

Can be certified by











	Haraco en	DNV·GL	EXTRES
Diameter	Weight	Minimum Strength Spliced Rope	Minimum Strength ISO Unspliced Rope
inch	lbs/100ft	lbs	lbs
1×12			
1	22.8	109,800	122,000
1 1/16	26.8	130,000	144,400
1 1/8	31.5	145,200	161,300
1 1/4	35.5	165,000	183,300
1 5/16	41.6	195,800	217,600
1 1/2	50.3	222,200	246,900
		12×12	
1 5/8	63.7	288,200	320,200
1 3/4	77.8	316,800	352,000
2	86.5	354,400	393,800
2 1/8	105.9	429,000	476,700
2 1/4	115.3	479,600	532,900
2 1/2	144.2	539,000	598,900
2 5/8	154.2	596,400	662,700
2 3/4	171.6	660,000	733,300
3	213.9	783,200	870,200
3 1/8	234.7	853,600	948,400
3 1/4	260.2	942,900	1,047,700
3 5/8	346.0	1,249,600	1,388,400
4	422.4	1,518,000	1,686,700
4 1/8	459.3	1,603,600	1,781,800

Diameter, weight and MBS are determined in accordance with ISO 2307:2010. Custom size and length available by request.















OPTIMA™ 3

General UHMWPE Synthetic Fiber Rope

High strengthGeneral PurposeAvailable in multiple colors



OPTIMA™ 5

Premium UHMWPE Synthetic Fiber Rope

♀ Superior strength▼ Twist resistant identification▼ Various coating design

OPTIMA™ 7

Ultra High Performance HMPE Rope

Ultra high strengthLighter weightUltra low stretch

Coating Type



H type, Improve rope grip and stability





L type, Optimizes the rope's surface wear resistance, making it smoother

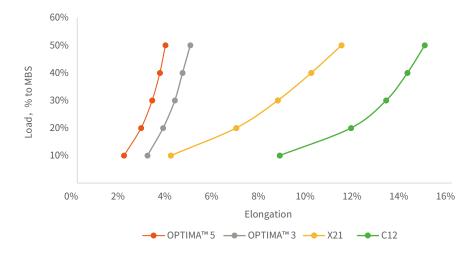




A type, functional for water repellent, oil repellent and antifouling



Elongation

















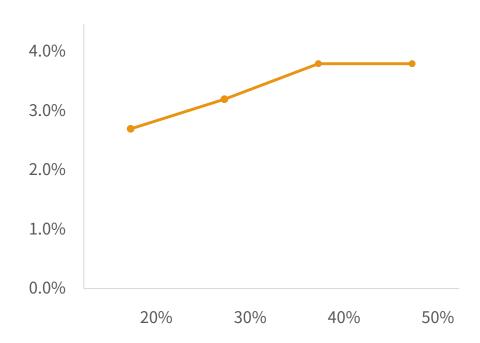








Elongation



Test Procedure:

- \cdot Initial setting cycles: 10 times from 1% to 50% of spliced breaking strength
- · Load 50% of the MBS to measure elongation of rope
- · Pin diameter minimum 3X diameter of rope
- · Result: 3.8%





