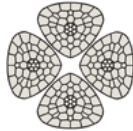


PRODUCT CATALOG

XLT4

- ▶ Low torque, high strength
- ▶ Can be used with a swivel
- ▶ Lower cost than 35x7
- ▶ Can be used at design factor of 3.5 to 1



XLT4 is a revolutionary crane rope design.* “XLT” because it has Extremely Low Torque; “4” because it has the minimum breaking force of a 6-strand XXXXIP (4X) IWRC rope.

What sets XLT4 apart is its unique design which packs more high tensile steel wire into the rope’s diameter, giving XLT4 one of the highest strength to diameter ratios ever achieved—with a minimum breaking force 33% higher than standard 6-strand XIP ropes.

Under load, XLT4 generates near zero torque, matching or surpassing the stability of Category 1 35x7 class rotation-resistant ropes. Yet, thanks to its unique design, XLT4 is not classified as a “rotation-resistant” rope. It can be used with or without a swivel as a mobile crane hoist rope at design factors as low as 3.5 to 1.

And for value, nothing performs like XLT4. Not only does it cost less than a 35x7 classification rope, its compact construction keeps more steel in contact with sheaves and drums for unmatched resistance to crushing and wear—for lower maintenance, less downtime and longer service life.

XLT4’s powerful advantages go beyond high strength, low torque and economical cost. With the rope’s high capacity, lifts may be feasible using fewer parts of line—boosting the speed, efficiency and productivity of crane work.

While XLT4’s unique construction is different in appearance and feel compared to other wire ropes, you’ll be pleasantly surprised by the way it spools and operates. As with any rope, proper installation is key—particularly for the base layers and all layers that do not come off the drum during normal operation. To maximize performance and avoid “pull-in,” the rope must be spooled on the drum under load, ensuring that the rope is both tight against adjacent wraps and tight around the drum. As with any rope, XLT4 will perform better on a grooved drum. XLT4 is recommended for all grooved drums and smooth drums with a D/d ratio of 25 or greater.

Although differing in appearance and feel, field experience has shown that XLT4 presents no problem in terminations using wedge sockets or wire rope clips. XLT4 requires no special end preparation.

* Patent Pending

XLT4 Strength and Weights Chart (inches)

Diameter (in)	Minimum Breaking Force (tons of 2000 lbs)	Weight (lb/ft)
1/2	17.7	0.51
9/16	22.3	0.65
5/8	27.4	0.79
3/4	39.2	1.1
7/8	53.0	1.5
1	68.9	2.1
1 1/8	86.7	2.6

XLT4 Strength and Weights Chart (millimeters)

Diameter (mm)	Minimum Breaking Force (tons of 2000 lbs)	Weight (lb/ft)
12	15.8	0.45

14	21.4	0.61
16	27.8	0.79
19	39.0	1.1
22	52.0	1.5
23	56.8	1.6
24	61.7	1.8
26	72.1	2.1
28	83.3	2.4

RELATED INFORMATION

- [View XLT4 Product Brochure](#)
- [View XLT4 Design Factor Product Bulletin](#)
- [View XLT4 End Attachments Product Bulletin](#)
- [View XLT4 Four-Strand Rope Product Bulletin](#)
- [View XLT4 Sheave Wear Product Bulletin](#)
- [View XLT4 Low Torque Product Bulletin](#)

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