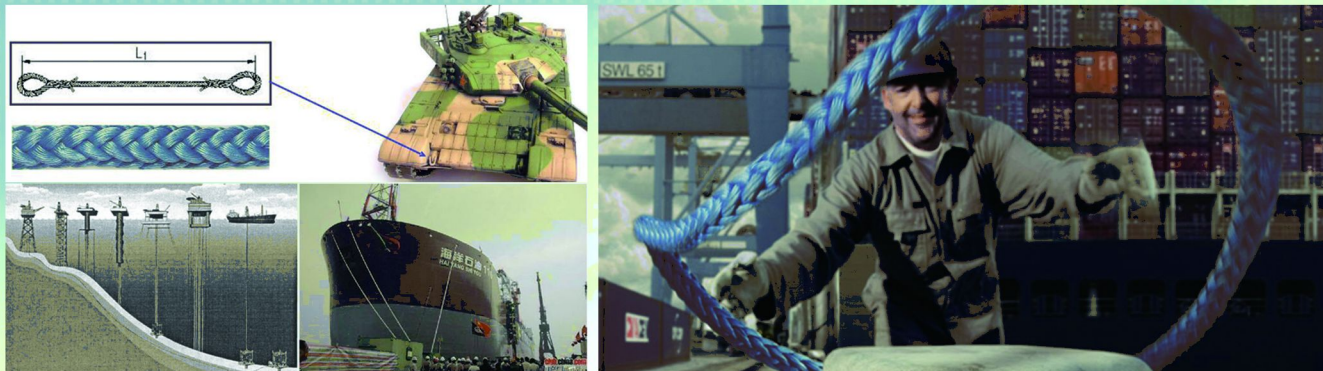


超高分子量聚乙烯绳(UHMWPE)

超高分子量聚乙烯绳(UHMWPE)的应用(the use of UHMWPE fiber rope)



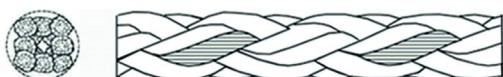
主要编织形式(the main braided way)



夹心编织绳索(C型, a-单绳夹心)
The braided rope with filling(type-C, single rope core)



12股编织绳索(T型)
Twelve-ply braided rope(type-T)



八股编织绳索(L型)
Eight-ply braided rope(type-L)



夹心编织绳索(C型, b-多平行绳夹心)
The braided rope with filling(type-C, multi-rope cores)

ISO 10325-2009 UHMWPE 绳索性能标准(The standard properties of UHMWPE rope)

绳索代号 Ref.Num.	线密度/Ktex Leaner Density/Ktex		断裂强力/KN Minimum breaking force/KN	
	指标值Nominal	允许偏差率 /%Tolerance/%	超高强 ultrahigh strength	高强 High strength
6	23	±10	35.1	31.6
8	40		57.6	51.8
10	61		88.2	79.4
12	87	±8	145	130
14	117		167	150
16	151		218	196
18	190	±5	274	247
20	232		336	302
22	281		399	359
24	331		468	421
26	384		537	483
28	445		612	551
30	506		688	619
32	575		781	703
34	648		865	778
36	720		936	842
38	798		1040	936
40	881		1130	1020
44	1060		1310	1180
48	1250		1530	1380
52	1460		1770	1590
56	1690		2030	1830
60	1930		2280	2050
64	2200		2560	2300
68	2480		2850	2560
72	2780		3170	2850
76	3090		3500	3150
80	3430		3870	3480
88	4170		4680	4210
96	4970		5560	5000



产品类型(The main type of productions)



编号 (Ref. NO.)	规格 (Dia) mm	线密度 (Leaner density) g/m	编织结构 (Woven structure)	拉力 (Breaking strength) KN
RK-U-6001	4	11	L型/T型	9.58
RK-U-6002	6	23	L型/T型	31.6
RK-U-6003	6	26	T型	24.5
RK-U-6004	8	40	L型/T型	51.8

注：L型—8编；T型—12编
 Note: type-L: eight-ply, type-T: twelve-ply

产品优点

经过涂层处理后的UHMWPE纤维绳索具有高强、高模、耐磨、耐化学腐蚀、耐光性好、质轻、耐湿、断裂伸长大、使用周期长等特点。

Advantages: the UHMWPE rope after coated has superior properties, such as high strength and high modulus, good abrasive resistance, resisting to seawater, chemicals, UV radiation, light weight, big elongation and long endurance.