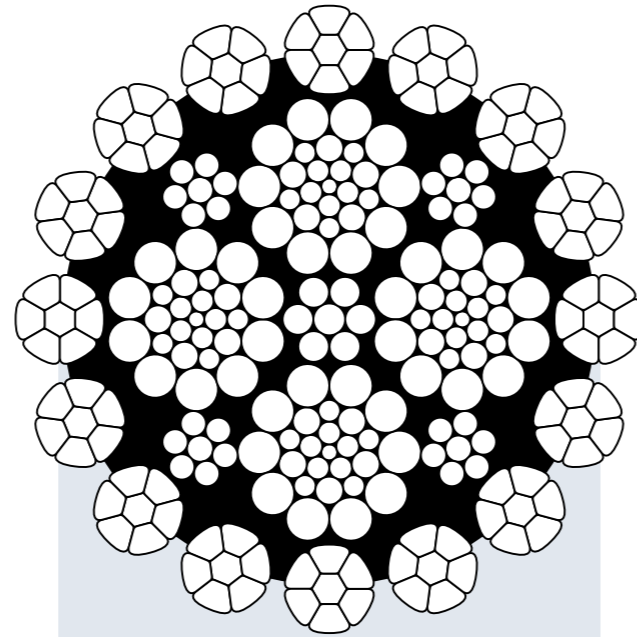


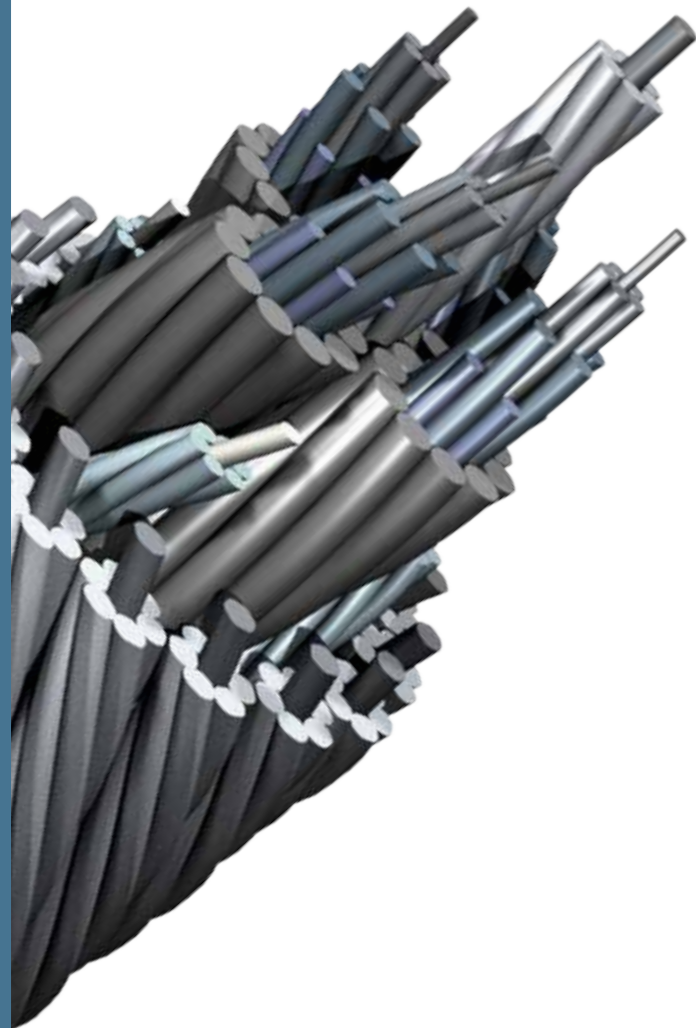
Combines high breaking strength and good rotation resistance with remarkable efficiency.

# verotop E

is a flexible rotation-resistant rope with compacted outer strands.



- verotop E has a high breaking strength.
- verotop E achieves very good bending fatigue results.
- verotop E offers great resistance to crushing and abrasion.
- verotop E possesses perfect spooling behavior on multilayer drum.
- verotop E can be used either with or without swivel.
- verotop E 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 0.700 • 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/en/RCN](http://www.verope.com/en/RCN)

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verotop E

Nominal rope diameter		Approx mass	Minimum breaking force			
			Rope grade			
			1960		2160	
mm*	inch	kg/m	kN	t	kN	t
8	5/16	0.305	55.2	5.6	60.3	6.1
9		0.387	69.8	7.1	76.3	7.8
10		0.477	86.2	8.8	94.2	9.6
11	7/16	0.577	104.3	10.6	113.9	11.6
12		0.687	124.1	12.7	135.6	13.8
13		0.806	145.7	14.9	159.1	16.2
14		0.935	169.0	17.2	184.6	18.8
15		1.074	194.0	19.8	211.9	21.6
16	5/8	1.222	220.7	22.5	241.1	24.6
18		1.546	279.3	28.5	305.1	31.1
19	3/4	1.723	311.2	31.7	340.0	34.7
20		1.909	344.8	35.2	376.7	38.4
22		2.310	417.2	42.5	455.8	46.5
23		2.524	456.0	46.5	498.2	50.8
24		2.749	496.5	50.6	542.4	55.3
25		2.983	538.8	54.9	588.6	60.0
26		3.226	582.7	59.4	636.6	64.9
27		3.479	628.4	64.1	686.5	70.0
28		3.741	675.8	68.9	738.3	75.3
29		4.013	725.0	73.9	792.0	80.8
30		4.295	775.8	79.1	847.5	86.4
32	1-1/4	4.887	882.7	90.0	964.3	98.3
34		5.517	996.5	101.6	1089	111.0
35	1-3/8	5.846	1056	107.7	1154	117.6
36		6.185	1117	113.9	1220	124.5
38	1-1/2	6.891	1245	126.9	1360	138.7
40		7.635	1379	140.6	1507	153.6

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>	1960	2160
8	5/16	0.21	0.09	6.2	6.8
9		0.26	0.12	7.8	8.6
10		0.32	0.15	9.7	10.6
11	7/16	0.39	0.18	11.7	12.8
12		0.46	0.21	14.0	15.2
13		0.54	0.25	16.4	17.9
14		0.63	0.29	19.0	20.7
15		0.72	0.33	21.8	23.8
16	5/8	0.82	0.37	24.8	27.1
18		1.04	0.47	31.4	34.3
19	3/4	1.16	0.53	35.0	38.2
20		1.28	0.58	38.8	42.3
22		1.55	0.70	46.9	51.2
23		1.70	0.77	51.3	56.0
24		1.85	0.84	55.8	61.0
25		2.00	0.91	60.6	66.2
26		2.17	0.98	65.5	71.6
27		2.34	1.06	70.6	77.2
28		2.51	1.14	76.0	83.0
29		2.70	1.22	81.5	89.0
30		2.89	1.31	87.2	95.3
32	1-1/4	3.28	1.49	99.2	108.4
34		3.71	1.68	112.0	122.4
35	1-3/8	3.93	1.78	118.7	129.7
36		4.16	1.89	125.6	137.2
38	1-1/2	4.63	2.10	139.9	152.8
40		5.13	2.33	155.0	169.4

\* 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.