

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. Optima 3 has superior performance and ultra-high strength, and is lighter, stronger and safer than general steel wire winch rope.

Optima 3 has an U-shaped cover at the eye spliced is designed for customize-made hanger with winch rope. Unique durable cover prevents brake heating and reel wearing.

- ▶ Made with UHMWPE fiber, with high wear resistance and excellent tensile strength.
- ▶ The sleeve protects against drum heat and abrasion.
- ▶ Universal drum attachment compatible with most winches.
- ▶ Coated with polyurethane for added UV and chemical resistance.



Light
Weight



Cut
Resistance



High
Strength



Safe
Durable



Water
Repellent



Specification

Diameter		Length		Weight		Minimum Breaking Strength	
inch	mm	ft	m	lbs/100ft	kg/100m	lbs	kg
3/16	5	50	15.2	0.9	1.4	6,100	2,800
1/4	6	75	22.8	1.5	2.2	8,600	3,900
5/16	8	100	30.5	2.3	3.4	13,200	6,000
3/8	10	125	38.0	3.6	5.4	18,700	8,500
7/16	11	150	45.7	4.0	6.0	22,600	10,300
1/2	12	175	53.3	6.4	9.5	31,500	14,300
9/16	14	200	60.8	7.0	10.5	38,000	17,300

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

