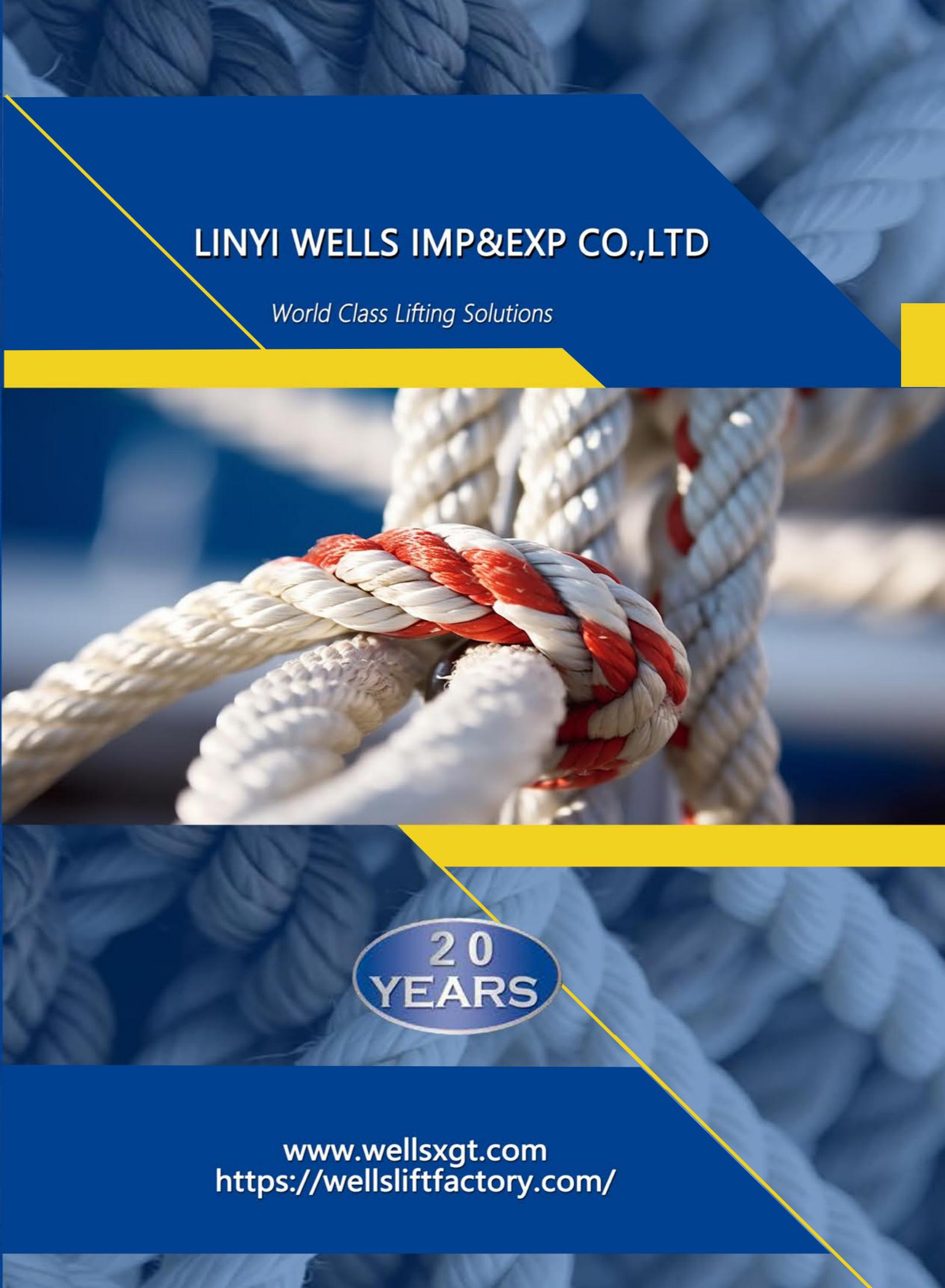




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A close-up, high-contrast photograph of several thick, textured ropes. One rope is prominently wrapped in red and white, while others are in shades of blue and white. The ropes are coiled and arranged in a complex, overlapping pattern against a dark, out-of-focus background.

LINYI WELLS IMP&EXP CO.,LTD

*World Class Lifting Solutions*



[www.wellsxgt.com](http://www.wellsxgt.com)  
<https://wellsliftfactory.com/>

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绳联四海

网系五洲





## 企业简介

### Company profile

The large-diameter rope manufacturing unit under Linyi WELLS Import and Export Co., Ltd. was established in 2016 and is affiliated to Xin Da Dianli Rope Manufacturing Factory in Huimin County. It began operations in 1996 and has been engaged in the chemical fiber rope net industry for over 20 years. Since 2016, the company has been dedicated to the research and development of new materials for chemical fiber ropes (cables). Ultra-high molecular weight polyethylene fibers, high-performance aramid fibers, carbon fibers, basalt fibers, high-performance polyester-PP blends (PET+PP), polyester (polyester PET), polyester amine (nylon PA), polypropylene (polypropylene PP), polyethylene (ethylene propylene PE), etc. have been developed for rope (cable) net products, and a system has been initially formed.

After more than 20 years of development, the company's independently developed and produced products cover four categories: "ropes, nets, wires, and belts". The application scope of new products covers 26 fields such as aerospace, ships and submarines, industrial hoisting, marine engineering, security and emergency, sports and outdoor activities, daily hardware, power engineering, agriculture, etc.

In 2019, the company was selected as the "Chairman Unit of the Rope (Cable) Network Branch of the China Industrial Textile Association". In the same year, the company was rated as a "Technology Innovation Enterprise Unit". Now, it has become a comprehensive rope (cable) network manufacturer integrating scientific research, production and manufacturing, rope network technical services, trade, rope network art and culture.

## 企业资质

### Enterprise qualification

In 2019, the company was honored as the "Chairman Unit of the Rope (Cable) Net Branch of the China Industrial Textile Association", a member unit of the Shandong Rope Net Chamber of Commerce, and a director unit of the Huimin County Rope Net Association. In the same year, the company was also recognized as a "Technology-based Innovative Enterprise Unit". Currently, it has become a comprehensive rope (cable) net manufacturer integrating scientific research, production and manufacturing, rope net technical services, trade, rope net art and culture.



# 企业文化

## corporate culture

Corporate culture is the core aspect of our company's development. It is established through various concepts such as the company's mission and vision, which includes: the company's mission, vision, spirit, service philosophy, corporate style, and business philosophy.

### 核心价值观 CORE VALUES

Honesty, Quality, Responsibility

The core values of the company are the fundamental beliefs deeply rooted in our hearts. They are the driving force that has enabled Pengheng to reach where it is today, and they are also our common commitment for the future. They ensure that we uphold integrity, build reputation through quality, and set long-term goals through responsibility.

#### Build trust through honesty

1. Hold a sincere heart and warmly receive every customer;
2. Listen to the voices of customers, understand their needs, and meet their demands to the greatest extent. In the sincere cooperation with customers, seek common development;
3. Base actions on honesty as the guiding principle, and become a globally trusted brand that customers can trust

#### Build reputation based on quality

1. Quality is the lifeblood of an enterprise;
2. Our products have passed quality inspections by shipping companies and institutions both at home and abroad, and we are committed to standardized and regulated management in accordance with ISO9001;
3. We adhere to the principle of high-quality products as our code of conduct, becoming an outstanding industrial and trading enterprise, and earning the recognition of customers and the affirmation of the industry.

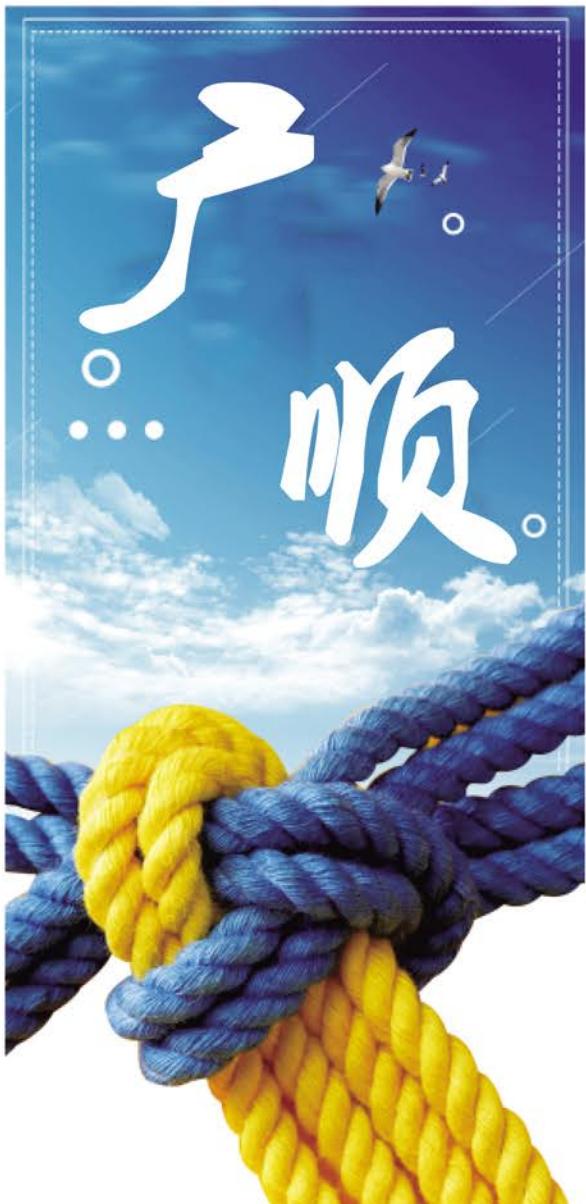
#### Establishing a long-term vision through responsibility

1. Love your job, be diligent and practical, be meticulous, and be a responsible person like Pu Heng
2. Have a high sense of responsibility towards society and keep up with the times by constantly developing rope products with high market adaptability to meet the needs of the times
3. Drive the company's continuous development through high self-demand and a sense of social responsibility

### 企业核心理念 CORE BUSINESS PHILOSOPHY

Establishing classics, moving forward steadily

These eight words embody the rich cultural connotations of the enterprise, conveying the concept of adhering to inheritance and innovation while emphasizing commitment and integrity on the path of continuous exploration in the rope industry. Each step forward represents a new starting point for steady development. It emphasizes stability, focuses on health, and highlights the health of the enterprise's development, the health of social development, and the health of employee development. This not only demonstrates the social responsibility that the enterprise should undertake, but also reflects the corporate culture of employees being responsible, accountable, and positive. The enterprise operates scientifically and pursues quality. The modern enterprise governance model has an advanced and sound management system, a people-oriented view of talent development, reflecting our emphasis on operation, quality, creating brands, and the core concept of professional enterprise development with a long-term vision. Ultimately, it achieves the enterprise's grand development goals and remains enduringly fresh.



### 企业愿景 CORPORATE VISION

Become the most trusted, rope-based quality service provider and lead the global rope industry in customer satisfaction.

### 服务理念 SERVICE CONCEPT

Be honest, focus on quality, put customers first, provide excellent service

### 经营理念 BUSINESS PHILOSOPHY

Win-win: Employees, shareholders, partners work together, create value for customers

Longevity: Focus on the future and sustain operations

Excellence: Excellence is our goal of striving for

### 企业使命 CORPORATE MISSION

Focus on high-quality rope solutions and strive to build a century-old classic enterprise

### 企业精神 ENTERPRISE SPIRIT

Loyalty, kindness, diligence, and ambition

### 企业作风 ENTERPRISE STYLE

Proactive service: Try to meet customers' reasonable demands  
Pragmatic and realistic: Use genuine materials to produce high-quality products

Concentrated and dedicated: Continuously enhance the innovation ability of the enterprise  
Quick response: Respond to market demands with high efficiency

## 超高分子量聚乙烯缆绳 UHMWPE ROPE

### 结构: 8/12股

本产品采用超高分子量聚乙烯纤维制成，具有优秀的抗紫外线和抗氧化性，极好的抗弯曲强度和抗疲劳性能。

#### 特点:

1. 直径小，同等破断力时，直径为其它纤维绳索的40%~60%。
2. 质量轻，同等破断力时，缆绳重量为钢缆的1/8，其它纤维绳索的15%~30%。
3. 强度高，同等直径时，强度与钢缆相同。

#### 应用:

国防军工、航空航天、远洋船舶、石油平台、港口拖带、大型集装箱船、超级游轮 (VLCC)、特殊电力通讯、体育器材等。

mm	Dia		Circ.		Weight		Unspliced MBL		Spliced MBL	
	inch	inch	kg/100m	lbs/100ft	ton	kN	ton	kN	ton	kN
6	1/4	3/4	2.3	1.5	4.1	40	3.7	36		
8	5/16	15/16	4.0	2.7	7.0	69	6.3	62		
10	3/8	1-1/8	6.1	4.1	10.7	105	9.7	95		
12	1/2	1-1/2	8.7	5.8	15.3	150	13.8	135		
14	9/16	1-3/4	11.7	7.8	20.4	200	18.4	180		
16	5/8	2	15.1	10.1	26.0	255	23.5	230		
18	3/4	2-1/4	19.0	12.7	32.1	315	29.1	285		
20	13/16	2-1/2	23.2	15.6	38.8	380	34.7	340		
22	7/8	2-3/4	28.1	18.8	45.9	450	41.3	405		
24	1	3	33.1	22.2	53.1	520	48.0	470		
26	1-1/16	3-1/4	38.4	25.8	61.2	600	55.1	540		
28	1-1/8	3-1/2	44.5	29.8	69.9	685	62.8	615		
30	1-1/4	3-3/4	50.6	33.9	79.1	775	71.4	700		
32	1-5/16	4	57.5	38.6	88.3	865	79.6	780		
36	1-1/2	4-1/2	72.0	48.3	109.2	1070	98.5	965		
40	1-5/8	5	88.1	59.1	131.1	1285	117.9	1155		
44	1-3/4	5-1/2	106.0	71.1	155.6	1525	140.3	1375		
48	2	6	125.0	83.8	181.1	1775	163.3	1600		
52	2-1/8	6-1/2	146.0	97.9	208.7	2045	187.8	1840		
56	2-1/4	7	169.0	113.4	237.8	2330	213.8	2095		
60	2-1/2	7-1/2	193.0	129.5	268.9	2635	241.8	2370		
64	2-5/8	8	220.0	147.6	301.0	2950	270.9	2655		
68	2-3/4	8-1/2	248.0	166.3	335.2	3285	301.5	2955		
72	3	9	278.0	186.5	370.9	3635	333.7	3270		
76	3-1/8	9-1/2	309.0	207.3	408.2	4000	367.3	3600		
80	3-1/4	10	343.0	230.1	446.4	4375	402.0	3940		
88	3-5/8	11	417.0	279.7	528.6	5180	475.5	4660		
96	4	12	497.0	333.4	616.3	6040	554.6	5435		
100	4-1/8	12-1/2	515.1	345.5	662.8	6495	596.4	5845		
104	4-1/4	13	555.5	372.6	710.2	6960	639.3	6265		
108	4-1/2	13-1/2	597.3	400.6	759.2	7440	683.2	6695		
112	4-5/8	14	640.4	429.5	809.7	7935	728.6	7140		
116	4-3/4	14-1/2	685.4	459.7	861.2	8440	775.0	7595		
120	5	15	731.6	490.7	914.3	8960	823.0	8065		

## 超高分子量聚乙烯高强涤纶绳 UHMWPE & High Tenacity Polyester

### 结构: 聚酯外护套和12股HMPE内护套

这种结构是非旋转和无扭矩的结构，绳索不会扭结，圆形牢固的结构使绳索具有良好的抓地力。编织护套增强绳索具有优异的耐磨性。

#### 特点:

比重: 0.97~1.09g/cm<sup>3</sup>

熔点: 260°C/145°C

断裂伸长率: 5%

耐磨性: 非常好耐

化学性: 非常好抗

紫外线: 非常好

吸水率: 0%

干湿强度比: 干≈湿

#### 应用:

达维特

吊索

拖船主线

系泊缆

绞盘生产线

通用工作线

mm	Dia		Circ.		Weight		Unspliced MBL		Spliced MBL	
	inch	inch	kg/100m	lbs/100ft	ton	kN	ton	kN	ton	kN
20	13/16	2-1/2	25.9	17.4	27.7	271	24.9	244		
22	7/8	2-3/4	31.3	21.0	34.8	341	31.3	307		
24	1	3	36.7	24.6	41.0	402	36.9	362		
26	1-1/16	3-1/4	43.2	29.0	48.1	471	43.3	424		
28	1-1/8	3-1/2	49.7	33.3	56.0	549	50.4	494		
30	1-1/4	3-3/4	57.2	38.4	65.0	637	58.5	573		
32	1-5/16	4	64.8	43.5	75.1	736	67.6	662		
36	1-1/2	4-1/2	83.2	55.8	93.1	912	83.8	821		
40	1-5/8	5	101.5	68.1	116.3	1140	105.1	1030		
44	1-3/4	5-1/2	124.2	83.3	140.8	1380	126.5	1240		
48	2	6	146.9	98.5	164.3	1610	148.0	1450		
52	2-1/8	6-1/2	172.8	115.9	195.9	1920	176.5	1730		
56	2-1/4	7	199.8	134.0	223.5	2190	201.0	1970		
60	2-1/2	7-1/2	229.0	153.6	257.1	2520	231.6	2270		
64	2-5/8	8	259.2	173.9	293.9	2880	264.3	2590		
68	2-3/4	8-1/2	293.8	197.0	332.7	3260	299.0	2930		
72	3	9	331.6	222.4	370.4	3630	333.7	3270		
76	3-1/8	9-1/2	367.2	246.3	410.2	4020	369.4	3620		
80	3-1/4	10	405.0	271.6	460.2	4510	414.3	4060		
88	3-5/8	11	486.0	326.0	545.9	5350	491.8	4820		
96	4	12	572.4	383.9	640.8	6280	576.5	5650		

## 超高分子量聚乙烯

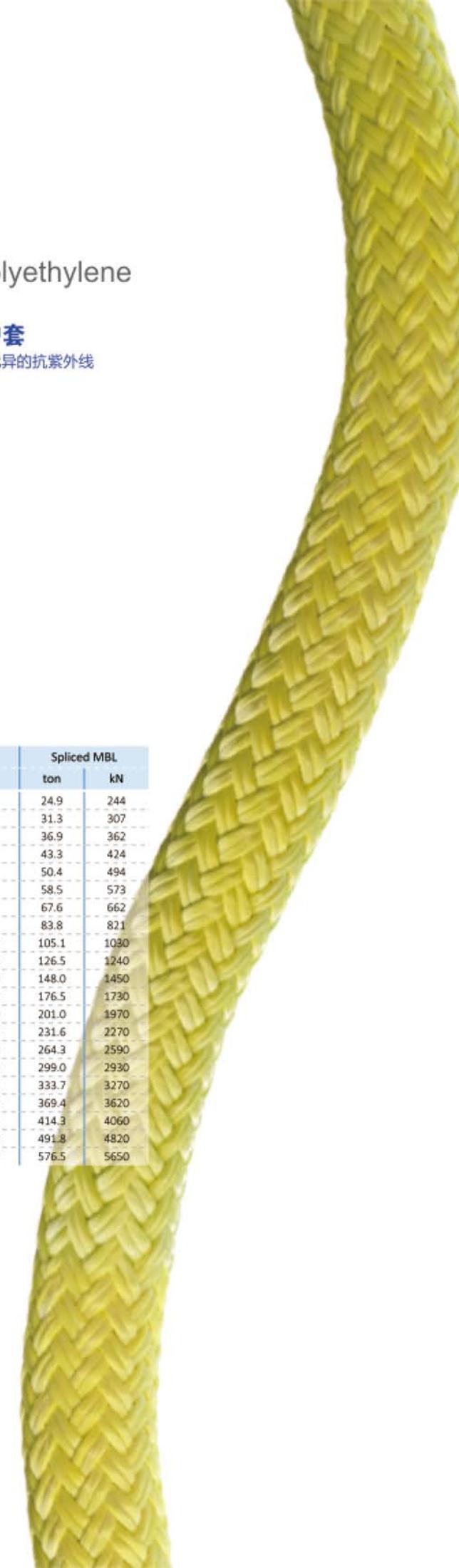
Ultra High Molecular Weight Polyethylene

### 结构: HMPE外护套和12股HMPE内护套

这种组合使绳索具有极高的强度和低拉伸性编织夹克具有优异的抗紫外线和化学物质性能,更耐磨,卓越的抓握性能和无扭矩结构。

**特点:**  
 比重: 0.97g/cm<sup>3</sup>  
 熔点: 145°C  
 断裂伸长率: < 4%  
 耐磨性: 非常好  
 耐化学性: 非常好  
 抗紫外线: 非常好  
 吸水率: 0%  
 干湿强度比: 100%

**应用:**  
 达维特  
 吊索  
 拖船主线  
 系泊缆  
 绞盘生产线  
 通用工作线



## 超高分子量聚乙烯高韧性聚酯混合

UHMWPE & High Tenacity Polyester Mixed

### 结构: 8/12股

采用超高分子量聚乙烯和高韧性聚酯混合纤维,经过特殊处理,非常高的断裂强度和重量轻,使绳索有极强的抓地力和良好耐磨性。

**特点:**  
 比重: 0.97~1.09g/cm<sup>3</sup>  
 熔点: 260°C/145°C  
 断裂伸长率: 5%  
 耐磨性: 非常好耐  
 化学性: 非常好抗  
 紫外线: 非常好  
 吸水率: 0%  
 干湿强度比: 干≈湿

**应用:**  
 达维特  
 吊索  
 拖船主线  
 系泊缆  
 绞盘  
 生产线  
 通用工作线

mm	Dia		Circ.		Weight		Unspliced MBL		Spliced MBL	
	mm	inch	inch	kg/100m	lbs/100ft	ton	kN	ton	kN	
20	13/16	2-1/2	24.0	16.1	27.7	271	24.9	244		
22	7/8	2-3/4	29.0	19.5	34.8	341	31.3	307		
24	1	3	34.0	22.8	41.0	402	36.9	362		
26	1-1/16	3-1/4	40.0	26.8	48.1	471	43.3	424		
28	1-1/8	3-1/2	46.0	30.9	56.0	549	50.4	494		
30	1-1/4	3-3/4	53.0	35.5	65.0	637	58.5	573		
32	1-5/16	4	60.0	40.2	75.1	736	67.6	662		
36	1-1/2	4-1/2	77.0	51.6	93.1	912	83.8	821		
40	1-5/8	5	94.0	63.0	116.3	1140	105.1	1030		
44	1-3/4	5-1/2	115.0	77.1	140.8	1380	126.5	1240		
48	2	6	136.0	91.2	164.3	1610	148.0	1450		
52	2-1/8	6-1/2	160.0	107.3	195.9	1920	176.5	1730		
56	2-1/4	7	185.0	124.1	223.5	2190	201.0	1970		
60	2-1/2	7-1/2	212.0	142.2	257.1	2520	231.6	2270		
64	2-5/8	8	240.0	161.0	293.9	2880	264.3	2590		
68	2-3/4	8-1/2	272.0	182.4	332.7	3260	299.0	2930		
72	3	9	307.0	205.9	370.4	3630	333.7	3270		
76	3-1/8	9-1/2	340.0	228.0	410.2	4020	369.4	3620		
80	3-1/4	10	375.0	251.5	460.2	4510	414.3	4060		
88	3-5/8	11	450.0	301.8	545.9	5350	491.8	4820		
96	4	12	530.0	355.5	640.8	6280	576.5	5650		

mm	Dia		Circ.		Weight		Unspliced MBL		Spliced MBL	
	mm	inch	inch	kg/100m	lbs/100ft	ton	kN	ton	kN	
16	5/8	2	11.3	7.6	13.5	133	12.3	121		
18	3/4	2-1/4	18.7	12.5	21.8	213	19.8	194		
22	7/8	2-3/4	25.0	16.8	29.0	285	26.4	259		
24	1	3	32.1	21.5	38.0	372	34.5	338		
28	1-1/8	3-1/2	39.3	26.4	46.8	458	42.5	417		
30	1-1/4	3-3/4	48.7	32.7	59.3	581	53.9	528		
32	1-5/16	4	50.9	34.1	63.4	621	57.6	564		
36	1-1/2	4-1/2	67.7	45.4	83.9	823	76.3	748		
40	1-5/8	5	78.4	52.6	97.9	959	89.0	872		
44	1-3/4	5-1/2	91.7	61.5	115.5	1132	105.0	1029		
48	2	6	116.0	77.8	149.6	1466	136.0	1333		
52	2-1/8	6-1/2	133.0	89.2	171.6	1682	156.0	1529		
56	2-1/4	7	146.0	97.9	187.0	1833	170.0	1666		
60	2-1/2	7-1/2	183.0	122.7	243.1	2382	221.0	2166		
64	2-5/8	8	199.0	133.5	265.1	2598	241.0	2362		
68	2-3/4	8-1/2	217.0	145.5	292.6	2867	266.0	2607		
72	3	9	259.0	173.7	349.8	3428	318.0	3116		
80	3-1/4	10	305.0	204.6	415.8	4075	378.0	3704		

## 超高耐热性芳纶

Excellent Heat Resistance Aramid

### 结构: 8/12股

它是适用于极端高温工作条件、高温和弯曲疲劳的最佳绳索阻力，通过滑轮和绞盘表现非常好。

#### 特点:

比重: 1.44g/cm<sup>3</sup>  
熔点: 450°C ~ 500°C  
断裂伸长率: < 3%  
耐磨性: 良好  
耐化学性: 非常好  
抗紫外线: 正常  
吸水率: 4%  
干湿强度比: 干 > 湿

#### 应用:

绞盘生产线  
控制线  
吊索



## 高韧度聚酰胺

High Tenacity Polyamide

### 结构: 双编织

双编织绳是非旋转和无扭矩结构，绳索不会扭结、圆整、牢固的结构使绳索具有良好的抓地力。同样为双编织结构非常灵活，增强绳索的强度和耐磨性。

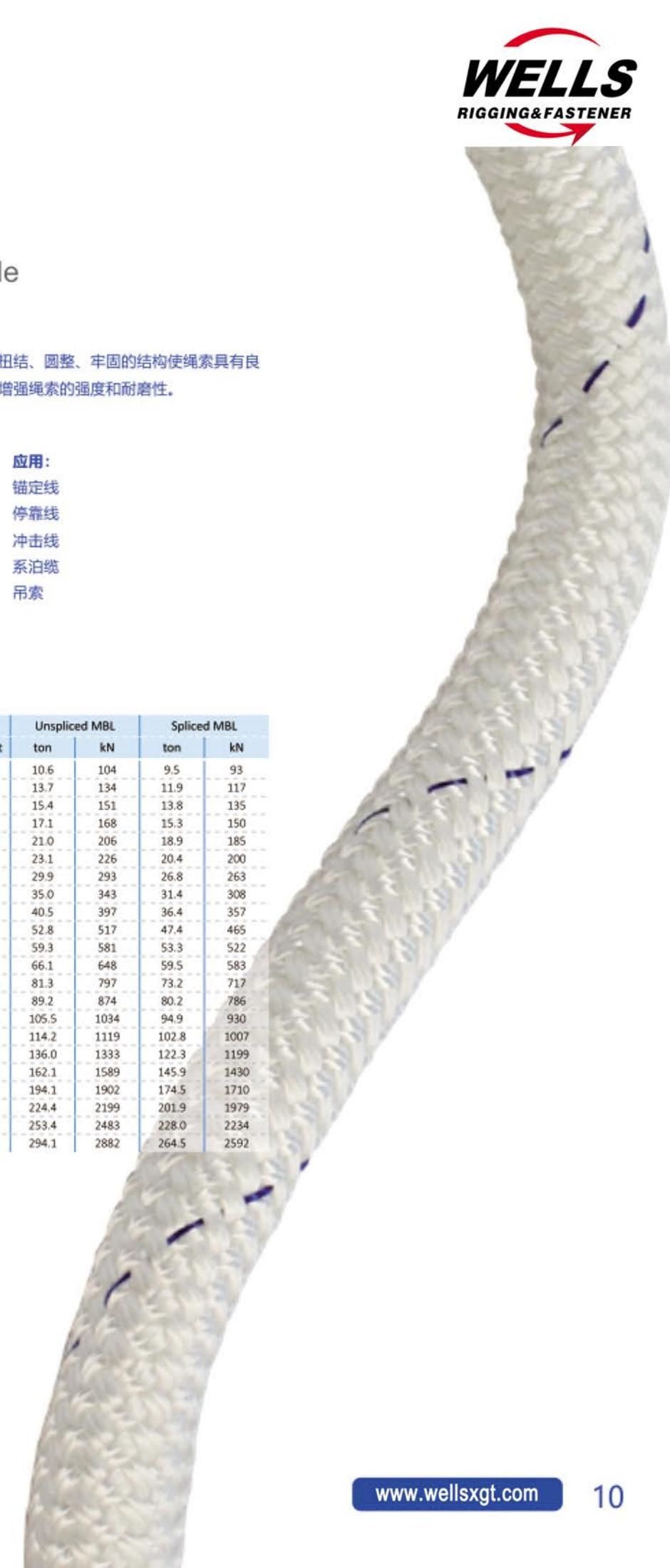
#### 特点:

比重: 1.14g/cm<sup>3</sup>  
熔点: 215°C  
断裂伸长率: 30%~35%  
耐磨性: 非常好  
耐化学性: 非常好  
抗紫外线: 非常好  
吸水率: 4%  
干湿强度比: 干 > 湿

#### 应用:

锚定线  
停靠线  
冲击线  
系泊缆  
吊索

mm	inch	Dia		Circ.		Weight		Unspliced MBL		Spliced MBL		Circ.		Weight		Unspliced MBL		Spliced MBL	
		mm	inch	kg/100m	lbs/100ft	ton	kN	ton	kN	ton	kN	inch	kg/100m	lbs/100ft	ton	kN	ton	kN	
6	1/4	3/4	2.9	2.0	2.6	25	2.3	23				2-3/4	30.4	20.4	10.6	104	9.5	93	
8	5/16	15/16	5.2	3.5	4.6	45	4.2	41				3	39.6	26.6	13.7	134	11.9	117	
10	3/8	1-1/8	8.1	5.4	7.4	73	6.7	66				3-1/4	44.6	29.9	15.4	151	13.8	135	
12	1/2	1-1/2	11.6	7.8	10.1	99	9.2	90				50.0	33.5	17.1	168	15.3	150		
16	5/8	2	20.7	13.9	17.6	172	15.9	156				61.8	41.5	21.0	206	18.9	185		
18	3/4	2-1/4	26.2	17.6	23.2	227	21.0	206				4	68.0	45.6	23.1	226	20.4	200	
20	13/16	2-1/2	32.5	21.8	27.7	271	25.1	246				4-1/2	88.8	59.6	29.9	293	26.8	263	
24	1	3	46.5	31.2	41.4	406	37.7	369				5	104.2	69.9	35.0	343	31.4	308	
28	1-1/8	3-1/2	63.2	42.4	57.8	566	52.6	515				5-1/2	120.5	80.8	40.5	397	36.4	357	
32	1-5/16	4	82.8	55.5	72.7	712	66.0	647				6	157.7	105.8	52.8	517	47.4	465	
36	1-1/2	4-1/2	105.0	70.4	78.4	768	71.2	698				6-1/2	178.6	119.8	59.3	581	53.3	522	
40	1-5/8	5	129.0	86.5	96.3	944	87.6	858				7	199.4	133.7	66.1	648	59.5	583	
44	1-3/4	5-1/2	157.0	105.3	117.3	1150	106.1	1040				7-1/2	245.6	164.7	81.3	797	73.2	717	
48	2	6	186.0	124.8	138.8	1360	126.5	1240				8	269.4	180.7	89.2	874	80.2	786	
52	2-1/8	6-1/2	219.0	146.9	163.3	1600	148.0	1450				8-1/2	322.9	216.6	105.5	1034	94.9	930	
56	2-1/4	7	254.0	170.4	189.8	1860	172.4	1690				9	352.7	236.6	114.2	1119	102.8	1007	
60	2-1/2	7-1/2	291.0	195.2	217.3	2130	196.9	1930				10	428.6	287.5	136.0	1333	122.3	1199	
64	2-5/8	8	331.0	222.0	246.9	2420	224.5	2200				11	513.4	344.4	162.1	1589	145.9	1430	
72	3	9	419.0	281.0	312.2	3060	283.7	2780				12	625.0	419.2	194.1	1902	174.5	1710	
80	3-1/4	10	518.0	347.4	386.7	3790	351.0	3440				13	726.2	487.1	224.4	2199	201.9	1979	
88	3-5/8	11	627.0	420.5	467.3	4580	424.5	4160				14	834.9	560.0	253.4	2483	228.0	2234	
96	4	12	746.0	500.4	556.1	5450	506.1	4960				15	976.3	654.8	294.1	2882	264.5	2592	
104	4-1/4	13	875.0	586.9	653.1	6400	593.9	5820											
108	4-1/2	13-1/2	935.0	627.1	678.5	6649	622.4	6100											
112	4-5/8	14	1005.0	674.1	732.7	7180	673.5	6600											
116	4-3/4	14-1/2	1080.0	724.4	785.7	7700	724.5	7100											
120	5	15	1152.0	772.7	831.6	8150	765.3	7500											



## 高强涤纶

High Tenacity Polyester

### 结构：双编织

在所有纤维中，聚酯在耐候性方面处于领先地位，有优异的耐磨性和强度。良好的抗紫外线能力。这种绳索具有出色的抓握性能。

**特点：**  
比重：1.38~1.44g/cm<sup>3</sup>  
熔点：250~260°C  
断裂伸长率：20%~30%  
耐磨性：非常好  
耐化学性：非常好  
抗紫外线：非常好  
吸水率：0.4%  
干湿强度比：干>湿

**应用：**  
绞盘生产线  
控制线  
吊索



### 特点：

比重：1.14g/cm<sup>3</sup>  
熔点：215°C  
断裂伸长率：15%~28%  
耐磨性：非常好  
耐化学性：非常好  
抗紫外线：非常好  
吸水率：4%  
干湿强度比：干>湿

## 高韧度聚酰胺

High Tenacity Polyamide

### 结构：3/8/12股

该绳索由聚酰胺纤维制成，具有良好的减震能力，适用范围广，多用于船舶拖曳。



### 应用：

锚定线  
停靠线  
冲击线  
系泊缆  
吊索

mm	inch	inch	Weight		8-Strand				12-Strand			
			kg/100m	lbs/100ft	Unspliced MBL	Spliced MBL						
12	1/2	1-1/2	9.0	6.0	3.1	30	2.8	27	3.2	32	2.9	28
16	5/8	2	16.0	10.7	5.4	53	4.9	48	5.7	56	5.1	50
20	13/16	2-1/2	25.0	16.8	8.2	80	7.3	72	8.7	85	7.8	77
24	1	3	36.0	24.1	11.4	112	10.3	101	12.0	118	10.8	106
28	1-1/8	3-1/2	49.0	32.9	15.3	150	13.8	135	16.3	160	14.7	144
30	1-1/4	3-3/4	56.0	37.6	17.3	170	15.6	153	18.4	180	16.5	162
32	1-5/16	4	64.0	42.9	20.4	200	18.4	180	21.6	212	19.5	191
36	1-1/2	4-1/2	81.0	54.3	25.5	250	23.0	225	27.0	265	24.4	239
40	1-5/8	5	100.0	67.1	30.6	300	27.6	270	32.1	315	29.0	284
44	1-3/4	5-1/2	121.0	81.2	36.2	355	32.7	320	38.3	375	34.5	338
48	2	6	144.0	96.6	43.4	425	39.1	383	45.9	450	41.3	405
52	2-1/8	6-1/2	170.0	114.0	51.0	500	45.9	450	54.1	530	48.7	477
56	2-1/4	7	197.0	132.1	57.1	560	51.4	504	61.2	600	55.1	540
60	2-1/2	7-1/2	226.0	151.6	64.3	630	57.9	567	68.4	670	61.5	603
64	2-5/8	8	257.0	172.4	72.4	710	65.2	639	76.5	750	68.9	675
72	3	9	325.0	218.0	91.8	900	82.7	810	96.9	950	87.2	855
80	3-1/4	10	401.0	269.0	114.3	1120	102.9	1008	120.4	1180	108.4	1062
88	3-5/8	11	486.0	326.0	134.7	1320	121.2	1188	142.9	1400	128.6	1260
96	4	12	578.0	387.7	163.3	1600	146.9	1440	173.5	1700	156.1	1530
104	4-1/4	13	678.0	454.8	183.7	1800	165.3	1620	193.9	1900	174.5	1710
112	4-5/8	14	787.0	527.9	216.3	2120	194.7	1908	228.6	2240	205.7	2016
120	5	15	903.0	605.7	240.8	2360	216.7	2124	255.1	2500	229.6	2250
128	5-1/4	16	1010.0	677.4	270.4	2650	243.4	2385	285.7	2800	257.1	2520
136	5-5/8	17	1160.0	778.0	306.1	3000	275.5	2700	321.4	3150	289.3	2835
144	6	18	1300.0	872.0	341.8	3350	307.7	3015	362.2	3550	326.0	3195
160	6-5/8	20	1610.0	1079.9	433.7	4250	390.3	3825	459.2	4500	413.3	4050

### DURA-PA 3

mm	inch	inch	Weight		Unspliced MBL		Spliced MBL	
			kg/100m	lbs/100ft	ton	kN	ton	kN
12	1/2	1-1/2	9.4	6.3	2.9	28	2.6	25
14	9/16	1-3/4	11.9	8.0	3.6	36	3.3	32
16	5/8	2	14.7	9.9	4.5	44	4.0	40
18	3/4	2-1/4	21.3	14.3	6.5	63	5.8	57
22	7/8	2-3/4	29.0	19.5	8.7	85	7.8	77
24	1	3	37.7	25.3	11.2	110	10.1	99
26	1-1/16	3-1/4	42.7	28.6	12.7	124	11.4	112
28	1-1/8	3-1/2	47.9	32.1	14.3	140	12.9	126
30	1-1/4	3-3/4	59.1	39.6	17.6	172	15.8	155
32	1-5/16	4	65.0	43.6	19.3	189	17.3	170
36	1-1/2	4-1/2	84.8	56.9	24.5	240	22.0	216
40	1-5/8	5	100.2	67.2	28.9	283	26.0	255
44	1-3/4	5-1/2	116.0	77.8	33.3	327	30.0	294
48	2	6	149.0	99.9	42.6	418	38.4	376
52	2-1/8	6-1/2	168.0	112.7	48.1	471	43.3	424
56	2-1/4	7	189.0	126.8	54.0	529	48.6	476
60	2-1/2	7-1/2	234.0	157.0	66.2	649	59.6	584
64	2-5/8	8	258.0	173.0	72.7	712	65.4	641
68	2-3/4	8-1/2	310.0	207.9	86.3	846	77.7	761
72	3	9	336.0	225.4	93.5	917	84.2	825
80	3-1/4	10	409.0	274.3	113.0	1108	101.7	997
88	3-5/8	11	484.0	324.6	124.7	1222	112.2	1100
96	4	12	576.0	386.3	136.1	1333	122.4	1200
100	4-1/8	12-1/12	625.0	419.2	142.4	1396	128.2	1256

## 高强涤纶

High Tenacity Polyester

结构: 3/8/12股

高韧性聚酯纤维使绳索具有很好的断裂强度和最好的耐久性, 广泛应用于系泊行业。

Dia		Circ.	Weight		8-Strand				12-Strand			
mm	inch		inch	kg/100m	lbs/100ft	Unspliced MBL	Spliced MBL	Unspliced MBL	Spliced MBL	Unspliced MBL	Spliced MBL	Unspliced MBL
12	1/2	1-1/2	10.9	7.3	2.6	26	2.4	23	2.9	29	2.7	26
16	5/8	2	19.4	13.0	4.6	45	4.2	41	4.9	48	4.5	44
20	13/16	2-1/2	30.4	20.4	7.2	71	6.6	64	7.7	76	7.0	69
24	1	3	43.7	29.3	10.3	101	9.4	92	11.0	108	10.0	98
28	1-1/8	3-1/2	59.5	39.9	13.5	132	12.3	120	14.6	143	13.3	130
30	1-1/4	3-3/4	68.3	45.8	15.1	148	13.7	135	16.3	160	14.8	145
32	1-5/16	4	77.7	52.1	17.2	168	15.6	153	18.5	182	16.8	165
36	1-1/2	4-1/2	98.4	66.0	21.8	213	19.8	194	23.6	231	21.4	210
40	1-5/8	5	121.0	81.2	27.0	265	24.6	241	28.6	281	26.0	255
44	1-3/4	5-1/2	147.0	98.6	32.1	314	29.1	286	34.9	342	31.7	311
48	2	6	175.0	117.4	38.4	376	34.9	342	41.0	402	37.2	365
52	2-1/8	6-1/2	205.0	137.5	45.8	449	41.6	408	49.4	484	44.9	440
56	2-1/4	7	238.0	159.6	51.5	505	46.8	459	55.0	539	50.0	490
60	2-1/2	7-1/2	273.0	183.1	57.2	561	52.0	510	61.2	600	55.6	545
64	2-5/8	8	311.0	208.6	64.1	628	58.3	571	69.6	682	63.3	620
72	3	9	393.0	263.6	81.3	797	73.9	724	86.4	847	78.6	770
80	3-1/4	10	486.0	326.0	103.0	1010	93.7	918	110.0	1078	100.0	980
88	3-5/8	11	588.0	394.4	121.4	1189	110.3	1081	129.1	1265	117.3	1150
96	4	12	699.0	468.8	143.1	1403	130.1	1275	151.5	1485	137.8	1350
104	4-1/4	13	821.0	550.7	171.7	1683	156.1	1530	185.2	1815	168.4	1650
112	4-5/8	14	952.0	638.5	194.6	1907	176.9	1734	207.7	2035	188.8	1850
120	5	15	1090.0	731.1	217.5	2132	197.8	1938	230.1	2255	209.2	2050
128	5-1/4	16	1240.0	831.7	256.5	2513	233.1	2285	269.4	2640	244.9	2400
136	5-5/8	17	1400.0	939.0	286.2	2805	260.2	2550	303.1	2970	275.5	2700
144	6	18	1570.0	1053.0	320.6	3142	291.4	2856	352.0	3450	316.3	3100
160	6-5/8	20	1940.0	1301.2	383.5	3759	348.7	3417	413.3	4050	372.4	3650

特点:

比重: 1.38~1.44g/cm<sup>3</sup>

熔点: 250~260°C

断裂伸长率: 12%~21%

耐磨性: 非常好

耐化学性: 非常好

抗紫外线: 非常好

吸水率: 0.4%

干湿强度比: 干≈湿

应用:

系泊缆

工作线

吊索

冲击线

## 高韧性聚丙烯

High Tenacity Polypropylene

结构: 3/8/12股

重量轻, 易于操作, 在潮湿或干燥时可以保持相同强度。

Dia		Circ.	Weight		8-Strand				12-Strand			
mm	inch		inch	kg/100m	lbs/100ft	Unspliced MBL	Spliced MBL	Unspliced MBL	Spliced MBL	Unspliced MBL	Spliced MBL	Unspliced MBL
12	1/2	1-1/2	6.5	4.4	2.2	21	1.9	19	2.3	22	2.1	20
16	5/8	2	11.6	7.8	3.4	34	3.1	30	3.6	36	3.3	32
20	13/16	2-1/2	18.1	12.1	5.4	53	4.9	48	5.7	56	5.1	50
24	1	3	26.0	17.4	7.7	75	6.9	68	8.2	80	7.3	72
28	1-1/8	3-1/2	35.4	23.7	10.2	100	9.2	90	10.8	106	9.7	95
30	1-1/4	3-3/4	40.7	27.3	11.4	112	10.3	101	12.0	118	10.8	106
32	1-5/16	4	46.3	31.1	13.5	132	12.1	119	14.3	140	12.9	126
36	1-1/2	4-1/2	58.6	39.3	16.3	160	14.7	144	17.3	170	15.6	153
40	1-5/8	5	72.3	48.5	20.4	200	18.4	180	21.4	210	19.3	189
44	1-3/4	5-1/2	87.5	58.7	24.1	236	21.6	212	25.5	250	23.0	225
48	2	6	104.0	69.8	28.6	280	25.7	252	30.6	300	27.6	270
52	2-1/8	6-1/2	122.0	81.8	34.2	335	30.8	302	36.2	355	32.7	320
56	2-1/4	7	142.0	95.2	38.3	375	34.5	338	40.8	400	36.7	360
60	2-1/2	7-1/2	163.0	109.3	43.4	425	39.1	383	45.9	450	41.3	405
64	2-5/8	8	185.0	124.1	48.5	475	43.7	428	51.0	500	45.9	450
72	3	9	234.0	157.0	61.2	600	55.1	540	64.3	630	57.9	567
80	3-1/4	10	289.0	193.8	76.5	750	68.9	675	81.6	800	73.5	720
88	3-5/8	11	350.0	234.8	91.8	900	82.7	810	96.9	950	87.2	855
96	4	12	417.0	279.7	108.2	1060	97.3	954	114.3	1120	102.9	1008
104	4-1/4	13	489.0	328.0	127.6	1250	114.8	1125	134.7	1320	121.2	1188
112	4-5/8	14</td										

## 高韧度聚酰胺 High Tenacity Polyamide

### 结构: 6股

6股结构使绳索保持圆形，聚酰胺单丝与聚酰胺复丝确保绳索具有优异的耐磨性和紫外线抗性，圆形和坚硬的结构使绳索易于在绞车上穿过，与钢丝绳相比，它更轻、更容易操作，是一种很好的钢丝绳替代品。

#### 特点:

比重: 1.14g/cm<sup>3</sup>

熔点: 215°C

断裂伸长率: 15%~28%

耐磨性: 非常好

耐化学性: 非常好

抗紫外线: 非常好

吸水率: 4%

干湿强度比: 干 > 湿

#### 应用:

系泊缆

绞盘生产线



## 系泊尾绳 MOORING TAIL

### 结构: 8/12股

系泊尾绳在大风时具有良好的弹性和减震性能，台风或大浪来临时，这是主系泊缆的必要保护。

#### 特点:

易于拼接

抗紫外线

防腐烂

高耐磨性

#### 应用:

一般工作线

系泊尾部



### MOORING TAIL POLYAMIDE

Dia		Circ.		Weight		Eye length		Total Length				8-Strand		12-Strand					
mm	inch	inch	inch	kg/100m	lbs/100ft	inch	mm	ft	m	ft	m	ton	kN	ton	kN	ton	kN	ton	kN
48	2	6	144	97	200	70	1800	36	11	72	22	43	425	39	383	46	450	41	405
52	2-1/8	6-1/2	170	114	226	70	1800	36	11	72	22	51	500	46	450	54	530	49	477
56	2-1/4	7	197	132	252	70	1800	36	11	72	22	57	560	51	504	61	600	55	540
60	2-1/2	7-1/2	226	152	278	70	1800	36	11	72	22	64	630	58	567	68	670	62	603
64	2-5/8	8	257	173	304	70	1800	36	11	72	22	72	710	65	639	77	750	69	675
72	3	9	325	218	330	70	1800	36	11	72	22	92	900	83	810	97	950	87	855
80	3-1/4	10	401	269	356	70	1800	36	11	72	22	114	1120	103	1008	120	1180	108	1062
88	3-5/8	11	486	326	382	70	1800	36	11	72	22	135	1320	121	1188	143	1400	129	1260
96	4	12	578	388	438	70	1800	36	11	72	22	163	1600	147	1440	173	1700	156	1530

### MOORING TAIL POLYESTER

Dia		Circ.		Weight		Eye length		Total Length				8-Strand		12-Strand											
mm	inch	inch	inch	kg/100m	lbs/100ft	inch	mm	ft	m	ft	m	ton	kN	ton	kN	ton	kN								
48	2	6	175	117	200	70	1800	36	11	72	22	39	380	35	345	42	408	37	365						
52	2-1/8	6-1/2	205	138	226	70	1800	36	11	72	22	46	450	42	410	50	489	45	440						
56	2-1/4	7	238	160	254	70	1800	36	11	72	22	53	515	47	460	56	546	50	490						
60	2-1/2	7-1/2	273	183	281	70	1800	36	11	72	22	55	540	53	518	62	610	56	545						
64	2-5/8	8	311	209	309	70	1800	36	11	72	22	63	620	59	580	70	690	63	620						
68	2-3/4	8-1/2	324	224	324	70	1800	36	11	72	22	82	800	74	730	88	863	79	770						
72	3	9	331	222.0	115.5	1132	105.0	1029	80	3-1/4	10	486	326	70	1800	36	11	72	22						
76	3-1/8	9-1/2	385	258.2	133.1	1304	121.0	1186	88	3-5/8	11	588	395	70	1800	36	11	72	22						
80	3-1/4	10	419	281.0	144.1	1412	131.0	1284	96	4	12	699	469	70	1800	36	11	72	22						
84	3-1/2	10-1/2	430	288.4	154.0	1509	140.0	1372	96	4	12	580	389.0	203.5	1994	185.0	1813	143	1400	131	1280	154	1510	138	1350

### MOORING TAIL TOUGH MIX

Dia		Circ.		Weight		Eye length		Total Length				8-Strand		12-Strand					
mm	inch	inch	inch	kg/100m	lbs/100ft	inch	mm	ft	m	ft	m	ton	kN	ton	kN	ton	kN		
48	2	6	111	75	100	70	1800	36	11	72	22	37	364	33	328	41	404	37	364
52	2-1/8	6-1/2	132	89	120	70	1800	36	11	72	22	43	424	39	382	48	471	43	424
56	2-1/4	7	152	102	130	70	1800	36	11	72	22	50	489	45	440	55	543	50	489
60	2-1/2	7-1/2	175	117	148	70	1800	36	11	72	22	57	558	51	502	63	620	57	558
64	2-5/8	8	199	134	166	70	1800	36	11	72	22	64	631	58	568	72	701	64	631
68	2-3/4	8-1/2	225	151	181	70	1800	36	11										

## 高韧性聚丙烯和聚酯混合

High Tenacity Polypropylene & Polyester Mixed

### 结构: 3/8/12股

高韧度聚酯的更新产品-聚丙烯，它优于纯聚酯或聚丙烯，重量比聚酯纤维，断裂强度比聚丙烯更好，这根绳子有着优异的摩擦系数。

Dia mm	Circ. inch	Weight kg/100m	8-Strand				12-Strand			
			Unspliced MBL ton kN		Spliced MBL ton kN		Unspliced MBL ton kN		Spliced MBL ton kN	
12	1/2	7.0	4.7	2.7	2.6	2.3	2.3	2.9	2.8	2.6
14	9/16	9.5	6.4	3.6	3.5	3.2	3.1	3.9	3.8	3.5
16	5/8	12.4	8.3	4.6	4.5	4.1	4.0	5	4.9	4.5
18	3/4	15.7	10.5	5.7	5.6	5.2	5.1	6.3	6.2	5.7
20	13/16	19.4	13.0	7	6.9	6.3	6.2	7.8	7.6	6.9
22	7/8	23.5	15.8	8.4	8.2	7.6	7.4	9.2	9.0	8.3
24	1	27.9	18.7	9.8	9.6	8.9	8.7	10.8	10.6	9.7
26	1-1/16	32.8	22.0	11.5	11.3	10.4	10.2	12.7	12.4	11.4
28	1-1/8	38.0	25.5	13.3	13.0	11.9	11.7	14.6	14.3	13.2
30	1-1/4	43.7	29.3	15.1	14.8	13.6	13.3	16.6	16.3	14.9
32	1-5/16	49.7	33.3	17	16.7	15.3	15.0	18.8	18.4	16.8
36	1-1/2	62.9	42.2	21.4	21.0	19.3	18.9	23.6	23.1	21.2
40	1-5/8	57.6	52.1	26.2	25.7	23.6	23.1	28.9	28.3	25.9
44	1-3/4	51.2	63.0	31.4	30.8	28.3	27.7	34.6	33.9	31.1
48	2	6	111.0	74.5	37.1	36.4	33.5	32.8	40.8	40.0
52	2-1/8	6-1/2	132.0	88.5	43.3	42.4	39.0	38.2	47.6	46.6
56	2-1/4	7	152.0	102.0	49.9	48.9	44.9	44.0	54.9	53.8
60	2-1/2	7-1/2	175.0	117.4	56.9	55.8	51.2	50.2	62.7	61.4
64	2-5/8	8	199.0	133.5	64.4	63.1	58.0	56.8	70.8	69.4
68	2-3/4	8-1/2	225.0	150.9	72.1	70.7	64.9	63.6	79.4	77.8
72	3	9	252.0	169.0	80.5	78.9	72.4	71.0	88.6	86.8
80	3-1/4	10	311.0	208.6	98.3	96.3	88.5	86.7	108.1	105.9
88	3-5/8	11	375.0	251.5	118.4	116.0	106.1	104.0	130.2	127.6
96	4	12	447.0	299.8	139.8	137.0	125.5	123.0	153.8	150.7
104	4-1/4	13	526.0	352.8	162.2	159.0	145.9	143.0	178.5	174.9
112	4-5/8	14	605.0	405.8	187.8	184.0	169.4	166.0	206.5	202.4
120	5	15	698.0	468.2	214.3	210.0	192.9	189.0	235.7	231.0
128	5-1/4	16	795.0	533.2	241.8	237.0	217.3	213.0	266.0	260.7
136	5-5/8	17	895.0	600.3	271.4	266.0	243.9	239.0	298.6	292.6
144	6	18	1010.0	677.4	303.1	297.0	272.4	267.0	333.4	326.7
152	6-1/4	19	1130.0	757.9	335.7	329.0	302	296.0	369.3	361.9
160	6-5/8	20	1250.0	838.4	370.4	363.0	333.7	327.0	407.4	399.3

### 特点:

比重: 0.99g/cm<sup>3</sup>

熔点: 165/260°C

耐磨性: 非常好

耐化学性: 非常好

抗紫外线: 非常好

吸水率: 0%

干湿强度比: 干≈湿

### 应用:

系泊和系统

系泊吊架

拖船辅助线

## 高韧性聚烯烃

High Tenacity Polyolefin

### 结构: 3/8/12股

由高韧性聚烯烃纤维制成PP、PE和聚烯烃中性能更强的绳索绳索。有优异的断裂强度和卓越的耐磨性。

### 特点:

比重: 0.91~0.93g/cm<sup>3</sup>

熔点: 165°C

断裂伸长率: 12%~20%

耐磨性: 非常好

耐化学性: 非常好

抗紫外线: 良好

吸水率: 0.01%

干湿强度比: 干≈湿

### 应用:

折叠牵引绳

系泊缆

捆绑线

钓鱼线

Dia mm	Circ. inch	Weight kg/100m	Weight		8-Strand		12-Strand	
			Unspliced MBL ton	Spliced MBL kN	Unspliced MBL ton	Spliced MBL kN	Unspliced MBL ton	Spliced MBL kN
12	1/2	6.5	4.4	2.6	2.5	2.3	2.3	2.7
14	9/16	8.9	6.0	3.5	3.4	3.2	3.1	3.7
16	5/8	11.6	7.8	4.5	4.4	4.1	4.0	4.8
18	3/4	14.7	9.9	5.6	5.5	5.1	5.0	5.9
20	13/16	18.1	12.1	6.9	6.8	6.2	6.1	7.4
22	7/8	21.9	14.7	8.4	8.2	7.6	7.4	8.9
24	1	26.1	17.5	9.9	9.7	8.9	8.7	10.6
26	1-1/16	30.6	20.5	11.5	11.3	10.4	10.2	12.3
28	1-1/8	35.5	23.8	13.3	13.0	11.9	11.7	14.2
30	1-1/4	40.8	27.4	15.1	14.8	13.6	13.3	15.8
32	1-5/16	46.4	31.1	17.0	16.7	15.3	15.0	16.4
36	1-1/2	58.7	39.4	21.3	20.9	19.3	18.9	22.9
40	1-5/8	64.6	48.6	26.1	25.6	23.6	23.1	28.0
44	1-3/4	72.5	58.8	31.2	30.6	28.1	27.5	33.4
48	2	80.0	69.8	36.7	36.0	33.1	32.4	38.5
52	2-1/8	122.0	81.8	42.8	41.9	38.5	37.7	45.7
56	2-1/4	142.0	95.2	49.0	48.0	44.2	43.3	52.4
60	2-1/2	163.0	109.3	55.6	54.5	50.1	49.1	59.5
64	2-5/8	186.0	124.8	62.7	61.4	56.3	55.2	67.0
68	2-3/4	210.0	140.9	70.3	68.9	63.3	62.	

## 高韧性聚丙烯

High Tenacity Polypropylene

### 结构: 3/8/12股

高强度浮绳。卓越的耐磨性,有助于延长使用寿命,3/8/12股结构绳索是通用工业的理想选择和商业捕鱼使用。

Dia	Circ.	Weight		8-Strand		12-Strand						
		Unspliced MBL	Spliced MBL	Unspliced MBL	Spliced MBL	ton	kN	ton	kN	ton	kN	
mm	inch	inch	kg/100m	lbs/100ft	ton	kN	ton	kN	ton	kN		
12	1/2	1-1/2	6.5	4.4	2	23	2	21	2.4	24	2.2	22
14	9/16	1-3/4	8.9	6.0	3	31	3	28	3.4	33	3.1	30
16	5/8	2	11.6	7.8	4	40	4	36	4.4	43	4.0	39
18	3/4	2-1/4	14.7	9.9	5	50	5	45	5.5	54	5.0	49
20	13/16	2-1/2	18.1	12.1	6	62	6	56	6.7	66	6.1	60
22	7/8	2-3/4	21.9	14.7	8	74	7	67	8.1	79	7.3	72
24	1	3	26.1	17.5	9	88	8	80	9.7	95	8.7	85
26	1-1/16	3-1/4	30.6	20.5	11	103	9	93	11.2	110	10.1	99
28	1-1/8	3-1/2	35.5	23.8	12	118	11	106	12.9	126	11.6	114
30	1-1/4	3-3/4	40.8	27.4	14	134	12	121	14.7	144	13.2	129
32	1-5/16	4	46.4	31.1	16	152	14	137	16.6	163	14.9	146
36	1-1/2	4-1/2	58.7	39.4	19	190	18	172	20.8	204	18.8	184
40	1-5/8	5	72.5	48.6	24	233	21	210	25.4	249	23.0	225
44	1-3/4	5-1/2	87.7	58.8	28	278	26	250	30.3	297	27.2	267
48	2	6	104.0	69.8	33	327	30	295	35.7	350	32.1	315
52	2-1/8	6-1/2	122.0	81.8	39	381	35	342	41.5	407	37.3	366
56	2-1/4	7	142.0	95.2	45	437	40	393	47.7	467	43.0	421
60	2-1/2	7-1/2	163.0	109.3	51	495	46	446	54.1	530	48.7	477
64	2-5/8	8	186.0	124.8	57	558	51	502	60.9	597	54.8	537
68	2-3/4	8-1/2	210.0	140.9	64	626	57	563	68.4	670	61.5	603
72	3	9	235.0	157.6	71	697	64	627	76.0	745	68.5	671
80	3-1/4	10	290.0	194.5	86	845	78	761	92.3	905	83.2	815
88	3-5/8	11	351.0	235.4	103	1011	93	909	110.4	1082	99.3	973
96	4	12	417.0	279.7	121	1189	109	1071	129.9	1273	116.8	1145
104	4-1/4	13	490.0	328.7	140	1376	127	1240	150.3	1473	135.4	1327
112	4-5/8	14	568.0	381.0	163	1597	147	1436	174.4	1709	156.7	1536
120	5	15	652.0	437.3	185	1810	166	1631	197.6	1936	178.1	1745
128	5-1/4	16	742.0	497.7	210	2056	189	1852	224.5	2200	202.2	1982
136	5-5/8	17	838.0	562.1	236	2311	212	2082	252.3	2473	227.2	2227
144	6	18	939.0	629.8	264	2583	238	2328	282.0	2764	254.2	2491
152	6-1/4	19	1050.0	704.3	274	2685	264	2583	293.2	2873	282.0	2764
160	6-5/8	20	1160.0	778.0	324	3178	292	2863	346.9	3400	312.7	3064

### TOUGH-PLUS 3

Dia	Circ.	Weight		Unspliced MBL		Spliced MBL		
		mm	inch	inch	kg/100m	lbs/100ft	ton	kN
12	1/2	1-1/2	7.1	4.8	2.3	23	2.1	20
14	9/16	1-3/4	9.1	6.1	2.8	28	2.5	25
16	5/8	2	11.2	7.5	3.4	33	3.1	30
18	3/4	2-1/4	16.1	10.8	4.7	46	4.2	41
22	7/8	2-3/4	22.0	14.8	6.5	64	5.9	58
24	1	3	27.8	18.6	7.9	77	7.1	69
26	1-1/16	3-1/4	31.5	21.1	8.8	86	7.9	78
28	1-1/8	3-1/2	35.3	23.7	9.8	96	8.8	86
30	1-1/4	3-3/4	42.7	28.6	11.8	116	10.7	104
32	1-5/16	4	47.0	31.5	13.0	127	11.7	114
36	1-1/2	4-1/2	61.0	40.9	16.7	164	15.1	148
40	1-5/8	5	71.1	47.7	19.6	192	17.6	173
44	1-3/4	5-1/2	82.0	55.0	22.7	222	20.4	200
48	2	6	106.9	71.7	28.7	281	25.8	253
52	2-1/8	6-1/2	120.7	81.0	32.2	318	29.0	284
56	2-1/4	7	136.2	91.4	36.4	357	32.8	321
60	2-1/2	7-1/2	165.2	110.8	44.1	432	39.7	389
64	2-5/8	8	186.0	124.8	49.5	485	44.5	437
68	2-3/4	8-1/2	218.8	146.8	58.1	569	52.3	512
72	3	9	236.6	158.7	63.1	618	56.8	556
80	3-1/4	10	287.2	192.6	74.5	730	67.0	657
88	3-5/8	11	385.0	258.2	94.9	930	85.4	837
96	4	12	460.0	308.5	102.0	1000	91.8	900
100	4-1/8	12-1/2	500.0	335.4	112.2	1100	101.0	990

### 特点:

比重: 0.96g/cm<sup>3</sup>

熔点: 165°C

断裂伸长率: 12%~20%

耐磨性: 非常好

耐化学性: 非常好

抗紫外线: 良好

吸水率: 0.01%

干湿强度比: 干≈湿

### 应用:

折叠牵引绳

系泊缆

捆绑线

钓鱼线

系泊拾取线

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## 深水系泊绳索

Deep Water Mooring Rope

### 结构: 多层

深水系泊绳索主要用于海上工业，如站台站务。绳索通常采用多层技术生产，包括内芯、过滤和外护套。绳索强度高，耐磨性好，颗粒抗侵入性好，有优异的耐化学性和抗紫外线性。

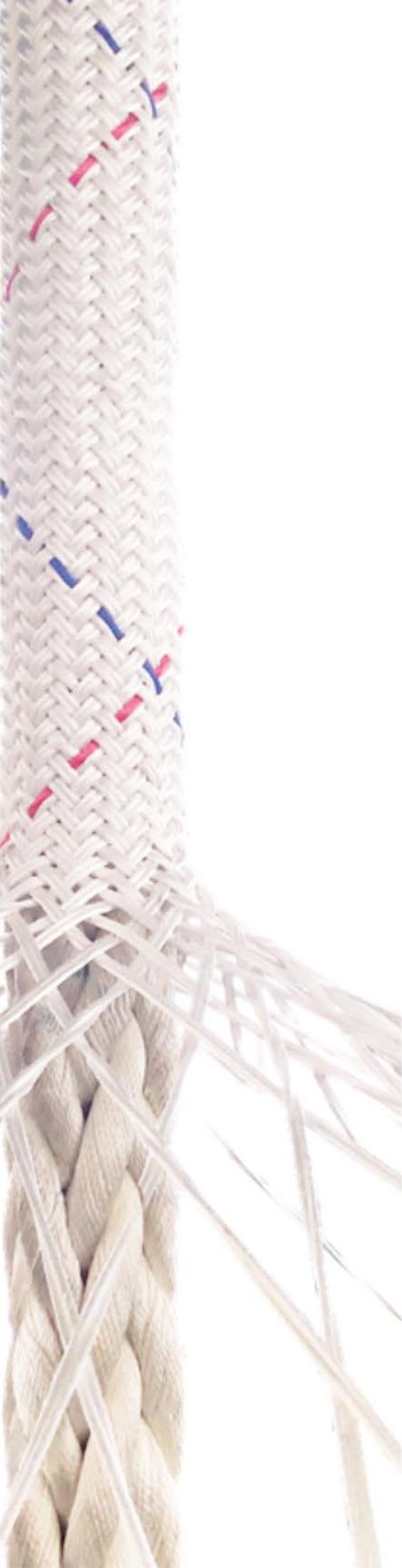
### 特点:

耐磨性: 优秀  
耐化学性: 优秀  
抗紫外线: 优秀  
拉伸疲劳: 优秀

### 应用:

海上工业

Dia		Circ. inch	Polyester Core		HMPE Core		Aramid Core	
mm	inch		Spliced MBL ton	kN	Spliced MBL ton	kN	Spliced MBL ton	kN
63	2-1/2	7-1/2			255	2500		
71	2-3/4	8-1/2			327	3200		
80	3-1/4	10			408	4000	255	2500
90	3-5/8	11			510	5000	316	3100
100	4	12			643	6300	398	3900
106	4 1/4	13	320		3140	724	7100	449
118	4-5/8	14-1/2	400		3920	918	9000	571
132	5-1/4	16-3/8	500		4900	1143	11200	714
150	5-7/8	18-1/2	631		6180	1429	14000	888
160	6-1/4	19-7/8	710		6960	1633	16000	1020
170	6-3/4	21	801		7850	1837	18000	1143
180	7-1/8	22-3/8	901		8830	2041	20000	1276
190	7-1/2	23-1/2	1001		9810	2245	22000	1327
200	7-7/8	24-3/4	1122		11000	2449	24000	1531
212	8-3/8	26-1/4	1255		12300	2755	27000	1735
224	8-7/8	27-3/4	1398		13700	3061	30000	1939
236	9-3/8	29-1/4	1602		15700	3367	33000	2143
250	10	31	1806		17700	3878	38000	2347
265	10-1/2	32-3/4	2000		19600	4286	42000	2653
280	11	34-5/8	2143		21000	4796	47000	2959
					29000			



## 超高分子量聚乙烯

Ultra High Molecular Weight Polyethylene

### 结构: 12股

由超高分子量聚乙烯纤维 (HMPE) 制成，具有超高的断裂强度，但重量非常轻与传统的聚酯双编织绳相比，电缆牵引绳的最佳选择。

#### 特点:

比重: 0.97g/cm<sup>3</sup>  
熔点: 145°C  
断裂伸长率: < 4%  
耐磨性: 非常好  
耐化学性: 非常好  
抗紫外线: 非常好  
吸水率: 0%  
干湿强度比: 100%

mm	Dia		Circ. inch	Weight		Unspliced MBL		Spliced MBL	
	mm	inch		kg/100m	lb/100ft	ton	kN	ton	kN
6		1/4	3/4	2.3	1.54	4.1	40	3.7	36
8		5/16	1	4	2.68	7.0	69	6.3	62
10		3/8	1-1/8	6.1	4.09	10.7	105	9.7	95
12		1/2	1-1/2	8.7	5.84	15.3	150	13.8	135
14		9/16	1-3/4	11.7	7.85	20.4	200	18.4	180
16		5/8	2	15.1	10.13	26.0	255	23.5	230
18		3/4	2-1/4	19	12.74	32.1	315	29.1	285
20		13/16	2-1/2	23.2	15.56	38.8	380	34.7	340
22		7/8	2-3/4	28.1	18.85	45.9	450	41.3	405
24		1	3	33.1	22.20	53.1	520	48.0	470

## 高强涤纶

High Tenacity Polyester

### 结构: 12股

由高韧性低拉伸聚酯纤维制成，外层涂层使绳索更耐磨。聚酯电缆牵引绳索比HMPE绳索更经济。

#### 特点:

比重: 1.38-1.44g/cm<sup>3</sup>  
熔点: 250-260°C  
断裂伸长率: 12%-21%  
耐磨性: 非常好  
耐化学性: 非常好  
抗紫外线: 非常好  
吸水率: 4%  
干湿强度比: 干≈湿

mm	Dia		Circ. inch	Weight		Unspliced MBL		Spliced MBL	
	mm	inch		kg/100m	lb/100ft	ton	kN	ton	kN
6		1/4	3/4	3.3	2.2	1.5	15	1.4	14
8		5/16	15/16	5.0	3.4	2.1	21	1.9	19
10		3/8	1-1/8	10.0	6.7	4.3	42	3.9	38
12		1/2	1-1/2	13.7	9.2	5.8	57	5.3	52
16		5/8	2	22.0	14.8	8.5	83	7.7	76
18		3/4	2-1/4	26.5	17.8	11.1	109	10.1	99
22		7/8	2-3/4	40.0	26.8	15.4	151	14.0	138
24		1	3	52.0	34.9	20.0	196	18.2	178
30		1-1/4	3-3/4	82.0	55.0	27.8	273	25.3	248

## 高强涤纶

High Tenacity Polyester

### 结构: 双编织

由高韧性低拉伸聚酯纤维制成，双编织结构是电缆牵引绳的理想结构涂层使绳索更耐磨。

mm	Dia		Circ. inch	Weight		Unspliced MBL		Spliced MBL	
	mm	inch		kg/100m	lb/100ft	ton	kN	ton	kN
10		3/8	1-1/8	7.5	5.0	2.3	22	2.0	20
12		1/2	1-1/2	14.3	9.6	4.5	44	4.1	40
14		9/16	1-3/4	19.5	13.1	6.4	62	5.7	56
16		5/8	2	24.2	16.2	8.0	78	7.2	71
18		3/4	2-1/4	29.3	19.7	10.0	98	9.0	88
22		7/8	2-3/4	47.0	31.6	14.1	138	12.7	124
24		1	3	57.0	38.3	18.6	182	16.8	164
28		1-1/8	3-1/2	67.0	45.0	21.3	209	19.2	188
30		1-1/4	3-3/4	84.0	56.4	25.0	245	22.5	220
3									

## 编织绳

Braided rope



12股高性能功能绳



16编农业用绳



纯棉实心编织绳



弹力绳



电力工程牵引绳



电力牵引拖绳



动力回收绳



动力绳



反光绳



复编绳



静力绳



聚丙烯复丝实心编织绳

## 编织绳

Braided rope



聚酯16编织绳



聚酯两端环扣编织绳



聚酯拼接蓝色花纹  
双层编织



聚酯实心编织绳



凯夫拉防火绳



立体编绳



菱形编织绳



尼龙拼接绿色花纹  
双层编织



尼龙实心编织绳



伞绳



双编绳



游艇绳

## 超高分子聚乙烯纤维绳

UHMWPE fiber rope



12股超高分子量聚乙烯  
多功能纤维绳



合成HMPE12股绞盘绳



多功能高分子聚乙烯绳索



超高分子量聚乙烯纤维  
12编多功能绳



合成HMPE绞盘绳



多功能高分子绳索

## 缆绳、系泊绳

Mooring line



扁丝系泊绳



超高分子量聚乙烯  
系泊缆



超高分子量聚乙烯  
系泊绳



涤丙混纺系泊绳



聚酯8股系泊绳



聚酯12股系泊绳



聚酯多股复编系泊绳



尼龙8股系泊绳



尼龙12股系泊绳

## 三股、四股绳

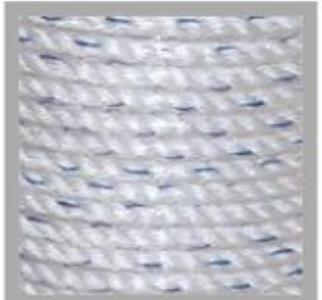
Three & four strand ropes



PE绳



PP复捻绳



PP长丝三股绞绳



丙纶三股绞绳



剑麻三股绞绳



剑麻绳



聚丙烯薄膜三股绞绳



聚酯复捻三股扭绳



聚酯复丝绳



聚酯三股绞绳



老虎绳



棉三股绞绳



尼龙三股绞绳



训练绳

## 网、带类、线类

Net belt and line



PE单丝线



PP撕裂膜线



吊装带



防护网



装饰网



仿真草坪



芳纶纤维



黄麻线



棉包芯绳



三股棉线



三股线



手提编织绳



手提绳



扎捆线

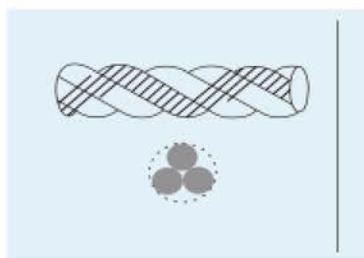
## 如何确定您需要的产品

How to determine the product you need

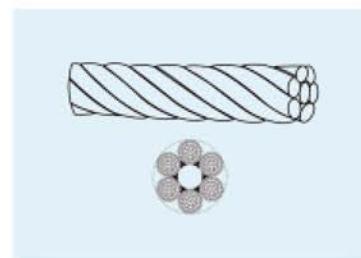
### 1. 选择纤维材料

- 超高分子量聚乙烯
- 聚丙烯
- 聚乙烯
- 尼龙
- 聚酯
- 其他

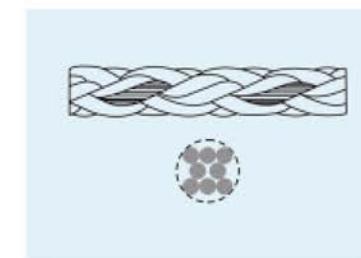
### 2. 选择结构



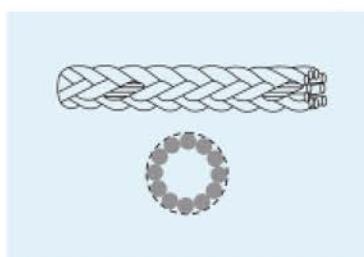
3股



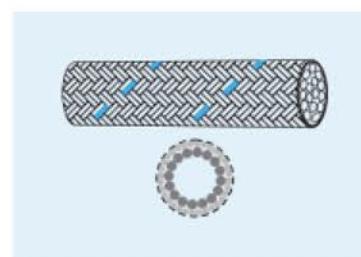
6股



8股

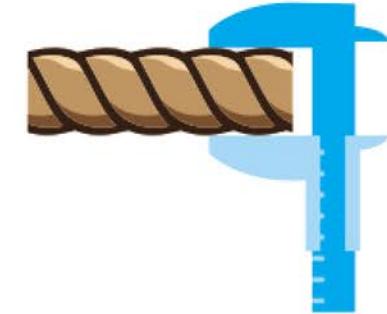


12股



双层编织

### 3. 直径、周长



### 4. 捻向



### 5. 捻度、松紧度

- 软
- 中
- 硬
- 特硬

### 6. 长度

- \_\_\_\_\_米
- \_\_\_\_\_英尺
- \_\_\_\_\_码

### 7. 颜色

任何颜色均可选用

### 8. 包装

- 卷盘
- 卷轴

### 9. 最小拉力

计算的最小断裂载荷 (千牛顿或吨)

### 10. 其他特殊要求

如果您还有其他特殊要求, 请提前告知我们