



YALE
CORDAGE
A SLINGMAX GROUP COMPANY

Ultrrex SLE

(12-Strand HMPE rope)



Meet Ultrrex SLE, the next evolution of Ultrrex M, designed specifically for stringing line applications.

Ultrrex SLE is our new 12-strand HMPE rope purpose-built for the Electric Utility and Transmission Industry, engineered to deliver reliable performance in demanding stringing applications. The next evolution of Ultrrex M, Ultrrex SLE is manufactured from premium imported HMPE fiber and designed with optimal fiber selection to provide lightweight handling while maintaining the rugged durability required in the field. Its precisely controlled diameter and calibrated braid construction ensure smooth compatibility with industry standard pullers, tensioners, and pilot line systems, reducing equipment wear, improving safety, and delivering consistent tension control.

Enhanced coatings help combat the yarn on yarn abrasive wear common in stringing line applications, while a new high-visibility pigment improves visibility on the jobsite. Backed by extensive in-house testing at Yale Cordage, Ultrrex SLE is not just a reformulation—we evaluated hundreds of design combinations to engineer a rope that delivers dependable handling, low stretch for accurate sagging and line placement, and trusted Ultrrex performance on every transmission project.

ENGINEERED FOR ELECTRIC UTILITY

Specifically developed to perform reliably with standard stringing equipment, such as pullers, tensioners, and pilot line systems used in overhead transmission construction

LOW STRETCH FOR CONTROLLED TENSION

Ensures stable line placement with minimal load deformation, ideal for conductor pulling and sagging applications.

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Ultrex SLE Chart – 12 Strand HMPE Rope Designed Specifically for Stringing Applications

Size	Spliced Minimum Breaking Strength (lbs)*	Unspliced Minimum Breaking Strength (lbs)**	Lb/100ft
7/16"	22,500	24,750	4.2
1/2"	32,000	35,200	6.1
5/8"	42,500	46,750	9.0

*Spliced break strengths are determined in accordance with CI1500 requirements

**Unspliced break strengths are determined in accordance with ISO 2307 requirements



FIBER LEVEL COATING

Each strand of HMPE fiber is individually coated with Yale's Maxijacket urethane coating prior to braiding, adding significant durability to Ultrex SLE.



SPECIFICALLY CALIBRATED

Diameter, construction, and braid design are optimized to ensure smooth operation and controlled tensioning through typical utility equipment, reducing wear and enhancing safety.



LIGHT WEIGHT

Easily handled by line crews or aerial deployed by helicopter, reducing fatigue and improving job site efficiency.

When Performance Matters Choose Yale Cordage

Contact **Yale Cordage**
for pricing & availability

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