

# OPTIMA 3

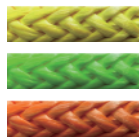
## Winch Line

Optima is made of ultra-high-molecular-weight polyethylene (UHMWPE) fiber and is the highest strength synthetic fiber rope available made by ROPERS. Optima3 has superior performance and ultra-high strength, and is lighter, stronger and safer than general steel wire winch rope.

Optima3 can be designed with different rope heads on both ends, including splicing eyes and U-shaped tubes, designed specifically to be used with optional hooks and winch rope.

- ▶ Made with UHMWPE fiber, with high wear resistance and excellent tensile strength
- ▶ Coated with polyurethane for added UV resistance and chemical resistance
- ▶ Customizable in length and color

Application:



### Specification

Diameter		Weight		Minimum Breaking Strength	
inch	mm	lbs/100ft	kg/100m	lbs	kg
1/4	6	1.5	2.2	8,600	3,900
5/16	8	2.3	3.4	13,200	6,000
3/8	10	3.6	5.4	18,700	8,500
7/16	11	4.0	6.0	22,600	10,300
1/2	12	6.4	9.5	31,500	14,300
9/16	14	7.0	10.5	38,000	17,300
5/8	16	10.3	15.4	51,700	23,500
3/4	18	13.4	20.1	68,500	31,100
7/8	22	18.8	28.0	92,200	41,900
1	24	22.2	33.1	109,800	49,900
1 1/16	26	25.7	38.4	130,000	59,100
1 1/8	28	30.5	45.5	137,100	62,300
1 1/4	30	33.9	50.6	154,200	70,100
1 5/16	32	38.6	57.5	182,200	82,800
1 1/2	36	48.3	72.0	205,500	93,400
1 5/8	40	59.0	88.0	256,300	116,500
1 3/4	44	71.4	106.5	308,000	140,000
2	48	84.0	125.2	361,000	164,100

▶ Specifications are for spliced strengths  
Custom size and length available by request



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