



Overhead Crane



Ladle Crane



Jib Crane



Foundation Equipment



Offshore Crane



Mobile Crane



Crawler Crane



Tower Crane



Luffing Crane



Truck Crane



Gantry Crane (STS)



RTG Crane



Straddle Carrier



Mobile Harbor Crane



Knuckle Boom Crane



Deck Crane



Ship Unloader

PROVIDES EXCELLENT BREAKING STRENGTH
AND VERY GOOD RESISTANCE TO ROTATION.

VEROTOP S

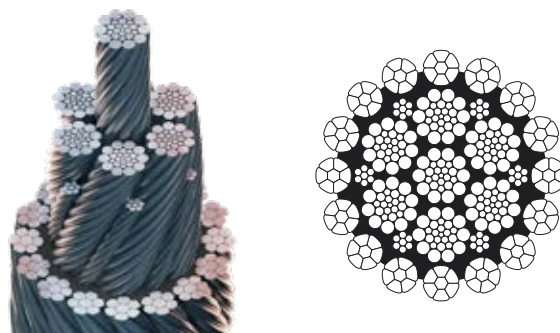
is a very flexible rotation-resistant rope with compacted outer strands and very high breaking strength.



- verotop **S** is a very strong compacted rotation-resistant rope.
- verotop **S** achieves very good bending fatigue results.
- verotop **S** offers excellent resistance to crushing and abrasion.
- verotop **S** possesses perfect spooling behavior on multilayer drum.
- verotop **S** can be used either with or without swivel.
- verotop **S** is a category 1 rotation-resistant rope in accordance with ASTM A1023.

The rope is fully lubricated. The finish available is either bright or galvanized. Average fill factor: 0.742 | Lay type: Lang Lay
Rope Category Number (RCN) to determine the number of visible broken outer wires, signaling discard of rope acc. ISO 4309: RCN = 23-2
Further details: www.verope.com

VEROTOP S



Nominal rope diameter		Approx mass	Minimum breaking force			
			Rope grade			
			1960		2160	
mm*	Inch	kg/m	kN	t	kN	t
13		0.847	166.0	16.9	172.8	17.6
14		0.982	192.5	19.6	200.4	20.4
15		1.127	221.0	22.5	230.1	23.4
16	5/8	1.283	251.4	25.6	261.8	26.7
17		1.448	283.8	28.9	295.5	30.1
18		1.623	318.2	32.4	331.3	33.8
19	3/4	1.809	354.5	36.1	369.2	37.6
20		2.004	392.8	40	409.0	41.7
21		2.210	433.1	44.1	451.0	46
22		2.425	475.3	48.4	494.9	50.4
22.4		2.514	492.8	50.2	513.1	52.3
23		2.651	519.5	52.9	541.0	55.1
24		2.886	565.7	57.6	589.0	60
25		3.132	613.8	62.5	639.1	65.1
25.4	1	3.233	633.6	64.6	659.7	67.2
26		3.387	663.9	67.7	691.3	70.4
27		3.653	715.9	73	745.5	76
28		3.928	770.0	78.5	801.7	81.7
28.6	1-1/8	4.099	803.3	81.9	836.5	85.2
29		4.214	825.9	84.2	860.0	87.6
30		4.510	883.9	90.1	920.4	93.8
31		4.815	943.8	96.2	982.7	100.1
32	1-1/4	5.131	1005.7	102.5	1047	106.7
33		5.457	1069	109	1114	113.5
34		5.792	1135	115.7	1182	120.5
35	1-3/8	6.138	1203	122.6	1253	127.7
36		6.494	1273	129.7	1325	135
38	1-1/2	7.235	1418	144.5	1477	150.5
40		8.017	1571	160.1	1636	166.7

Nominal rope diameter		Approx mass		Minimum breaking force tons ¹ of 2000 lbs	
				Rope grade	
				1960	2160
mm*	Inch	lb/ft ¹	kg/ft ¹	1960	2160
13		0.57	0.26	18.7	19.4
14		0.66	0.3	21.6	22.5
15		0.76	0.34	24.8	25.9
16	5/8	0.86	0.39	28.3	29.4
17		0.97	0.44	31.9	33.2
18		1.09	0.49	35.8	37.2
19	3/4	1.22	0.55	39.8	41.5
20		1.35	0.61	44.2	46
21		1.48	0.67	48.7	50.7
22		1.63	0.74	53.4	55.6
22.4		1.69	0.77	55.4	57.7
23		1.78	0.81	58.4	60.8
24		1.94	0.88	63.6	66.2
25		2.1	0.95	69	71.8
25.4	1	2.17	0.99	71.2	74.2
26		2.28	1.03	74.6	77.7
27		2.45	1.11	80.5	83.8
28		2.64	1.2	86.5	90.1
28.6	1-1/8	2.75	1.25	90.3	94
29		2.83	1.28	92.8	96.7
30		3.03	1.37	99.3	103.4
31		3.24	1.47	106.1	110.5
32	1-1/4	3.45	1.56	113	117.7
33		3.67	1.66	120.2	125.2
34		3.89	1.77	127.6	132.9
35	1-3/8	4.12	1.87	135.2	140.8
36		4.36	1.98	143.1	149
38	1-1/2	4.86	2.21	159.4	166
40		5.39	2.44	176.6	183.9

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* Standard tolerance: +2% to 4%, other tolerances possible upon agreement. Other and special rope diameters are available upon request.

1) The values are indicative only. Authoritative figures remain the metric ones! Errors and omissions excepted! The cross-section shows a typical rope diameter and can vary within the range. Subject to modifications, this may change the specifications.

Relevant is our website www.verope.com