

# FBR-ARAMID ROPE

## 芳纶缆绳

密度:1.44g/cm³	Specific Gravity:1.44g/cm³ Immersed
熔点:450°C	Melting Point:450°C
伸长率:3.5%	Elongation:3.5%
耐磨性:一般	Abrasion Resistance: Normal
抗紫外线:弱	UV Resistance:Weak
抗化学腐蚀:很好	Chemical Resistance:Excellent

芳纶缆绳具有高强度,高模量和高耐高温特性。其强度是优质钢材的5-6倍,模量是钢材或玻璃纤维的2-3倍,韧性是钢材的2倍,而重量仅为钢材的1/5。具有良好的绝缘性和抗腐蚀性,生命周期较长。抗拉强度高,伸长小,破断力高,耐温差性能强。

应用领域:防火系泊缆,光纤电缆,军工特种用途等。

### FBR-ARAMID ROPE:

It has features of high strength, high modulus and high temperature resistant. Its strength is 5-6 times as high quality steel, its modulus is 2-3 times as steel or fiberglass, its toughness is 2 times as steel, and its weight is only 1/5 of steel. It has longer life, good insulation and corrosion resistance. It has the best performance based on high tensile strength, small elongation, high breaking strength, fiber-optic cables, military special purpose, etc.

**Application:** Fire mooring lines, fiber optic cables, military special applications, etc.



# 8-STRAND AND 12-STRAND

## 八股、十二股参数表

尺寸 Size		重量 Weight		断裂强力* ISO MBF		断裂强力** MEG4 LDBF	
直径 mm Dia.	圆周 Inch Cir.	米重 g/m	kg/220m	千牛 kN	吨 ton	千牛 kN	吨 ton
6	3/4	30	6.6	21	2.2	19	1.9
10	1-1/4	81	17.8	61	6.2	55	5.6
14	1-3/4	165	36.3	114	11.6	103	10.5
18	2-1/4	265	58.3	191	19.5	172	17.6
22	2-3/4	395	86.9	285	29.1	257	26.2
26	3-1/4	547	120.3	409	41.8	369	37.6
30	3-3/4	731	160.8	538	54.9	484	49.4
34	4-1/4	940	206.8	623	63.6	561	57.2
38	4-3/4	1170	257.4	721	73.6	649	66.2
42	5-1/4	1430	314.6	880	89.8	792	80.9
46	5-3/4	1715	377.3	1055	107.7	950	96.9
50	6-1/4	2025	445.5	1244	127.0	1120	114.3
54	6-3/4	2365	520.3	1456	148.6	1310	133.7
58	7-1/4	2725	599.5	1678	171.2	1510	154.1
62	7-3/4	3110	684.2	1911	195.0	1720	175.5
66	8-1/4	3530	776.6	2169	221.3	1953	199.2
70	8-3/4	3970	873.4	2442	249.1	2198	224.2
74	9-1/4	4438	976.3	2731	278.6	2458	250.8
78	9-3/4	4933	1085.2	3036	309.8	2733	278.9
82	10-1/4	5453	1199.6	3356	342.4	3020	308.2
86	10-3/4	5998	1319.5	3689	376.4	3320	338.8
90	11-1/4	6568	1444.9	4039	412.1	3635	370.9
94	11-3/4	7163	1575.8	4406	449.5	3965	404.6
98	12-1/4	7783	1712.2	4789	488.6	4310	439.8
102	12-3/4	8428	1854.1	5189	529.5	4670	476.5

\* MBF: Minimum Breaking Force according to ISO2307.

\*\* LDBF: Line Design Break Force according to OCIMF MEG4 appendix B.

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