

WIRE ROPE

Lift Solutions has top quality elevator wire rope to meet any traction elevator application project requiring hoist, governor or compensating ropes.

Lift Solutions has top quality elevator wire rope in several strand configurations, cores and lays to meet any traction elevator application project requiring hoist, governor or compensating ropes. Our rope has been engineered and tested for some of the most extreme conditions, and can withstand several types of applications and situations.

RANGE OF FINISHES

Our elevator rope comes with a finish and a lubricant designed to enhance the traction process. Galvanized wire ropes are available for special applications that require additional levels of corrosion protection that cannot be fully accomplished through the lubrication of the wire rope. Galvanized ropes are constructed of 'Drawn Galvanized Wires'.



www.liftsolutions.net

*Scan our QR code to learn
more about our rope.*

888.277.8310

info@liftsolutions.net

1806 S. Lake Stevens Rd
Lake Stevens, WA 98258

WIRE ROPE



ADVANTAGES OF OUR ROPE

- Pre-stretched & pre-formed
- Wedge sockets also available
- Popular configurations in stock
- Sisal, synthetic & steel cores
- Regular or lang lay

Diameter	Breaking Strength lbs. (Sisal / PC)			6x19 Sisal/PC Weight (lb/ft)	8x19 Sisal/PC Weight (lb/ft)	Breaking Strength lbs. (8x19 IWRC)		8x19 IWRC Weight (lb/ft)	Traction Steel 8x25 Sisal Core (Compensating Rope)		Iron Grade 8x19 & 8x25 Sisal Core	
	6x19 & 8x19 Traction & Galvanized Traction	6x19 EHS	8x19 EHS	Traction, Galvanized Traction & EHS		Traction IWRC	EHS IWRC	Traction IWRC & EHS IWRC	Breaking Strength	Weight (lb./ft.)	Breaking Strength	Weight (lb./ft.)
1/4"	3,600	5,200	4,500	0.1	0.09	5,600	--	0.11	--	--	--	--
5/16"	5,600	8,100	6,900	0.16	0.14	8,100	9,200	0.18	--	--	--	--
9mm	7,100	10,400	8,700	0.20	0.18	10,500	11,800	0.23	--	--	--	--
3/8"	8,200	11,600	9,900	0.23	0.20	11,700	13,200	0.25	8,200	0.20	4,200	0.20
10mm	9,100	12,900	11,000	0.25	0.22	12,900	14,600	0.28	--	--	--	--
11mm	10,800	15,400	13,300	0.31	0.27	15,700	17,700	0.34	--	--	--	--
7/16"	11,000	15,700	13,500	0.31	0.28	16,000	18,000	0.35	11,000	0.28	5,600	0.28
12mm	12,900	18,300	15,800	0.37	0.32	18,700	21,000	0.41	--	--	--	--
1/2"	14,500	20,400	17,500	0.40	0.36	20,900	23,500	0.46	14,500	0.36	7,200	0.36
13mm	15,200	21,400	18,300	0.43	0.38	21,800	24,600	0.48	--	--	--	--
9/16"	18,500	25,700	21,100	0.51	0.46	26,600	30,000	0.58	18,500	0.46	9,200	0.46
5/8"	23,000	31,600	27,200	0.63	0.57	33,300	37,500	0.73	23,000	0.57	11,200	0.57
16mm	23,000	31,600	27,200	0.63	0.57	33,300	37,500	0.73	--	--	--	--
11/16"	27,000	38,200	32,800	0.76	0.69	39,800	44,900	0.87	27,000	0.69	13,400	0.69
3/4"	32,000	45,200	38,900	0.90	0.82	46,800	52,700	1.02	32,000	0.82	16,000	0.82

STRAND CONFIGURATIONS

Elevator rope constructions are available in: 8x25, 8x21, 8x19, 6x25, and 6x19.

Strand construction that has more wires in it is more flexible, due to smaller wire sizes within the strand. Wires with stronger resistance tend to have strands with bigger outer wires, protecting against abrasion wear and creating less surface contact with the driver.



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