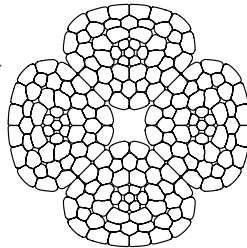


XLT⁴: High strength, low torque

- **Greater listing capacity, toughness and durability than any rotation-resistant rope you operate.**
- **Higher capacity, less torque, lower cost.**

XLT⁴ ropes are specially designed to provide very low torque, a high minimum breaking force and high resistance to wear in multi-layer spooling.

Under load, XLT⁴ generates near-zero torque, matching or surpassing the stability of Category 1 35 x 7 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.



XLT⁴ rope's 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. With the rope's high capacity, lifts may be feasible using fewer parts of line – boosting the speed, efficiency and productivity of crane work.

Because of its unique construction, XLT⁴ performs best on grooved drums that are larger than the minimum required D/d and where the entire length of the rope is subjected to loading in normal operation.

Where there is multiple layer spooling, the base layers on the drum must be under tension to assure proper spooling and to avoid “pull-in” of the upper layers.

The tension on these lower layers ensures that the rope is both tight against adjacent wraps and tight around the drum which establishes a solid foundation for the upper layers.

MINIMUM BREAKING FORCE AND WEIGHTS FOR XLT⁴

Diameter (in.)	Diameter (mm)	Minimum breaking force (tons of 2,000 lbs.)	Approx. wt./ft. (lbs.)
1/2	12	15.8	0.45
	14	17.7	0.51
9/16 5/8	16	22.3	0.65
		27.4	0.79
3/4	19	27.8	0.79
	22	39.0	1.1
7/8	23	39.2	1.1
		52.0	1.5
		53.0	1.5
1	24	56.8	1.6
	26	61.7	1.8
		83.3	2.4
1-1/8	28	68.9	2.1
1-1/8	28	72.1	2.1
		86.7	2.6



A WireCo[®] WorldGroup Brand

816.270.4700
info@wirecoworldgroup.com

12200 NW Ambassador Drive
Kansas City, MO 64163-1244

fax: 816.270.4707
www.UnionRope.com