



Ultrex

Ultrex is the premier 12-strand single braid rope manufactured in the USA by Yale Cordage. Ultrex is made from Dyneema® (HMPE) fiber and enhanced with the extremely durable Maxijacket High Performance coating, which supplies superior abrasion resistance. The Maxijacket coating is applied on fiber / strand level, meaning that the coating is applied before braiding. Because of this, Ultrex offers exceptional abrasion resistance and long wear life—even in harsh environments. Ultrex’s braid angles and twist level are designed to optimize break strength and keep stretch low.



Specifications

Diameter Inches	Weight Lbs/100ft	Spliced Minimum (Lbs)	Unspliced Minimum (Lbs)
1/16	0.1	950	1,045
1/8	0.3	1,900	2,090
5/32	0.5	3,000	3,300
3/16	1.0	5,400	5,940
1/4	1.7	9,000	9,900
5/16	2.4	13,000	14,300
3/8	3.6	18,000	19,800
7/16	4.6	23,500	25,850
1/2	6.4	33,500	36,850
9/16	8.0	40,500	44,550
5/8	9.5	47,500	52,250
3/4	14.0	67,000	73,700
7/8	17.9	88,000	96,800
1	24.2	100,000	110,000
1-1/8	28.8	130,000	143,000
1-1/4	33.9	150,000	165,000
1-5/16	41.8	160,000	176,000
1-1/2	55.4	225,000	247,500

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

Premier 12-Strand Single Braid Rope Made with Dyneema Fiber

American-Made. Dyneema[®] Strong. Maxijacket Tough.

Ultrex is Yale Cordage's premier 12-strand single braid rope, proudly manufactured in the USA from Dyneema high-modulus polyethylene (HMPE) fiber. Engineered for professionals who demand maximum strength, minimal stretch, and long-term durability, Ultrex delivers reliable performance in the toughest environments.

Enhanced with Maxijacket High Performance Coating, Ultrex offers industry-leading abrasion resistance. Unlike traditional coatings applied after braiding, our coating is applied at the fiber level before the rope is braided, ensuring deep, long-lasting protection throughout the rope structure.

- ✓ **DYNEEMA FIBER IS DOMESTICALLY SOURCED & MANUFACTURED**
- ✓ **FLEXIBLE & EASILY SPLICED**
- ✓ **LOW ELONGATION**

LEARN MORE ABOUT ULTREX ROPE
WWW.YALECORDAGE.COM

**PROUDLY
MADE IN USA**





Ultrex	Rope Information
Diameter(s)	1/16", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-5/16", 1-1/2", 1-5/8", 1-3/4", 2"
Construction	12-Strand
Maxi jacket HP Coating	Fiber-Level
Material	Dyneema Fiber
Elongation	Low
Color Options*	Yellow, Green, Blue, Black, Red, Orange
Splicing	Easily Splice
Water Absorbtion	0%

*Contact Yale Cordage for additional color requirements



HIGH QUALITY DYNEEMA FIBER

Ultrex is a 12-strand single-braid rope made from domestically produced Dyneema® fiber, delivering high strength, low stretch, and excellent abrasion resistance.



FLEXIBLE CONSTRUCTION

12-strand braided construction delivers excellent flexibility, making Ultrex easy to coil and handle in the field.

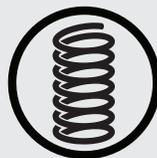


NO WATER ABSORPTION

Ultrex absorbs zero water, maintaining its lightweight performance and strength even in wet or freezing conditions.

EASILY SPLICED

Ultrex is designed for easy splicing. Its 12-strand single-braid construction design, open braid structure, and Yale's strand level coating technique allows for quick, reliable splicing, reducing downtime and making Ultrex the ideal rope for applications where terminations or length adjustments are needed.



LOW ELONGATION

Ultrex delivers extremely low elongation under load, ensuring precise, predictable performance. Its minimal stretch makes it ideal for applications where stability and load control are critical.

SUPERIOR ABRASION RESISTANCE

Ultrex offers excellent abrasion resistance, making it a reliable choice for harsh environments. Each strand is coated individually during manufacturing, providing added protection against wear and extending the rope's service life without sacrificing flexibility.