

← OFFERS BEST GENERAL PROPERTIES AT HIGH AMBIENT TEMPERATURES.

VEROSTEEL 8

is an 8-strand, non-rotation-resistant rope with compacted outer strands.

- verosteel 8 has a high breaking strength.
- verosteel 8 has a stable rope structure and achieves good bending fatigue results.
- verosteel 8 offers excellent resistance to crushing and abrasion.
- verosteel 8 possesses perfect spooling behavior on multilayer drum.
- verosteel 8 may not be used with a swivel.

The rope is fully lubricated. The finish available as standard is galvanized, bright finish on request. Average fill factor: 0.702
 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

VEROSTEEL 8



Nominal rope diameter		Approx mass	Minimum breaking force			
			Rope grade			
mm*	Inch		1960		2160	
16	5/8	1.164	235.1	24	254.4	25.9
17		1.315	265.5	27.1	287.2	29.3
18		1.474	297.6	30.3	322.0	32.8
19	3/4	1.642	331.6	33.8	358.7	36.6
20		1.819	367.4	37.4	397.5	40.5
21		2.006	405.1	41.3	438.2	44.7
22		2.202	444.6	45.3	481.0	49
23		2.406	485.9	49.5	525.7	53.6
24		2.620	529.1	53.9	572.4	58.3
25		2.843	574.1	58.5	621.1	63.3
26		3.075	620.9	63.3	671.7	68.5
27		3.316	669.6	68.2	724.4	73.8
28		3.566	720.1	73.4	779.1	79.4
29		3.825	772.5	78.7	835.7	85.2
30		4.094	826.7	84.2	894.3	91.1
31		4.371	882.7	89.9	954.9	97.3
32	1-1/4	4.658	940.6	95.8	1018	103.7
33		4.953	1000	101.9	1082	110.3
34		5.258	1062	108.2	1149	117.1
35	1-3/8	5.572	1125	114.7	1217	124
36		5.895	1190	121.3	1288	131.2
37		6.227	1257	128.1	1360	138.6
38	1-1/2	6.568	1326	135.2	1435	146.2
39		6.918	1397	142.4	1511	154
40		7.278	1470	149.8	1590	162
41		7.646	1544	157.3	1670	170.2
42		8.024	1620	165.1	1753	178.6
43		8.410	1698	173.1	1837	187.2
44		8.806	1778	181.2	1924	196
45	1-3/4	9.211	1860	189.5	2012	205
46		9.625	1944	198.1	2103	214.3
47		10.05	2029	206.8	2195	223.7
48		10.48	2116	215.7	2289	233.3
49		10.92	2205	224.7	2386	243.1
50	2	11.37	2296	234	2484	253.1

Nominal rope diameter		Approx mass		Minimum breaking force tons ¹ of 2000 lbs	
				Rope grade	
mm*	Inch	lb/ft ¹	kg/ft ¹	1960	2160
16	5/8	0.78	0.36	26.4	28.6
17		0.88	0.4	29.8	32.3
18		0.99	0.45	33.5	36.2
19	3/4	1.1	0.5	37.3	40.3
20		1.22	0.55	41.3	44.7
21		1.35	0.61	45.5	49.3
22		1.48	0.67	50	54.1
23		1.62	0.73	54.6	59.1
24		1.76	0.8	59.5	64.3
25		1.91	0.87	64.5	69.8
26		2.07	0.94	69.8	75.5
27		2.23	1.01	75.3	81.4
28		2.4	1.09	80.9	87.6
29		2.57	1.17	86.8	93.9
30		2.75	1.25	92.9	100.5
31		2.94	1.33	99.2	107.3
32	1-1/4	3.13	1.42	105.7	114.4
33		3.33	1.51	112.4	121.6
34		3.53	1.6	119.4	129.1
35	1-3/8	3.74	1.7	126.5	136.8
36		3.96	1.8	133.8	144.8
37		4.18	1.9	141.3	152.9
38	1-1/2	4.41	2	149.1	161.3
39		4.65	2.11	157	169.9
40		4.89	2.22	165.2	178.7
41		5.14	2.33	173.6	187.8
42		5.39	2.45	182.1	197
43		5.65	2.56	190.9	206.5
44		5.92	2.68	199.9	216.2
45	1-3/4	6.19	2.81	209.1	226.2
46		6.47	2.93	218.5	236.3
47		6.75	3.06	228.1	246.7
48		7.04	3.2	237.9	257.3
49		7.34	3.33	247.9	268.2
50	2	7.64	3.47	258.1	279.2

verosteel 8/2015/10/v2.0

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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 2) *2060 N/mm²