

# UHMWPE ROPE

To Produce Better Rope To Service Global Well  
—All of YaSheng Rope's People



Yasheng UHMWPE Rope is made by ultra high molecular weight polyethylene(UHMWPE) fiber, Using Yasheng's proprietary rope design and manufacturing precision technology to produce better UHMWPE Rope in China, it is stronger than steel wire rope of the same diameter, and it's weight only 1/8 of steel wire rope. On a weight for weight basis, UHMWPE is 15 times stronger than steel wire.

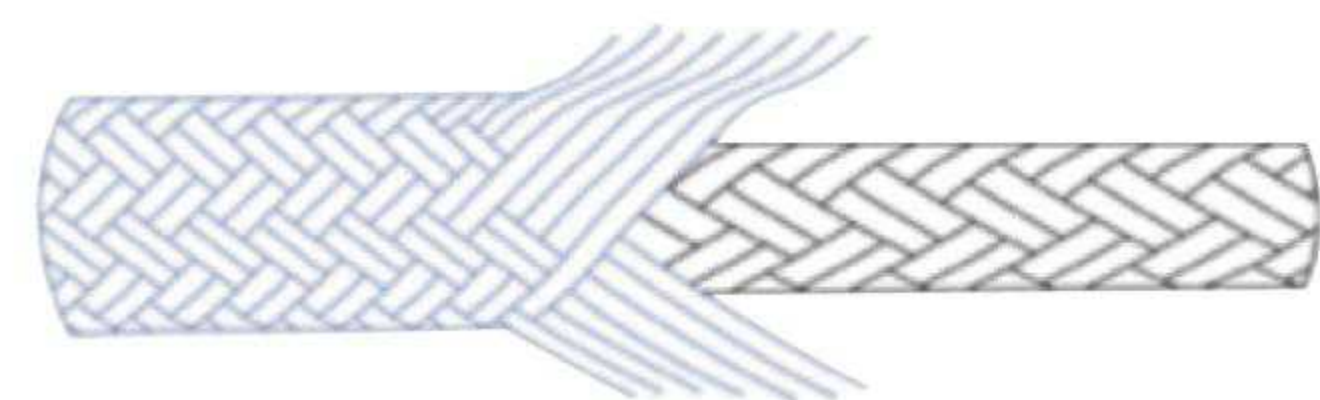
Yasheng UHMWPE Rope is treated with our unique coating process and special sunshine and heat treatment process that to reach its best performance and anti-abrasion characteristics.

- ★ Longer life, and easy handling
- ★ Specific Gravity : 0.97, floating
- ★ Water Absorption : None, meaning it remains light when working in wet conditions
- ★ Melting Point : 145 °C
- ★ Chemical Resistance : Good
- ★ UV Resistance : Good
- ★ Abrasion Resistance : Good
- ★ Low Elongation : 3.5% ~ 4%

**Application:** Port towing, Ultra vessel mooring system, Army & Navy equipment, offshore, lifting etc.

**Optional:** With Polyester Jacket to protect the rope and to be better abrasion resistance.

With UHMWPE Jacket to protect the rope and have longer use time.



Specification		Ultra High Molecular Weight Polyethylene Rope			
Diameter (mm)	Circumference (inch)	8-strand rope		12-strand rope	
		Linear density (ktex)	Breaking strength (KN)	Linear density (ktex)	Breaking strength (KN)
6	3/4	24	42	25	43
8	1	40	62	41	67
10	1-1/4	60	96	63	122
12	1-1/2	85	148	89	176
14	1-3/4	117	190	120	216
16	2	148	230	153	252
18	2-1/4	190	283	195	312
20	2-1/2	230	336	240	348
22	2-3/4	270	394	280	408
24	3	320	451	335	468
28	3-1/2	435	624	450	648
32	4	560	792	580	816
36	4-1/2	720	996	750	1026
40	5	880	1188	920	1224
44	5-1/2	1070	1242	1120	1440
48	6	1260	1500	1320	1680
52	6-1/2	1470	1848	1540	2136
56	7	1730	2136	1810	2268
60	7-1/2	1990	2436	2090	2580
64	8	2240	2844	2350	2868
72	9	2830	3456	2970	3552
80	10	3500	4116	3670	4296
88	11	4250	5095	4460	5160
96	12	5050	6096	5300	6264
104	13	5800	6924	6090	7368
110	13-3/4	6450	8040	6770	8268

