



A Double-Braid Rope Built to Replace Steel Wire

The durable polyester sheath protects the high-strength, low-elongation HMPE core. With the same strength and low stretch characteristics as steel wire but at a fraction of the weight, the CoreX-12 is ideal for use as a winch line but can be used for any lifting applications where high strength and low stretch is required. Available in diameters ranging from 3/8" up to 1 1/4" at the length you require.

- 24-Strand Double Braid
- Polyester sheath with an HMPE Core
- High strength and very low stretch comparable to steel wire at a fraction of the weight
- Excellent UV and abrasion resistance
- Optimized twist and braid angles to deliver ultimate strength
- Easy to splice
- Can be coated with Sterling's abrasion-resistant coating for increased durability
- Industry standard label requirements can be implemented on request (i.e ASME B30.30, ANSI, ASTM etc)
- Scannable Compatibility – Unique product serialization to allow for track/trace and equipment inspections on the Scannable platform at the tap of a phone (minimums apply)
- Ideal for Winch lines, lifting slings and rigging lines



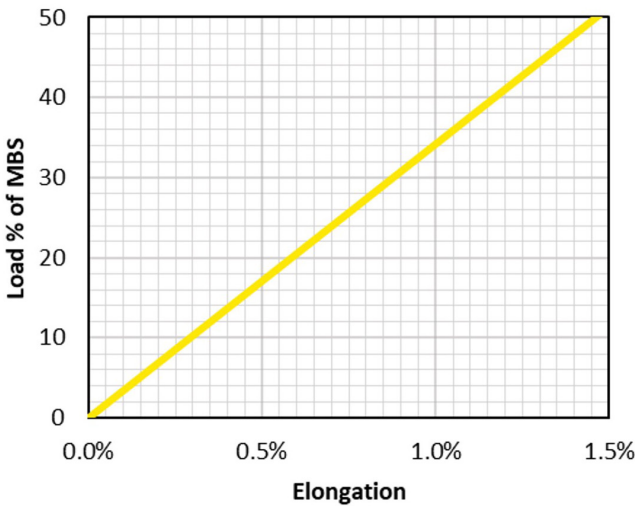
Rope Construction	24-Strand Double Braid
Sheath Material	Polyester
Core Material	HMPE
Specific Gravity	1.38
Melting Point	148°C (298°F)
Elongation at Break	3.5%
Fiber water absorption	<0.5%
UV resistance	Excellent
Chemical Resistance	Very Good - Polyester can be decomposed by strong acids
Abrasion resistance	Excellent

SPECIFICATIONS

Nominal Diameter		Weight		Average Break Strength		Minimum Break Strength	
(in)	(mm)	lbs/100ft	kg/100m	(lbs)	(kgs)	(lbs)	(kgs)
3/8	9.5	3.8	5.7	13,200	6,000	11,880	5,400
7/16	11.1	5.6	8.4	17,800	8,091	16,020	7,282
1/2	12.7	6.7	10.0	23,000	10,455	20,700	9,409
9/16	14.3	10.2	15.2	28,500	12,955	25,650	11,659
5/8	15.9	12.3	18.3	41,000	18,636	36,900	16,773
3/4	19.1	15.2	22.7	47,000	21,364	42,300	19,227
7/8	22.2	18.8	28.0	68,800	31,273	61,920	28,145
1	25.4	22.2	33.1	85,000	38,636	76,500	34,773
1-1/8	28.6	32.6	48.6	100,000	45,455	90,000	40,909
1-1/4	31.8	40.1	59.8	120,000	54,545	108,000	49,091

All break strength data is based on spliced terminations and tested in accordance with CI-1500B

**CoreX-12
Load vs Elongation**



Elongation starts from the 'Initial Tension' of the rope (200xD2) according to CI-1500

