



UltrexE

Advanced fiber technologies and engineering provide UltrexE with dependable strength and performance. Manufactured in the United States using premium imported HMPE fiber, UltrexE 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.