

OPTIMA 4S

Off-road 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. Comprised of high strength UHMWPE as its core and a UHMWPE overbraided cover for wear resistance, the Optima 4S is the ultimate synthetic winch line.

Optima 4S is a great wire rope alternative, it can be neatly arranged on the winch. The cover with a special coating can further increase wear resistance, and effectively protect the bearing core from wear cause by dirt and sand getting lodged in between the fibers.

- ▶ Extremely high bending fatigue strength and tensile strength.
- ▶ Double braided construction, minimize sliding between core and cover in design.
- ▶ Coated with polyurethane for added UV and chemical resistance.
- ▶ The surface is smooth and tight to prevent winch line from dirt and sand, greatly increases the longevity.



Light Weight



Cut Resistance



High Strength



Safe Durable



Water Repellent



UV Resistance



Round And Firm



Specification

Diameter		Weight		Minimum Breaking Strength	
inch	mm	lbs/100ft	kg/100m	lbs	kg
3/8	10	4.4	6.5	19,800	9,000
7/16	11	4.9	7.3	24,200	11,000
1/2	12	6.5	9.6	27,500	12,500
9/16	14	7.4	11.0	30,800	14,000
5/8	16	10.1	15.0	40,500	18,400
3/4	18	11.9	17.7	42,500	19,300

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

