

Tech-Kern

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. If heat is on your mind, consider Tech-Kern.

Technora®

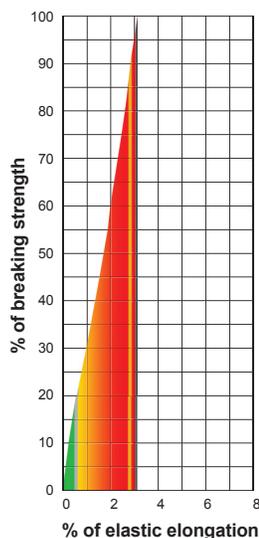
The power of Aramid

Specifications

Diameter		Average Spliced Break Strength*		Minimum Spliced Break Strength*		Maximum** Working Load 10:1		Weight	
Inches	(mm)	Lbs	Kg	Lbs	Kg	Lbs	Kg	Lbs/100ft	Kg/100m
0.45	(11.4)	21,000	9,530	18,900	8,577	2,100	953	7.6	11.3

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

** For situations where a person is NOT on the rope, the working load may be doubled (5:1).



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.

Approved Splice Technique: #10018000.

- Maximum Working Load
- Minimum Break Strength
- Average Break Strength

Specific Gravity: 1.44

