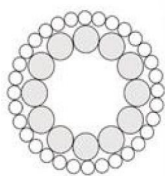
Features:

- * Polyamide multifilament chemical called polyamide, China's commodity called polyamide multifilament also called nylon.
- * The stability of the alkali, best in 10% concentration of caustic soda solution impregnation 100 h, basic don't reduce the fiber strength and the effect of ammonia water is also stable.
- * Density of 1.12-1.14 g/cm³
- * Melting point is 215-220 °C, softening point is 160-180 °C
- * High resilience, when 100% elongation, rebound 3%
- * Wear-resisting performance is best.
- * Uv protection performance is good
- * Breaking elongation (%): 14 to 28



主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准允差 Standard tolerance %	重量 Weight		最低断裂强力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
20	2-3/4	309	±5	68.0	20.8	113	11.53
24	3	368	±5	81.0	24.7	130	13.30
28	3-1/2	500	±5	110.0	33.6	224	22.82
32	4	654	±5	143.9	44.0	285	29.0
36	4-1/2	820	±5	180.4	55.1	354	36.1
40	5	1028	±5	226.2	69.1	410	41.8
44	5-1/2	1235	±5	272.0	83.0	490	50.0
48	6	1485	±5	327.0	100.0	595	60.7
52	6-1/2	1730	±5	381.0	116.3	630	60.3
56	7	2010	±5	442.0	135.1	695	70.9
60	7-1/2	2300	±5	506.0	154.6	810	82.6
64	8	2640	±5	581.0	177.4	930	94.9
72	9	3318	±5	730.0	222.5	1215	124.0
80	10	4090	±5	900.0	275.0	1490	152.0
88	11	4954	±5	1090.0	333.0	1908	195.0
96	12	5890	±5	1296.0	396.0	2059	210.0
104	14	6910	±5	1520.0	464.3	2375	242.3
112	14	8025	±5	1766.0	539.3	2716	277.0
120	15	9200	±5	2024.0	618.3	3028	308.0
128	16	10455	±5	2300.0	703.3	3365	343.0
136	17	11820	±5	2600.0	794.4	3675	375.0
144	18	13277	±5	2921.0	892.3	4020	410.0



涤纶/丙纶双层编织绳 Polyester/polypropylene double braided rope

介绍:

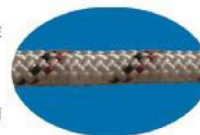
- * 产品采用国际先进的技术，把高强涤纶纤维同高强丙纶或高强丙纶长丝混合制作而成，两种材料纱线，经科学分层捻股、涤纶纱线覆盖外层，使耐磨效果突出。

特征:

- * 密度为0.975g/cm³
- * 抗紫外线性能好
- * 抗微生物性能好，不霉不蛀
- * 破断伸长率(%) 12-18
- * 耐酸、碱和有机溶剂
- * 抗磨损性：好
- * 干、湿状态耐磨性大致相同

用途:

- * 主要用于船舶系泊，拖缆，海洋捕捞，海洋养殖等领域。



Intruduction:

- * Products adopt international advanced technology, high strength polyester fiber with high strength polypropylene or high strength polypropylene filament produced by mixing, two kinds of material yarn, scientifically cover outer layer stranding, polyester yarn, and make outstanding abrasion resistance

Features:

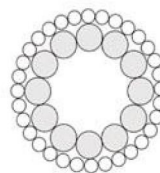
- * Density of 0.975 g/cm³
- * Good anti-uv properties
- * Antimicrobial performance is good, not bad not decay
- * Breaking elongation (%) 12 to 18
- * Acid, alkali and organic solvents
- * Good abrasion resistance
- * Dry and wet state of wearability are roughly the same

Purpose:

- * Mainly used in ship mooring, towing, Marine fishing, Marine aquaculture and other fields

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准允差 Standard tolerance %	重量 Weight		最低断裂强力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
28	3-1/2	452	±5	99.4	30.4	168	17.1
32	4	535	±5	117.7	36.0	215	21.9
36	4-1/2	690	±5	151.8	46.4	258	26.3
40	5	877	±5	193.0	58.9	320	32.6
44	5-1/2	1086	±5	239.0	73.0	370	37.7
48	6	1300	±5	286.0	87.4	440	44.9
52	6-1/2	1496	±5	329.1	100.5	510	52.0
56	7	1773	±5	390.0	119.2	569	58.0
60	7-1/2	1995	±5	438.9	133.7	650	66.3
64	8	2223	±5	489.1	149.4	736	75.0
72	9	2836	±5	623.9	190.5	912	93.0
80	10	3477	±5	764.9	231.0	1110	113.0
88	11	4177	±5	919.0	280.7	1362	139.0
96	12	4940	±5	1086.8	332.0	1588	162.0
104	14	5810	±5	1278.2	390.5	1800	183.6
112	14	6723	±5	1479.0	452.0	2120	216.0
120	15	7740	±5	1703.0	520.4	2430	248.0
128	16	8682	±5	1910.0	583.5	2745	280.0
136	17	9680	±5	2129.0	650.7	3009	307.0
144	18	10680	±5	2350.0	717.7	3248	331.0





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涤纶/尼龙 (锦纶复丝) 十二股绳 Polyester/nylon (polyamide multifilament) 12 strands rope

特征:

- * 锦纶复丝化学名叫聚酰胺，我国的商品名为锦纶复丝，又称尼龙、聚酯又称涤纶。
- * 耐碱的稳定性最好，在浓度10%的苛性钠溶液中浸渍100h,纤维强度基本不降低及绞水的作用也很稳定。
- * 密度为1.2-1.25g/cm³
- * 熔点为220-265℃，软化点为180-240℃。
- * 回弹性高，当伸长3%，回弹率100%。
- * 耐磨性能最好。
- * 防紫外线性能好。
- * 破断伸长率(%)：12-23

用途 Purpose:

- * 广泛用于大型船舶，军舰，拖缆，石油勘探，渔业，矿山等许多领域。
- * Widely used in large ships, warships, towing, oil exploration, fisheries, mining and many other fields

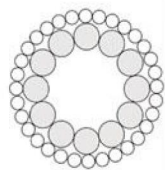
Features:

- * Polyamide multifilament chemical called polyamide, China's commodity called polyamide multifilament also called nylon.
- * The stability of the alkali, best in 10% concentration of caustic soda solution impregnation 100 h, basic don't reduce the fiber strength and the effect of ammonia water is also stable.
- * Density of 1.2-1.25 g/cm³
- * Melting point is 220-265 °C, softening point is 180-240 °C
- * High resilience, when 100% elongation, rebound 3%
- * Wear-resisting performance is best.
- * Uv protection performance is good
- * Breaking elongation (%): 12-23



主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准允差 Standard tolerance %	重量 Weight		最低断裂强度 Breaking Strength	
直径 Dia	圆周 Cir(irrnc)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
20	2-3/4	300	±5	66.0	20.2	104	10.6
24	3	430	±5	95.0	28.9	149	15.2
28	3-1/2	591	±5	130.0	39.7	201	20.5
32	4	782	±5	172.0	52.6	273	27.8
36	4-1/2	914	±5	201.0	61.4	333	34.0
40	5	1205	±5	265.1	81.0	413	42.1
44	5-1/2	1454	±5	320.0	97.7	497	50.7
48	6	1745	±5	384.0	117.3	593	60.5
52	6-1/2	2036	±5	448.0	136.8	688	70.2
56	7	2364	±5	520.1	226.1	766	78.1
60	7-1/2	2727	±5	600.0	183.3	878	89.6
64	8	3182	±5	700.0	213.8	986	100.6
72	9	4018	±5	884.0	270.0	1238	126.3
80	10	4855	±5	1068.0	326.3	1472	150.1
88	11	5886	±5	1295.0	395.5	1798	183.4
96	12	6986	±5	1537.0	4694.9	2106	214.8
104	14	8113	±5	1785.0	545.2	2393	244.1
112	14	9559	±5	2103.0	642.4	2811	286.7
120	15	10968	±5	2413.0	737.1	3217	328.1
128	16	12355	±5	2718.0	830.3	3635	370.8
136	17	13636	±5	3000.0	916.6	3979	405.9
144	18	15091	±5	3320.0	1014.2	4263	434.8



高强(超高)分子量聚乙烯八股绳 High strength (ultra high molecular weight polyethylene 8 strands rope

介绍:

* 高分子量聚乙烯八股绳，采用超高分子量聚乙烯 (UHMPE) 生产，它是目前世界上强度最高的纤维之一，采国际先进技术，对纱线进行树脂处理制造而成。但根据客户特殊要求也可增加涤纶保护层，进一步增加耐磨性能，提高使用寿命。强度高比同直径钢丝绳重，重量只有同强度钢丝绳的15%

特征:

- * 破断伸长率2.8-3.9极佳的张弛疲劳强度，是钢缆及尼龙的1000倍
- * 密度为0.97g/m³，比重低于水，漂浮于水上面，柔软、方便插编
- * 在室温状态下，耐工业浓酸、碱、氧化剂
- * 抗疲劳性能强，绳索加载40%-50%循环加载10万次最终破断强度不降低
- * 耐低温：零下43度性能不降低

用途:

- * 广泛用于系泊、锚缆、起吊索具、拖索、国防军工用，特海洋石油，远洋运输等领域。



Intruduction:

* High molecular weight polyethylene rope for public, USES the ultra-high molecular weight polyethylene (UHMPE) production, it is one of the highest strength of fiber in the world, adopt international advanced technology, the yarn resin processing manufacturing. But according to customer special requirements also can increase the polyester coating, further increase the wear resistance, improve the service life. With high strength ratio and diameter of wire rope, the weight is only 15% of the strength of wire rope

Features:

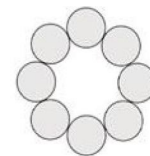
- * Breaking elongation 2.8-3.9 excellent relaxation fatigue strength, 1000 times that of steel cable and nylon rope
- * Density of 0.97 g/m³, less than water, float in water, soft, convenient plug
- * At room temperature, the industrial concentrated acid resistance, alkali, oxidant
- * Fatigue resistance is strong, the rope load 40% 50% cyclic loading 100000 times eventually breaking strength is not reduced
- * Resistance to low temperature: 43 degrees below zero performance is not reduced

Purpose:

Widely used for berthing and mooring line, the sling, towing, ntional defense, Marine oil, ocean transportation, and other fields

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准允差 Standard tolerance %	重量 Weight		最低断裂强度 Breaking Strength	
直径 Dia	圆周 Cir(irrnc)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
28	3-1/2	490	±5	122.0	32.9	675.0	68.90
32	4	621	±5	154.0	41.7	873.0	89.00
36	4-1/2	765	±5	190.0	51.4	1094.0	111.6
40	5	865	±5	215.0	58.1	1337.7	136.45
44	5-1/2	1060	±5	264.0	71.2	1605.0	164.00
48	6	1250	±5	311.0	84.0	1892.0	193.00
52	6-1/2	1460	±5	363.0	98.1	2200.0	224.40
56	7	1690	±5	420.0	113.6	2527.4	257.80
60	7-1/2	1930	±5	480.0	129.7	2873.5	293.10
64	8	2200	±5	547.0	147.9	3239.0	330.40
72	9	2780	±5	691.0	187.0	4020.0	410.04
80	10	3430	±5	853.0	231.0	4858.0	495.50
88	11	4170	±5	1037.0	280.2	5728.0	584.30
96	12	4970	±5	1236.0	334.0	6670.0	680.30
104	13	5800	±5	1442.0	390.0	7216.0	736.00
112	14	6730	±5	1673.0	452.3	8321.0	848.70
120	15	7720	±5	1919.0	519.0	9487.2	967.70
128	16	8790	±5	2185.0	591.0	10723.0	1093.80
136	17	9920	±5	2466.0	667.0	11989.7	1222.95
140	17-1/2	10510	±5	2613.0	706.0	12623.0	1287.50





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超高分子量聚乙烯十二股绳 Ultra-high molecular weight polyethylene 12 strands rope

介绍: Intruduction:

* 高分子量聚乙烯十二股绳, 采用超分子量聚乙烯纤维 (UHMPE) 生产, 它是目前世界上强度最高的纤维之一, 采用国际先进技术, 对纱线进行树脂处理制造而成。但根据客户特殊要求也可增加涤纶保护层, 进一步增加耐磨性能, 提高使用寿命。

特征:

- * 强度高比同直径钢丝绳高, 重量只有同强度钢丝绳的15%。
- * 破断伸长率 2.8 ~ 3.9% 极佳的张弛疲劳强度, 是钢缆及尼龙绳的1000倍。
- * 密度低 0.97g/cm³, 比重低于水, 漂浮于水面上, 柔软、方便插编。
- * 在室温状态下, 耐工业浓酸、碱、氧化剂。
- * 抗紫外线、抗弯曲性能强。
- * 抗疲劳性能强, 绳索加载40% ~ 50% 循环加载10万次最终破断力不降低。
- * 耐低温: 零下43度性能不降低。

用途:

- * 广泛用于系泊、锚纜、起吊索具、拖索、国防军工用, 特海洋石油, 远洋运输等领域。



* High molecular weight polyethylene twelve strands of rope, the use of ultra-high molecular weight polyethylene (UHMPE) production, it is one of the highest strength of fiber in the world, adopt international advanced technology, the yarn resin processing manufacturing. But according to customer special requirements also can increase the polyester coating, further increase the wear resistance, improve the service life.

Features:

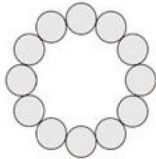
- * With high strength ratio and diameter of wire rope, the weight is only 15% of the strength of wire rope
- * Breaking elongation 2.8 ~ 3.9 excellent relaxation fatigue strength, 1000 times that of steel cable and nylon rope
- * Density of 0.97 g/cm³, less than water, float in water, soft, convenient plug
- * At room temperature, the industrial concentrated acid resistance, alkali, oxidant
- * Ultraviolet light resistance, resistance to bending performance
- * Fatigue resistance is strong, the rope load 40% ~ 50% cyclic loading 100000 times eventually breaking strength is not reduced
- * Resistance to low temperature: 43 degrees below zero performance is not reduced

Purpose:

- * Widely used for berthing and mooring line, the sling, towing, national defense, Marine oil, ocean transportation, and other fields

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
4	1/2	10	±10	2.5	0.67	16.0	1.63
6	1/4	24	±10	6.0	1.61	43.0	4.39
8	5/16	39	±10	9.7	2.62	67.3	6.86
10	13/32	62	±8	15.4	4.17	97.0	9.89
12	15/32	89	±8	22.0	5.98	134.0	13.67
14	9/16	121	±8	30.1	8.13	177.0	18.10
16	5/8	158	±5	39.3	10.62	230.0	23.46
18	23/32	201	±5	50.0	13.51	287.8	29.35
20	2-1/2	246	±5	61.0	16.53	353.0	36.00
22	2-3/4	307	±5	76.3	20.63	424.0	43.25
24	3	365	±5	90.7	24.53	500.0	51.00
28	3-1/2	500	±5	124.0	33.6	570	58.14
30	3-3/4	588	±5	130.0	45.2	636	64.0
32	4	620	±5	154.0	41.7	748	76.30
36	4-1/2	789	±5	196.0	53.0	947	96.59
40	5	948	±5	236.0	63.7	1172	119.54
44	5-1/2	1140	±5	283.0	76.6	1412	144.00
48	6	1370	±5	341.0	92.1	1675	170.85
52	6-1/2	1600	±5	398.0	107.5	1953	199.20
56	7	1830	±5	455.0	123.0	2250	229.00
60	7-1/2	2090	±5	520.0	140.5	2566	261.70
64	8	2360	±5	587.0	159.0	2900	295.80
72	9	2950	±5	733.0	198.3	3252	331.70



超分子量聚乙烯纤维包芯绳 Ultra-high molecular weight polyethylene fiber double braided rope

介绍:

* 高分子量聚乙烯十二股绳, 采用超分子量聚乙烯纤维 (UHMPE) 生产, 它是目前世界上强度最高的纤维之一, 采用国际先进技术, 芯绳十二股用进口树脂处理, 绳体编织涤纶保护层。

特征:

- * 强度高比同直径钢丝绳高, 重量只有同强度钢丝绳的15%。
- * 破断伸长率 2.8 ~ 3.9% 极佳的张弛疲劳强度, 是钢缆及尼龙绳的1000倍。
- * 密度低 0.97g/cm³, 比重低于水, 漂浮于水面上, 柔软、方便插编。
- * 在室温状态下, 耐工业浓酸、碱、氧化剂。
- * 抗紫外线、抗弯曲性能强。
- * 抗疲劳性能强, 绳索加载40% ~ 50% 循环加载10万次最终破断力不降低。
- * 耐低温: 零下43度性能不降低。

用途:

- * 主要用于系泊、锚纜、起吊索具、拖索、国防军工用, 特海洋石油, 远洋运输等领域。



Intruduction:

* Ultra-high molecular weight polyethylene fiber core-spun rope high molecular weight polyethylene twelve strands of rope, adopts the ultrahigh molecular weight polyethylene (UHMPE) production, it is one of the highest strength of fiber in the world, adopt international advanced technology, the core rope twelve with imported resin processing. Woven polyester cord body protection on the rope

Features:

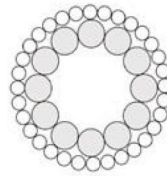
- * With high strength ratio and diameter of wire rope, the weight is only 15% of the strength of wire rope
- * Breaking elongation 2.8 ~ 3.9 excellent relaxation fatigue strength, 1000 times that of steel cable and nylon rope
- * Density of 0.97 g/cm³, less than water, float in water, soft, convenient plug
- * At room temperature, the industrial concentrated acid resistance, alkali, oxidant
- * Ultraviolet light resistance, resistance to bending performance
- * Fatigue resistance is strong, the rope load 40% ~ 50% cyclic loading 100000 times eventually breaking strength is not reduced
- * Resistance to low temperature: 43 degrees below zero performance is not reduced

Purpose:

- * Widely used for berthing and mooring line, the sling, towing, national defense, Marine oil, ocean transportation, and other fields

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
28	3-1/2	500	±5	124.0	33.6	570	58.14
32	4	620	±5	154.0	41.7	748	76.30
36	4-1/2	789	±5	196.0	53.0	947	96.59
40	5	948	±5	236.0	63.7	1172	119.54
44	5-1/2	1140	±5	283.0	76.6	1412	144.00
48	6	1370	±5	341.0	92.1	1675	170.85
52	6-1/2	1600	±5	398.0	107.5	1953	199.20
56	7	1830	±5	455.0	123.0	2250	229.00
60	7-1/2	2090	±5	520.0	140.5	2566	261.70
64	8	2360	±5	587.0	159.0	2900	295.80
72	9	2950	±5	733.0	198.3	3252	331.70
80	10	3590	±5	892.0	241.3	4399	448.70
88	11	4450	±5	1106.0	299.1	5238	534.28
96	12	5700	±5	1417.0	383.1	6130	625.26
104	13	7670	±5	1907.0	515.5	7070	721.14
112	14	8880	±5	1954.0	597.0	8058	822.00
120	15	10190	±5	2533.0	685.0	9083	926.47





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芳纶三股绳 Aramid 3 strands of rope

特征:

- * 芳纶密度 1.416g/cm³
- * 耐老化、耐辐射性能好
- * 断裂伸长率 1.5 - 4.4%
- * 耐高温, 48h/200℃, 强力保持90%
- * 耐海水腐蚀
- * 耐低温: 零下40度的温度, 对芳纶性能没有影响。
- * 阻燃性好, 燃烧时极限氧指数为28%-30%; 具有自熄性。
- * 耐酸、碱性能好, 在酸碱性为PH3 - PH9的无机溶液中芳纶强力不受损害。



Intruduction:

- * Fang round density of 1.416 g/cm³
- * Ageing resistance, resistance to radiation performance is good
- * Elongation at break of 1.5 to 4.4%
- * 48 h / 200 °C, high temperature resistance, strong keep 90%
- * Seawater corrosion
- * Low temperature resistant: 40 degrees below zero, has no effect on aromatic wheel performance
- * Good flame relardancy, burns the limit oxygen index was 28% - 30%; Has the self-extinguishing
- * Acid and alkali can be good, the inorganic solution for PH3 - PH9 aramid fiber strength

Purpose:

- * Mooring rope, widely used in chemical tanker, oil tanker mooring line, rowing antenna cable, click on the line, working in the high temperature, fire fighting, hoisting rigging, paratroopers, national defense scientific research, power engineering, paratroopers The national defense scientific research etc.

用途:

- * 广泛用于系泊缆, 化学品船、油船系泊缆, 赛艇天线拉索, 电机缆, 高温、消防、作业区吊装索具、伞兵索、国防科研、电力工程、伞兵索 国防科研等。

主要技术参数 Stereotype

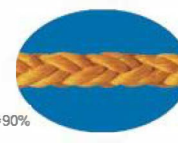
规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂强力 Breaking Strength	
直径 Dia	圆周 Cir (inch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
6	3/4	29	± 10	6.4	1.95	19	1.94
8	1	52	± 10	11.4	3.49	35	3.57
10	1-1/4	80	± 8	17.6	5.38	56	5.71
12	1-1/2	119	± 8	26.2	8.00	75	7.65
16	2	211	± 5	46.4	14.2	132	13.46
18	2-1/4	264	± 5	58.1	17.74	175	17.85
20	2-1/2	325	± 5	71.5	21.84	205	20.91
24	3	475	± 5	104.5	32.00	306	31.21
28	3-1/2	650	± 5	143.0	43.68	410	41.82
32	4	872	± 5	192.0	58.48	525	53.55
36	4-1/2	1070	± 5	235.4	72.00	656	66.91
40	5	1294	± 5	285.0	87.00	825	84.15



芳纶八股、十二股绳 Aramid 8、12 strands of rope

特征:

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- * 耐老化、耐辐射性能好
- * 断裂伸长率 1.5 - 4.4%
- * 耐高温, 48h/200℃, 强力保持90%
- * 耐海水腐蚀
- * 耐低温: 零下40度的温度, 对芳纶性能没有影响。
- * 阻燃性好, 燃烧时极限氧指数为28%-30%; 具有自熄性
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Features:

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用途:

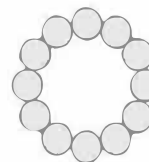
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Purpose:

- * Mooring rope, widely used in chemical tanker, oil tanker mooring line, rowing antenna cable, click on the line, working in the high temperature, fire fighting, hoisting rigging, paratroopers, national defense scientific research, power engineering, paratroopers The national defense scientific research etc.

主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂强力 Breaking Strength	
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6	1/4	30	± 5	6.6	2.0	22	2.5
8	5/16	52	± 5	11.4	3.5	36	3.8
10	13/32	81	± 5	17.8	5.4	58	5.9
12	15/32	120	± 5	26.4	8.1	78	8.0
16	5/8	212	± 5	46.4	14.2	135	13.8
18	23/32	265	± 5	58.3	17.8	177	18.1
20	13/16	328	± 5	72.2	22.0	212	21.6
24	15/16	480	± 5	105.6	32.3	310	31.6
28	1-1/8	653	± 5	143.7	44.0	415	42.3
32	4	870	± 5	191.4	58.5	517	52.73
36	4-1/2	1060	± 5	233.2	71.2	650	66.3
40	5	1305	± 5	287.0	87.7	803	81.90
44	5-1/2	1575	± 5	346.5	105.8	979	99.85
48	6	1880	± 5	413.6	126.3	1140	146.88
56	7	2560	± 5	563.2	172.0	1561	159.22
64	8	3350	± 5	737.0	225.0	2050	209.10
72	9	4245	± 5	934.0	285.3	2640	269.28
80	10	5233	± 5	1151.0	352.0	3190	325.38
88	11	6335	± 5	1394.0	426.0	3796	387.19
96	12	7550	± 5	1661.0	507.4	4420	450.84
110	13-3/4	9350	± 5	2057.0	628.4	5560	567.12





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芳纶三股绳 Aramid 3 strands of rope

特征:

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- * 耐老化、耐辐射性能好
- * 断裂伸长率1.5-4.4%
- * 耐高温, 48h/200℃, 强力保持90%
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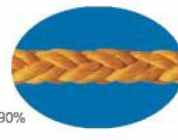
规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂强力 Breaking Strength	
直径 Dia	圆周 Cir(irinch)			KGS/220M 公斤/220米	LBS/100FT 磅/100英尺	KN	Ton
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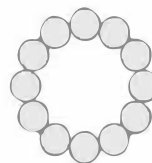
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主要技术参数 Stereotype

规格 (Size)		线密度 linear density ktex	标准公差 Standard tolerance %	重量 Weight		最低断裂强力 Breaking Strength	
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10	13/32	81	± 5	17.8	5.4	58	5.9
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64	8	3350	± 5	737.0	225.0	2050	209.10
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80	10	5233	± 5	1151.0	352.0	3190	325.38
88	11	6335	± 5	1394.0	426.0	3796	387.19
96	12	7550	± 5	1661.0	507.4	4420	450.84
110	13-3/4	9350	± 5	2057.0	628.4	5560	567.12





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超高分子量聚乙烯牵引绳 Ultra-high molecular weight polyethylene tow rope

特征:

* 承载绳采用超高分子量聚乙烯纤维制作，绳体采用高强度涤纶纱线编织保护层。
产品具有强度高、耐化学性、抗老化性、耐腐蚀性、耐疲劳性和柔软弯曲性，同时又耐水、耐湿、耐海水、抗震。

用途:

* 电缆牵引、吊装索具、风电、工矿企业、海洋石油、军工等



主要技术参数 Stereotype

Features:

* Carrying rope made of ultra-high molecular weight polyethylene fiber rope body USES the high strength polyester yarn woven protective layer. Product has high strength, chemistry resistance, aging resistance, abrasion resistance, fatigue resistance and soft and flexible, at the same time, water resistant, resistant to moisture, resistant to salt water

Purpose:

* seismic cable traction, lifting rigging, wind power, industrial and mining enterprises, ocean petroleum, military industry, etc

高强涤纶牵引绳 High strength polyester tow rope

特征:

* 涤纶牵引绳采用先进的制作工艺提高纱线的利用率内芯采用平行捻结构外层用捻制的纱线紧密编，插编处加热缩管保护。耐老化、抗霉菌、抗拉伸、刚性好，不易变形、耐腐性能好、使用寿命长。可根据客户要求绳索体编织芳纶增加耐高温、阻燃性能。

用途:

* 电缆牵引绳、船用抛锚绳、渡绳、吊装索具、风电、工矿企业、海洋石油、军工等



Features:

* Polyester traction rope adopts advanced production industry to improve the utilization rate of the yarn structure of parallel wire inner core outer layer made of twisted yarn closely, made up of heat shrink tubing protection. Ageing resistance, resistance to mold, tensile, good rigidity, not easy to deformation, good wear resistance, long service life. According to the customer request the rope body weaving aramid fiber increase high temperature resistant, flame retardant performance.

Purpose:

* Cable pulling on the rope. Marine cable, halyard, hoisting rigging, and wind power, industrial and mining enterprises, ocean petroleum, military industry, etc.

主要技术参数 Stereotype

芯直径 Core diameter	含保护层直径 Including cover diameter	绳密度 linear density	最小破断力 minimum breaking force	
			KN	Ton
(mm)	(mm)	ktex		
6	9	32	35	3.57
7	10	42	50	5.10
8	12	55	60	6.12
9	13	65	75	7.65
10	14	75	98	10.0
11	15	100	115	11.73
12	16	117	135	13.77
13	17	130	160	16.32
14	18	165	190	19.38
15	19	188	210	21.42
16	20	213	240	24.48
17	21	235	271	27.64
18	22	265	296	30.20
19	24	287	328	33.50
22	26	395	425	43.35
24	28	463	495	50.49

直径 (mm) diameter	绳密度 (ktex) linear density	最小长度 (m) Minimum length	最大长度 (m) maximum length	插编头长度 (mm) Eye splice length	最小破断力 minimum breaking force	
					KN	Ton
6	27	1.5	1500	250	6.3	0.643
8	48	1.5	1500	250	11.8	1.20
9	61	1.5	1500	250	14.8	1.51
10	76	1.5	1500	250	18.0	1.83
12	110	2.0	1500	300	25.5	2.60
14	148	2.0	1500	300	41.0	4.20
16	195	2.0	1500	350	60.9	6.21
18	245	2.0	1500	350	89.5	9.13
20	303	2.0	1500	400	113.0	11.53
22	367	2.5	1500	400	135.0	13.77
24	437	2	1500	400	170.0	17.34