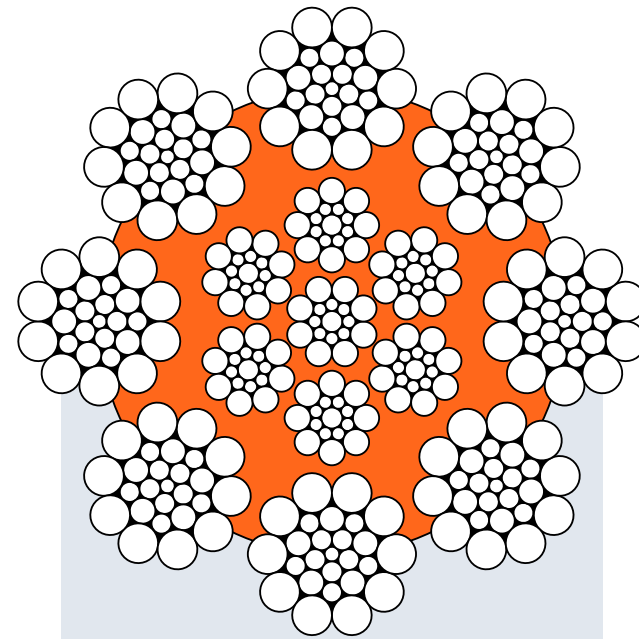


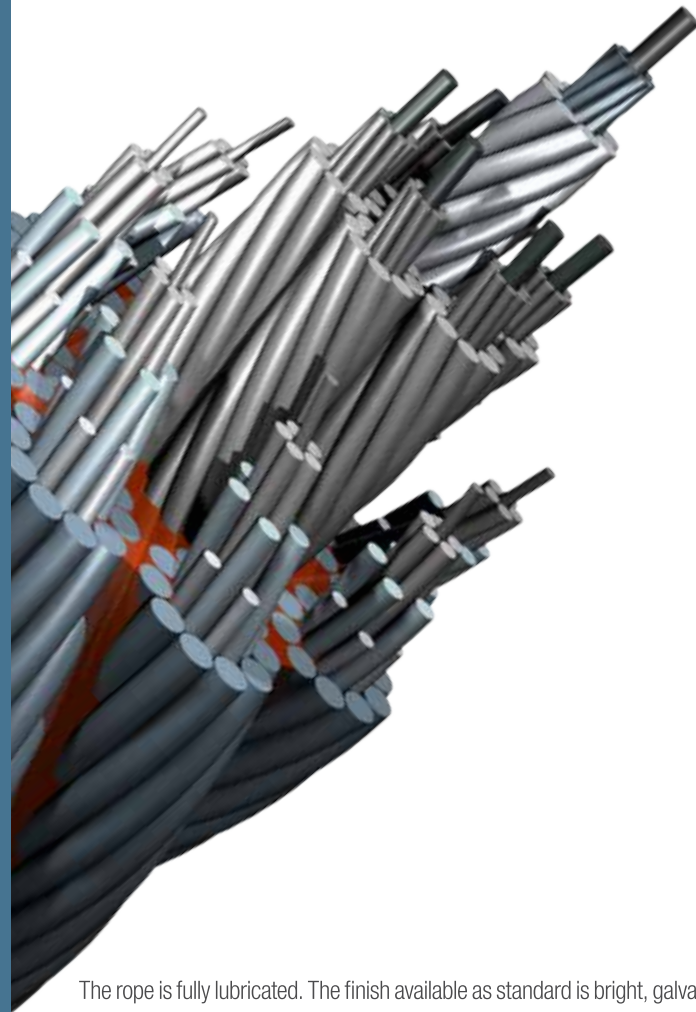
Achieves best service life in reeving systems with single layer drums.

verostar 8

is an 8-strand, non-rotation resistant rope with conventional strands and a rope core covered with a plastic layer.



- verostar 8 has a high breaking strength.
- verostar 8 has a very stable rope structure and achieves good bending fatigue results.
- verostar 8 achieves best service life in reeving systems with single layer drums.
- verostar 8 may not be used with a swivel.



The rope is fully lubricated. The finish available as standard is bright, galvanized finish on request. • Average fill factor 0.610 • 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 • Nominal rope diameter till 42 mm RCN = 09 • Nominal rope diameter 43 mm to 48 mm RCN = 11 • Nominal rope diameter above 48 mm RCN = 13
 Further details: www.verope.com/en/RCN

verostar 8

2013 / 02

Nominal rope diameter		Approx mass	Minimum breaking force			
			Rope grade			
			1770		1960	
mm*	inch	kg/m	kN	t	kN	t
8	5/16	0.276	47.9	4.9	53.0	5.4
9		0.349	60.6	6.2	67.1	6.8
10		0.431	74.8	7.6	82.8	8.4
11	7/16	0.522	90.5	9.2	100.2	10.2
12		0.621	107.7	11.0	119.3	12.2
12.7	1/2	0.695	120.6	12.3	133.6	13.6
13		0.729	126.4	12.9	140.0	14.3
14		0.845	146.6	14.9	162.3	16.6
15		0.970	168.3	17.2	186.3	19.0
16	5/8	1.104	191.5	19.5	212.0	21.6
17		1.246	216.2	22.0	239.4	24.4
18		1.397	242.3	24.7	268.3	27.4
19	3/4	1.557	270.0	27.5	299.0	30.5
20		1.725	299.2	30.5	331.3	33.8
21		1.902	329.8	33.6	365.2	37.2
22		2.087	362.0	36.9	400.9	40.9
22.2	7/8	2.125	368.6	37.6	408.2	41.6
23		2.281	395.7	40.3	438.1	44.7
24		2.484	430.8	43.9	477.1	48.6
25		2.695	467.5	47.7	517.6	52.8
25.4	1	2.782	482.5	49.2	534.3	54.5
26		2.915	505.6	51.6	559.9	57.1
27		3.143	545.2	55.6	603.8	61.6
28		3.380	586.4	59.8	649.3	66.2
28.6	1-1/8	3.527	611.8	62.4	677.4	69.1
29		3.626	629.0	64.1	696.5	71.0
30		3.881	673.1	68.6	745.4	76.0
31		4.144	718.8	73.3	795.9	81.2
32	1-1/4	4.415	765.9	78.1	848.1	86.5
33		4.696	814.5	83.1	901.9	92.0
34		4.984	864.6	88.2	957.4	97.6
35	1-3/8	5.282	916.2	93.4	1015	103.5
36		5.588	969.3	98.8	1073	109.5
38	1-1/2	6.226	1080	110.1	1196	122.0
40		6.899	1197	122.0	1325	135.1
41.3	1-5/8	7.355	1276	130.1	1413	144.1
42		7.606	1319	134.5	1461	149.0
44		8.348	1448	147.7	1603	163.5
45	1-3/4	8.731	1515	154.4	1677	171.0
46		9.124	1583	161.4	1753	178.7
47.5	1-7/8	9.729	1688	172.1	1869	190.6
48		9.934	1723	175.7	1908	194.6
50	2	10.78	1870	190.7	2071	211.1
52		11.66	2022	206.2	2239	228.4
54	2-1/8	12.57	2181	222.4	2415	246.3
56		13.52	2346	239.2	2597	264.9
58		14.51	2516	256.6	2786	284.1
60	2-3/8	15.52	2693	274.6	2982	304.0

Nominal rope diameter		Approx mass		Minimum breaking force tons ¹ of 2000 lbs	
				Rope grade	
				1770	1960
mm*	inch	lb/ft ¹	kg/ft ¹	1770	1960
8	5/16	0.19	0.08	5.4	6.0
9		0.23	0.11	6.8	7.5
10		0.29	0.13	8.4	9.3
11	7/16	0.35	0.16	10.2	11.3
12		0.42	0.19	12.1	13.4
12.7	1/2	0.47	0.21	13.6	15.0
13		0.49	0.22	14.2	15.7
14		0.57	0.26	16.5	18.2
15		0.65	0.30	18.9	20.9
16	5/8	0.74	0.34	21.5	23.8
17		0.84	0.38	24.3	26.9
18		0.94	0.43	27.2	30.2
19	3/4	1.05	0.47	30.3	33.6
20		1.16	0.53	33.6	37.2
21		1.28	0.58	37.1	41.1
22		1.40	0.64	40.7	45.1
22.2	7/8	1.43	0.65	41.4	45.9
23		1.53	0.70	44.5	49.2
24		1.67	0.76	48.4	53.6
25		1.81	0.82	52.5	58.2
25.4	1	1.87	0.85	54.2	60.1
26		1.96	0.89	56.8	62.9
27		2.11	0.96	61.3	67.9
28		2.27	1.03	65.9	73.0
28.6	1-1/8	2.37	1.08	68.8	76.1
29		2.44	1.11	70.7	78.3
30		2.61	1.18	75.7	83.8
31		2.78	1.26	80.8	89.5
32	1-1/4	2.97	1.35	86.1	95.3
33		3.16	1.43	91.6	101.4
34		3.35	1.52	97.2	107.6
35	1-3/8	3.55	1.61	103.0	114.0
36		3.76	1.70	109.0	120.7
38	1-1/2	4.18	1.90	121.4	134.4
40		4.64	2.10	134.5	149.0
41.3	1-5/8	4.94	2.24	143.4	158.8
42		5.11	2.32	148.3	164.2
44		5.61	2.54	162.8	180.2
45	1-3/4	5.87	2.66	170.2	188.5
46		6.13	2.78	177.9	197.0
47.5	1-7/8	6.54	2.97	189.7	210.0
48		6.68	3.03	193.7	214.5
50	2	7.24	3.29	210.2	232.7
52		7.83	3.55	227.3	251.7
54	2-1/8	8.45	3.83	245.1	271.5
56		9.09	4.12	263.6	291.9
58		9.75	4.42	282.8	313.2
60	2-3/8	10.43	4.73	302.7	335.1

* 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.