



## Ultrex<sup>E</sup>

Advanced fiber technologies and engineering provide Ultrex<sup>E</sup> with dependable strength and performance. Manufactured in the United States using premium imported HMPE fiber, Ultrex<sup>E</sup> offers the core benefits of HMPE in a reliable and economic (E) price point. As one of the most forgiving high-modulus fibers, HMPE provides improved sheave-cycling performance compared to other high-tech fibers. Its 12-strand single braid construction, combined with optimized braid angles and twist levels, is designed to maximize break strength while keeping elongation low. A strand-level coating enhances abrasion resistance and handling characteristics for consistent performance across a wide range of applications.



### Specifications

Diameter Inches	Weight Lbs/100ft	Spliced Minimum (Lbs)	Unspliced Minimum (Lbs)
1/16	0.1	720	792
1/8	0.3	1,800	1,980
5/32	0.5	2,500	2,750
3/16	1.0	5,100	5,610
1/4	1.7	7,900	8,690
5/16	2.4	12,500	13,750
3/8	3.6	17,000	18,700
7/16	4.6	22,500	24,750
1/2	6.4	32,000	35,200
9/16	8.0	38,000	41,800
5/8	9.5	45,000	49,500
3/4	14.0	64,000	70,400
7/8	17.9	86,000	94,600
1	24.2	100,000	110,000
1-1/8	28.8	125,000	137,500
1-1/4	33.9	150,000	165,000
1-5/16	41.8	160,000	176,000
1-1/2	55.4	210,000	231,000

\* Knots and abrupt bends significantly reduce the strength of all ropes.