

THE FLY

Spliceable Low-Elongation Kernmantle

PRODUCT DESCRIPTION:

The Fly represents a quantum leap forward in the evolution of the static kernmantle. Combining New England Ropes' rich history of innovation and engineering along with extensive research & development with leading experts in the field has yielded this revolutionary rope. Designed for all vertical applications that interface with mechanical hardware, The Fly offers a level of performance never before thought possible. Not only does The Fly break down the conventional wisdoms on performance, but also the notion that static kernmantles can't be spliced. Built to the exacting EN 1891 standard for low elongation ropes, The Fly offers the perfect combination of the low stretch characteristics of a static rope with the added safety of being



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able to withstand the forces and absorb some of the energy generated by a fall. The Fly's unique construction creates a rope that's easy to knot yet resists flattening and glazing. With a hand that's the perfect balance between firm and supple, The Fly runs through gear without feeling mushy and gives you a smooth and controlled descent. Add to this excellent knot holding capabilities, and The Fly gives you all the confidence you need when working aloft.

FEATURES:

- Unique spliceable kernmantle construction
- Resists flattening and glazing
- Excellent knot holding / Easy to knot
- Low elongation
- Durable cover

APPLICATIONS:

- Arborist Climbing Rope
- Window cleaning operations
- Ropes course / Rope Access
- Indoor climbing

STANDARD DIAMETER:

11mm

ELONGATION:

5.0% per NFPA

2.5% per EN 1891

TENSILE STRENGTH:

6,000 lbs.

WEIGHT (LBS/100'):

6.00

Compliance to the above specifications is based upon testing according to the Cordage Institute Standard CI 1500.
Weights - Are average and may vary +/- 5%

SUNLIGHT/UV:

Very little degradation from UV. Can be used outside over long term if inspected regularly. All synthetic fibers are prone to some degradation due to prolonged exposure to UV radiation. When ropes are not in use, store them in a cool dry location away from direct exposure to sunlight.

CHEMICALS:

Good resistance to most minerals / organics, acids, and weak alkalis. Excellent resistance to bleaches and other oxidizing agents and most solvents. Polyester is generally considered to have a better overall resistance to acids or oxidizing agents. Nylon is preferred when exposed to alkalis.

HEAT:

Melting point of Polyester is 480°F with progressive strength loss above 300°F.

Melting point of Nylon is 460°F with progressive strength loss above 300°F.

DIELECTRICS:

Good resistance to the passage of electrical current. However in rope form, dirt, surface contaminants, water entrapment and the like can significantly affect dielectric properties. Extreme caution should be exercised any time a rope is in the proximity of live circuits.

SHEAVES:

Recommended D/d* ratio is 8:1

(* Sheave Diameter to Rope Diameter)

WORKING LOADS:

No blanket working load recommendation can be made because it depends on the application and conditions of use, especially potential danger to personnel. It is recommended that the user establish working loads and safety factors based on professional and experienced assessments of risks. The working load is a guideline for the use of a rope in good condition for non-critical applications and should be reduced where life, limb, or valuable property is involved, or exceptional service such as shock, sustained loading, severe vibration, etc. The Cordage Institute specifies that the Safe Working Load of a rope shall be determined by dividing the Minimum Tensile Strength by the Safety Factor. Safety factors range from 5 to 12 for non-critical uses, 15 for life lines. $SLK = \text{Minimum Break Strength} / \text{Safety Factor}$

COLOR:

Red with white fleck

QUALITY ASSURANCE:

New England Ropes takes great care in manufacturing ropes that are of the highest quality. A few common sense rules will assist you in getting the best performance from our products in a safe manner. Proper care and preventive maintenance are essential factors in the safe use of rope in all applications. A thorough understanding of the different rope designs and their limitations will assist you in selecting the proper rope for the job.

STANDARD LENGTH:

120', 150', 200' (60m), & 660' (200m)

FABRICATION SERVICES:

2" soft eye one end (Part# 5p2M1-11) for 120', 150', & 200'.

Round plastic thimble one end (Part# 5p0J1-11) for 120', 150', & 200'.

COMPLEMENTARY PRODUCTS:

- Jackson Flipline
- 8mm Prussik Cord
- Treeline Bull Rope
- **Safety Pro 12**
- Multiline II

PART NUMBER SERIES: