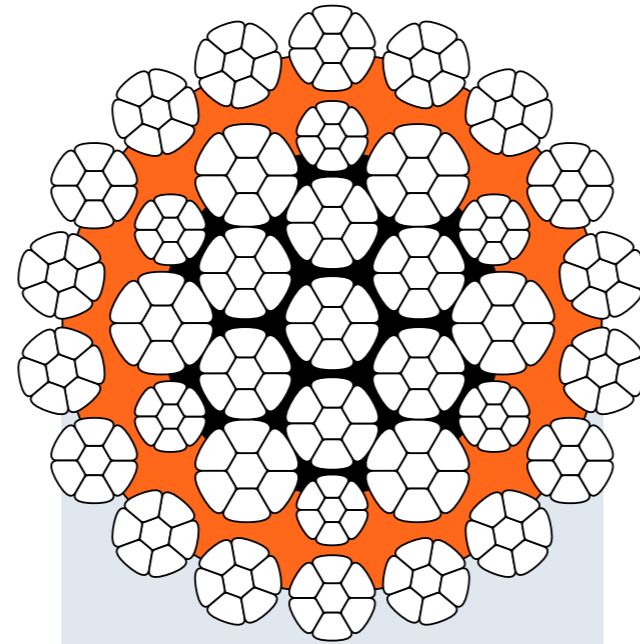


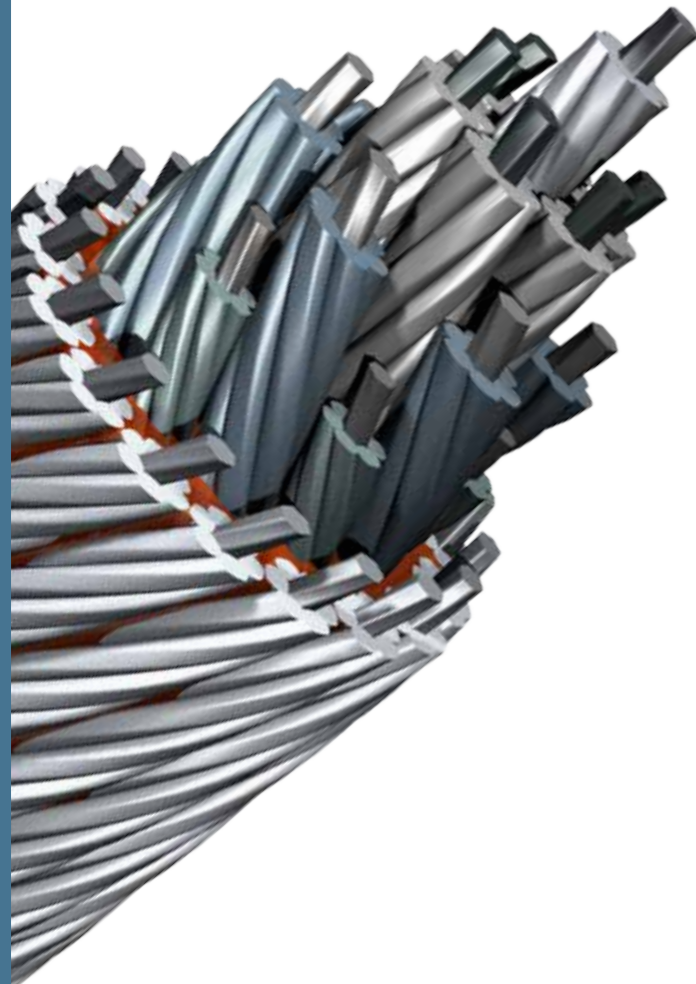
Provides a very stable rope structure and achieves excellent bending fatigue results.

# verotop P

is a rotation-resistant rope with compacted strands and a rope core covered with a plastic layer.



- verotop P has a very high breaking strength.
- verotop P provides a very stable rope structure and achieves excellent bending fatigue results.
- verotop P offers excellent crushing and very good abrasion resistance.
- verotop P possesses perfect spooling behavior on multilayer drum.
- verotop P can be used either with or without swivel.
- verotop P is a category 1 rotation-resistant rope in accordance with ASTM A1023.



The rope is fully lubricated. The finish available as standard is galvanized, bright finish on request. • Average fill factor 0.730 • Ordinary or Lang Lay available • Rope Category Number (RCN) to determine the number of visible broken outer wires, signaling discard of rope acc. ISO 4309: RCN = 23-3 Further details: [www.verope.com/en/RCN](http://www.verope.com/en/RCN)

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verotop P

Nominal rope diameter		Approx mass	Minimum breaking force			
			Rope grade			
			1960		2160	
mm*	inch	kg/m	kN	t	kN	t
16	5/8	1.248	241.7	24.6	260.0	26.5
17		1.408	272.8	27.8	293.5	29.9
18		1.579	305.8	31.2	329.0	33.6
19	3/4	1.759	340.8	34.7	366.6	37.4
20		1.949	377.6	38.5	406.2	41.4
21		2.149	416.3	42.4	447.8	45.7
22		2.359	456.9	46.6	491.5	50.1
22.2	7/8	2.402	465.2	47.4	500.5	51.0
23		2.578	499.3	50.9	537.2	54.8
24		2.807	543.7	55.4	584.9	59.6
25		3.046	590.0	60.2	634.7	64.7
25.4	1	3.144	609.0	62.1	655.2	66.8
26		3.294	638.1	65.1	686.5	70.0
27		3.553	688.1	70.2	740.3	75.5
28		3.821	740.1	75.5	796.2	81.2
28.6	1-1/8	3.986	772.1	78.7	830.6	84.7
29		4.099	793.9	81.0	854.0	87.1
30		4.386	849.6	86.6	914.0	93.2
31		4.683	907.1	92.5	975.9	99.5
32	1-1/4	4.990	966.6	98.6	1040	106.0
33		5.307	1028	104.8	1106	112.8
34		5.634	1091	111.3	1174	119.7
35	1-3/8	5.970	1156	117.9	1244	126.9
36		6.316	1223	124.7	1316	134.2
38	1-1/2	7.037	1363	139.0	1466	149.5
40		7.797	1510	154.0	1625	165.7
42		8.597	1665	169.8	1791	182.7
43		9.011	1745	178.0	1878	191.5
44		9.435	1827	186.4	1966	200.5
45	1-3/4	9.869	1911	194.9	2056	209.7
46		10.31	1997	203.7	2149	219.1
48		11.23	2175	221.8	2340	238.6
50	2	12.18	2360	240.6	2539	258.9

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

Nominal rope diameter		Approx mass		Minimum breaking force tons <sup>1</sup> of 2000 lbs	
				Rope grade	
				1960	2160
mm*	inch	lb/ft <sup>1</sup>	kg/ft <sup>1</sup>		
16	5/8	0.84	0.38	27.2	29.2
17		0.95	0.43	30.7	33.0
18		1.06	0.48	34.4	37.0
19	3/4	1.18	0.54	38.3	41.2
20		1.31	0.59	42.4	45.7
21		1.44	0.66	46.8	50.3
22		1.58	0.72	51.4	55.2
22.2	7/8	1.61	0.73	52.3	56.3
23		1.73	0.79	56.1	60.4
24		1.89	0.86	61.1	65.7
25		2.05	0.93	66.3	71.3
25.4	1	2.11	0.96	68.5	73.6
26		2.21	1.00	71.7	77.2
27		2.39	1.08	77.3	83.2
28		2.57	1.16	83.2	89.5
28.6	1-1/8	2.68	1.22	86.8	93.4
29		2.75	1.25	89.2	96.0
30		2.95	1.34	95.5	102.7
31		3.15	1.43	102.0	109.7
32	1-1/4	3.35	1.52	108.7	116.9
33		3.57	1.62	115.5	124.3
34		3.79	1.72	122.7	132.0
35	1-3/8	4.01	1.82	130.0	139.8
36		4.24	1.93	137.5	147.9
38	1-1/2	4.73	2.14	153.2	164.8
40		5.24	2.38	169.8	182.6
42		5.78	2.62	187.2	201.4
43		6.06	2.75	196.2	211.1
44		6.34	2.88	205.4	221.0
45	1-3/4	6.63	3.01	214.9	231.1
46		6.93	3.14	224.5	241.5
48		7.55	3.42	244.5	263.0
50	2	8.19	3.71	265.3	285.4

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.