

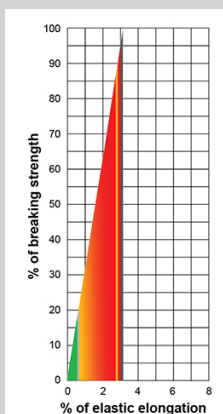
Ultrex^{SL}

Single Braid



Engineered specifically for the utility stringing line industry, this rope combines high tensile strength with an extremely lightweight construction for easier handling and aerial deployment. It is calibrated for use with industry-standard sheaves and equipment and features low stretch for controlled sagging and tensioning during stringing operations. Available in lengths of 6,000 feet or greater, it is made in the USA using premium Dyneema® SK-75 HMPE fiber.

Diameter (in)	Spliced Minimum Breaking Strength (lbf)*	Unspliced Minimum Breaking Strength (lbf)**	Average Breaking Strength (lbf)	Weight (lb/100ft)
7/16	23,500	25,500	26,500	4.5
1/2	33,500	36,500	37,500	6.4
5/8	47,500	52,000	53,000	9.2



Energy Absorption

The colored area under the curve represents the rope's ability to do "work" and is expressed in foot-pounds per pound of rope in tension.

■ Green working 318 ft. lbs./lb.

■ Red ultimate 8,300 ft. lbs./lb.

Dielectric Strength: The maximum allowable leakage for clean, dry Ultrex^{SL} is 75 micro-amperes when tested at 100kV per Yale Method 712-1701 Rev 1 "Routine Production Test." Absorbed and entrained moisture or impurities will increase rope's conductivity dramatically.

Approved Splice Technique: #10015112, #10018009.

Minimum Break Strength

*Knots and abrupt bends significantly reduce the strength of all ropes and lower maximum working load.

**Working load is based on static or moderately dynamic lifting/ pulling operations. Instantaneous changes in load, up or down, in excess of 10% of the rope's rated working load constitute hazardous shock load and would void the normal working-load recommendation. Consult Yale Cordage for guidelines for working loads and the safe use of rope.