

FULL LOCKED COIL HOIST, SINKING, OR GUIDE ROPE

Features:

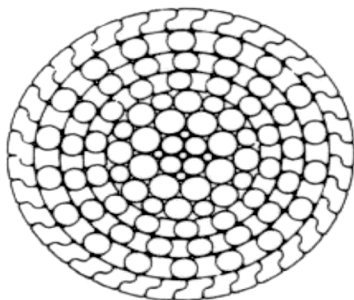
- For Use on Friction Hoist
- Use as Sinking Rope on Deep Shafts
- Can be Designed for Use as Guide Rope
- Non-rotating, Low Stretch, High Strength
- Round Smooth Outer Surface
- Z-lock Shaped Wires on Outer Layer
- Combination of Z-lock, X Lock, or Round Wires for Inner Layers
- Available in Various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

Grade Options Wire Finishes

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

Option:

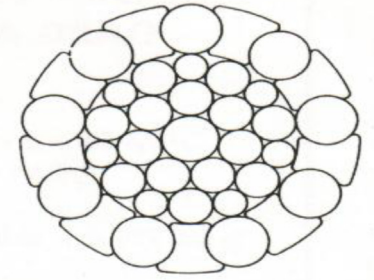
3 inner X-lock layers



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)
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



HALF LOCKED COIL GUIDE ROPE

Features:

- Smooth Outer Surface
Minimizes Vibration and
Conveyance Slipper Wear
- Customized to Particular Use
- Low Residual Torque
- Different Number of Outer
Wires Depending on
Diameter
- Available in Various Grade
Options

NOMINAL DIAMETER		NUM- BER OF PAIRS X-R	WIRE DIAMETER (MM)	NOMINAL WEIGHT		MINIMUM BREAKING STRENGTH	
mm	in			kg/m	lb/ft	Force (kN)	Load (lbs)
29	1-1/8	7	6.5	4.85	3.26	575	129,200
32	1-1/4	7	8	5.90	3.96	726	163,200
35	1-3/8	7	8	6.96	4.68	892	200,500
38	1-1/2	7	8	8.50	5.71	1100	247,200
42	1-5/8	8	8	9.92	6.67	1345	302,300
45	1-3/4	9	8	11.34	7.62	1640	368,600
48	1-7/8	10	8	13.12	8.82	1835	412,500
51	2	11	8	14.60	9.81	2050	460,800
54	2-1/8	12	8	16.00	10.75	2260	508,000

Wire Finishes

- Bright
- Galvanized

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Other designs available upon request.