

COMPACTED 35x7 SINKING ROPE

Features:

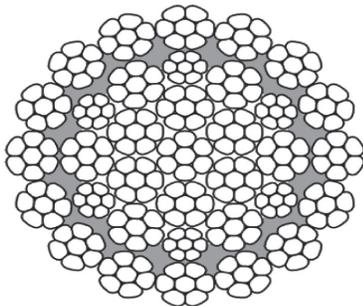
- Recommended for Sinking
- Recommended for Multiple Layer Winding
- Non-rotating
- Compacted Inner and Outer strands
- Extremely High Breaking Force
- High Radial Stiffness
- Excellent Rotational Stability

Grade Options Wire Finishes

- 1770 N/mm² - Bright
- 1960 N/mm² - Galvanized
- 2160 N/mm² - Zinc Aluminum Alloy

Option:

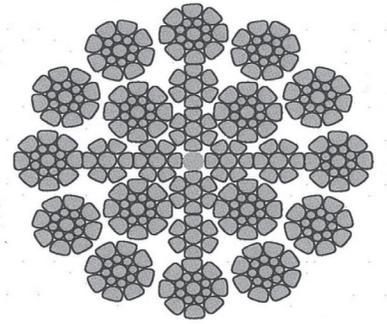
Plastic Encased Core



For other diameters, weights, or strength requirements, please contact us. Other designs available upon request.

NOMINAL DIAMETER		NOMINAL WEIGHT		MINIMUM BREAKING STRENGTH	
mm	in	kg/m	lb/ft	Force (kN)	Load (lbs)
19	3/4	1.84	1.23	347	77,900
20		2.04	1.37	384	86,300
22		2.46	1.66	465	104,000
	7/8	2.51	1.69	474	107,000
24		2.93	1.97	553	124,000
25		3.18	2.14	600	135,000
	1	3.28	2.21	619	139,000
26		3.44	2.31	649	146,000
28		3.99	2.68	753	169,000
	1-1/8	4.16	2.79	784	176,000
30		4.58	3.08	864	194,000
	1-1/4	5.13	3.45	968	218,000
32		5.21	3.50	983	221,000
34		5.88	3.95	1110	249,000
35	1-3/8	6.21	4.17	1170	263,000
36		6.60	4.43	1240	280,000
38	1-1/2	7.35	4.94	1390	312,000
40		8.14	5.47	1540	345,000
41	1-5/8	8.67	5.83	1640	368,000
42		8.98	6.03	1690	381,000
44		9.85	6.62	1860	418,000
	1-3/4	10.1	6.76	1900	426,000
46		10.8	7.24	2030	457,000
48	1-7/8	11.7	7.88	2210	497,000
50		12.7	8.55	2400	540,000
	2	13.1	8.83	2480	557,000
52		13.8	9.25	2600	584,000
54	2-1/8	14.8	9.97	2800	629,000
56		16.0	10.7	3010	677,000
58	2-1/4	17.1	11.5	3230	726,000
60	2-3/8	18.5	12.4	3490	785,000
64	2-1/2	20.8	14.0	3930	884,000
65		21.5	14.5	4060	912,000

Minimum Breaking Strengths shown are for 1960 Grade.



CONSTRUCTION 24x17 HOIST, SINKING, OR BALANCE ROPE

Features:

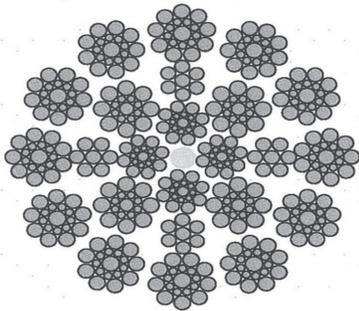
- For Use on Drum or Blair Hoists
- For Use on Friction Hoist (up to 35mm)
- Use as Sinking Rope
- Use as Balance Rope when Not Compacted
- Rotation Resistant
- High Breaking Strength
- Very High Resistance to Fatigue

Grade Options Wire Finishes

- 1770 N/mm² - Bright
- 1960 N/mm² - Galvanized
- 2160 N/mm² - Zinc Aluminum Alloy

Option:

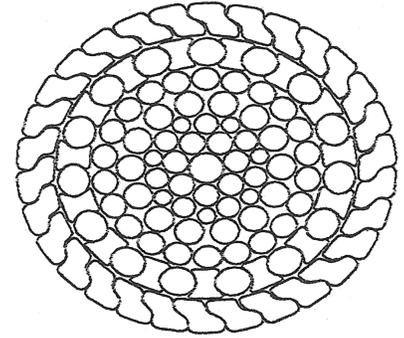
Non-compacted Balance Rope



NOMINAL DIAMETER		NOMINAL WEIGHT		MINIMUM BREAKING STRENGTH	
mm	in	kg/m	lb/ft	Force (kN)	Load (lbs)
30		4.32	2.90	767	172,000
32	1-1/4	4.91	3.30	872	196,000
34		5.55	3.73	984	221,000
36	1-1/2	6.22	4.18	1104	248,000
38		6.94	4.66	1230	276,000
40		7.69	5.17	1364	306,000
42	1-5/8	8.49	5.70	1506	338,000
44		9.33	6.27	1654	371,000
46		10.21	6.86	1810	406,000
48	1-7/8	11.13	7.48	1974	443,000
50		12.09	8.13	2145	482,000
52		13.10	8.80	2323	522,000
54	2-1/8	14.16	9.51	2510	564,000
56		15.25	10.25	2704	607,000
58		16.39	11.01	2906	653,000
60		17.58	11.81	3116	700,000
62		18.81	12.64	3334	749,000
64	2-1/2	20.08	13.50	3560	800,000
66		21.41	14.38	3794	852,000
68		22.77	15.30	4036	907,000
70	2-3/4	24.19	16.25	4287	963,000

Minimum Breaking Strengths shown are for 1960 Grade.

For other diameters, weights, or strength requirements, please contact us. Other designs available upon request.



FULL LOCKED COIL HOIST, SINKING, OR GUIDE ROPE

Features:

- For Use on Friction Hoist
- Use as Sinking Rope on Deep Shafts
- Can be Designed for Use as Guide Rope
- Non-rotating, Low Stretch, High Strength
- Round Smooth Outer Surface
- Z-lock Shaped Wires on Outer Layer
- Combination of Z-lock, X Lock, or Round Wires for Inner Layers
- Available in Various Grade Options

Grade Options Wire Finishes

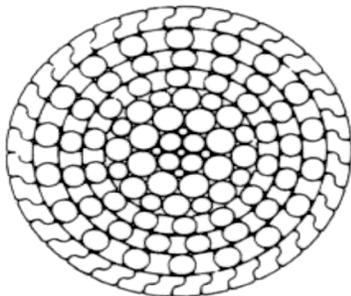
- 1770 N/mm² - Bright
- 1960 N/mm² - Galvanized
- 2160 N/mm²

NOMINAL DIAMETER		NOMINAL WEIGHT		MINIMUM BREAKING STRENGTH	
mm	in	kg/m	lb/ft	Force (kN)	Load (lbs)
22	7/8	2.85	1.92	446	100,200
26	1	4.02	2.70	697	156,700
29	1-1/8	4.95	3.33	776	174,400
32	1-1/4	5.65	3.80	875	196,700
35	1-3/8	7.24	4.87	1186	266,600
38	1-1/2	8.45	5.68	1487	334,300
42	1-5/8	10.63	7.14	1634	367,300
45	1-3/4	11.68	7.85	1930	433,800
48	1-7/8	13.45	9.04	2187	491,600
51	2	15.10	10.15	2503	562,600
54	2-1/8	16.95	11.39	2805	630,500
57	2-1/4	18.85	12.67	3125	702,500
61	2-3/8	21.75	14.62	3585	805,900

Values shown are for Full Locked Coil ropes with the following design:
Z wires in 1570 Grade, OX wires in 1660 Grade, and Round Wires in 1960 Grade

Option:

3 inner X-lock layers



For other diameters, weights, or strength requirements, please contact us. Other designs available upon request.