YALE CORDAGE
A SLINGMAX GROUP COMPANY

Tree Line

Rope Tools

Tree Line is a purpose-built climbing and work-positioning rope engineered for high-performance use as a hitch cord in professional arborist climbing systems. Constructed with a 32-carrier, 1-ply braided sleeve, Tree Line delivers an exceptional balance of hand feel, abrasion resistance, and predictable performance across a wide range of climbing systems. The sheath features a carefully balanced Technora-to-polyester ratio of nearly 1:1, giving the rope the heat resistance, grip, and structural stability of Technora while retaining the smooth handling and flexibility that polyester is known for.

At the center of Tree Line is a 12-strand core built from a twisted blend of HMPE and Vectran fibers—a design that brings together the high strength and low elongation characteristics of HMPE with the exceptional creep resistance and thermal stability of Vectran. This hybrid core delivers dependable strength under load, controlled stretch for precise movement, and long-term stability even in demanding environments.

Diameter (in)	Average Break Strength* (Lbs)	Weight (lb/100ft)
5/16	7,000	3.1
3/8	9,000	3.8

*Average break strength is based on spliced rope or capstans samples. Knots and abrupt bends significantly reduce the strength of all ropes and lower the design factor.