

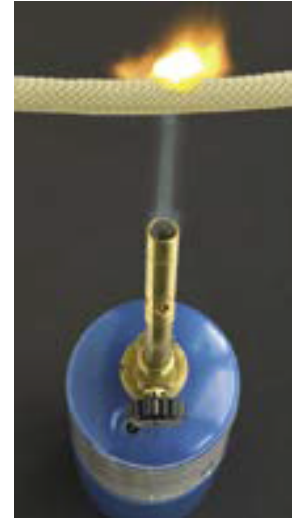
Tech Kern

Double Braid

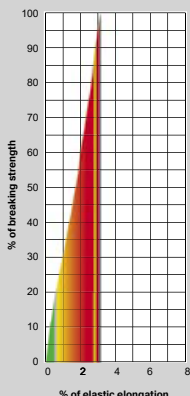


Tech-Kern is a Kernmantle-style rope consisting of a braided Technora® Aramid core covered by a 48-strand Technora mantle.

If you are familiar with our Kernmaster, you already know the advantages of a braided-core rappelling line. The Tech-Kern was designed to bring the highest heat resistance to the market. Technora has a high melting point and acts as a heat sink when used with high-friction applications, as with descent devices.



Diameter (inches)	Weight (Lbs/100f)	Minimum Spliced Break Strength *(lbs)	Unspliced Minimum Break Strength (lbs)
0.45	7.6	21,000	23,100



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 233 ft. lbs./lb.

■ Red ultimate 4,571 ft. lbs./lb.

Dielectric Strength: Due to their moisture gain, high-dielectric applications are not recommended for Tech Kern.

Approved Splice Technique: #10018000.

■ Minimum Break Strength

Specific Gravity: 1.44

*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.