

QUADRIFOIL

Technical Data Sheet

Q-PowerLine

The only line specifically engineered for Kite Sailing applications



- *Spectra2000® Fiber for the Highest strength/weight ratio*
- *Round Cross-Section - Minimizes Drag*
- *Linear Core for Almost Zero Stretch*
- *Extremely Tight Overbraid Resists Dirt Pickup*
- *Self-Lubricating for Smooth Action*
- *No Sleeving Required - Easy to Adjust Line Length*
- *High Modulus (Stiffness) - Reduces Tangling - Especially in Water!*
- *Carefully looped, precision measured pair on a winder in 3 strengths and 4 lengths, or Bulk spools*
- *Available both in white, High-Visibility Yellow and new High-Visibility Orange*

Q-Power utilizes an internal core consisting of linear strands of very high tenacity Spectra2000® fiber encased in an extremely tight braided Spectra2000® sheath. All strength in the line is attributed to the core only, with the overbraid's function limited to keeping the strand bundle together. Since the fibers are linear from the start, there is no continuous 'stretch' as found in traditional line, where the braid tightens with use. Any stretch is therefore limited to the elongation of the actual fibers, which is minimal when compared to braided line.

This minimized tendency to stretch and longer length stability:

- dramatically increases the pilot's ability to 'FEEL' what the kite is doing,
- improves kite responsiveness,
- minimizes the need to 'retune' the flying line lengths,
- reduces the kite instability caused by continuous stop (power) line 'stretching'

Since an internal core bundle of fibers are used, Q-Power Line resists the tendency to flatten out and when compared to traditional braided line has a very round cross-section. This minimizes the effective diameter and drag. Minimum drag means maximum performance. The high overbraid angle (almost 90 degrees) allows the overbraid to cushion the internal bundle, effectively self-sleeving the line. Retying and adjusting lines is easy. The tight overbraid does not relax like normal line when tension is removed and for this reason the line does not pick up dirt so there is no wear problem caused by dirt trapped in the braid. Line-life is substantially increased. Using 100% pure Spectra fibers provides the highest strength-to-weight ratio possible. See chart. The tight overbraid also has the added benefit of stiffening the line, thereby minimizing the tendency for the line to 'self-knot' if the kite collapses.

Sold as carefully looped, precision measured pairs to be combined with equivalent lengths of either Q-Power (for water applications) or Q-LineUP (for land applications) bottom line sets for quad line use.



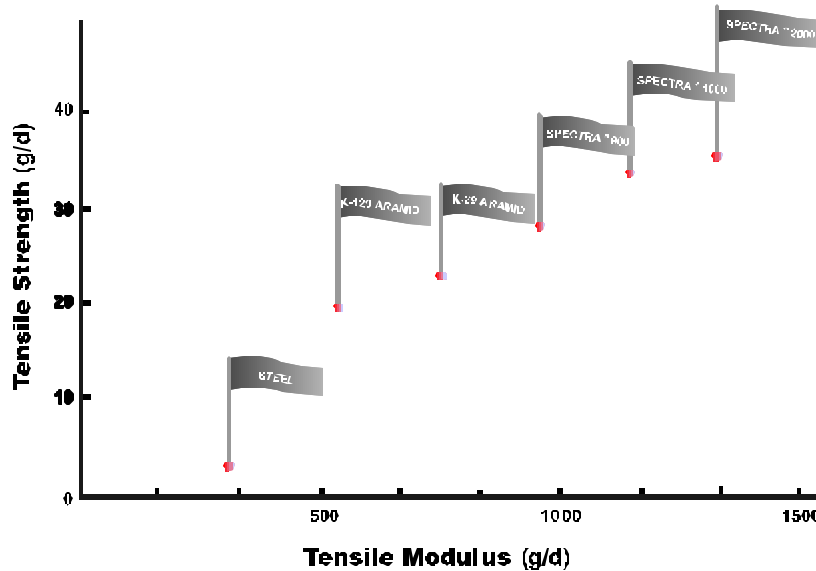
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Line Program - Q-PowerLine

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Catalogue #	Weight	Length
Linesets		
26.30200.050	2x200lb(91kg)	50ft(15m)
26.30200.075	2x200lb(91kg)	75ft(23m)
26.30200.100	2x200lb(91kg)	100 ft (33m)
26.30201.100	HVs 2x200lb(91kg)	100 ft (33m)
26.30200.150	2x200lb(91kg)	150 ft (46m)
26.30300.050	2x300lb(136kg)	50ft(15m)
26.30300.075	2x300lb(136kg)	75ft(23m)
26.30300.100	2x300lb(136kg)	100 ft (33m)
26.30301.100	HVs 2x300lb(136kg)	100 ft (33m)
26.30303.100	HVs 2x300lb(136kg)	100 ft (33m)
26.30300.150	2x300lb(136kg)	150 ft (46m)
26.30600.075	2x600lb(272kg)	75ft(23m)
26.30600.100	2x600lb(272kg)	100 ft (33m)
26.30601.100	HVs 2x600lb(272kg)	100 ft (33m)
26.30603.100	HVs 2x600lb(272kg)	100 ft (33m)
26.30600.150	2x600lb(272kg)	150 ft (46m)
Bulk		
26.30200.001	200lb(91kg)	1000 ft(305m)
26.30201.001	HVs 200lb(91kg)	1000 ft(305m)
26.30300.001	300lb(136kg)	1000 ft(305m)
26.30301.001	HVs 300lb(136kg)	1000 ft(305m)
26.30303.001	HVs 300lb(136kg)	1000 ft(305m)
26.30600.001	600lb(272kg)	500 ft (152m)
26.30601.001	HVs 600lb(272kg)	500 ft (152m)
26.30603.001	HVs 600lb(272kg)	500 ft (152m)



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