



PHOENIX FLEX

High performance rope with a twisted pair firing cable

Designed to eliminate the need to walk forward to a device dragging both rigging rope and a firing cable, Phoenix Flex is a new idea that combines the performance of a high specification low stretch rigging rope with a twisted pair firing cable.

The unique line can be used with any classic rigging equipment or disruptor and electronic initiator.

In uses its operation is identical to normal rigging rope but offers ultra low stretch characteristics, and the rope ends can be stripped to reveal the integrated firing cable for connection to a disruptor or other explosive charges. It is very easy for the rope to be re-used if the end is damaged - with the use of a 'fid' the line end loop can be easily remade and extra branch lines added.

Specifications

- Construction
Inner: Insulated twisted twin cable core
Outer: 12 strand fibre cover
- Ends: Not terminated
- Line length: 125m (137 yards)
- Diameter: 4.5mm
- Breaking strength: 1.7 tonnes (3813lbs) before continuity is lost

Rigging rope

- Stretch: Very Low <1% on worked and rested line
- UV resistance: High
- Strength: Very high
- Waterproof: Low water pick up
- Colour: Dark Grey
- Treatment: Heat set/ Pre-stretched/ PU coating
- Melting point: 1400C (2840F)
- Splicing: Easy using splicing fid kit

Twisted pair firing cable

- Conductor material: Tin plated copper
- Conductor size: 0.5mm2 x 2
- Voltage rating: 600V AC
- Current rating: 10A
- Insulation: 19/0.20mm TPC ETFE
- Construction: 2 cores uniformly twisted together, not less than 60 complete twists per meter
- Breaking strength of cable only: 12-14Kg (26 - 30lbs) before continuity is lost
- DEF STAN: 16-12 part 29

Reel

- 125m reel
- Weight: 3.25kg
- Diameter: 220mm (8.5")
- Height: 110mm (4.25")

Part No	Description	NSN
KT-600-888	Phoenix Flex - hook and line rope with integral multi-core firing cable - 125m reel (137 yards)	1385-99-613-5638