

Q1

Strong and light weight

Pre-stretched rope of UHMWPE/Dyneema® yarns

Information

Q1 is a 12-strand braided line from UHMWPE (high-grade polyethylene) /Dyneema® SK78 yarns with a PU coating. This type of line is often used as an alternative to steel wire. Thanks to our pre-stretch and coating installation, the elongation is significantly reduced and the breaking strength increased compared to other alternatives in the market.

Applications of this line are legion of, winch rope, pull rope, line for sled dogs, substation line to attract gliders. Since this line is also available in black it is also used in applications where the rope may not be visible, such as theatres and studios.



Properties

- > Easy splicable
- > Extreme strong and very light (Dyneema® SK78, UHMWPE)
- > Low elongation, approx. 1% at 50% of the breaking force. Thanks to our specially developed coating installation, even stronger and even less elongated than the other Dyneema® lines in the market
- > Polyurethane (PU) coating, for UV resistance and wear resistance

Technical specifications

Material: UHMWPE/Dyneema® SK78

Construction: 12-strand braided

Specific gravity: 0.99 (Floats)

UV resistance: Good

Abrasion resistance: Good

Chemical resistance: Good

Spliceability: Easy

Wet vs. dry strength: 100%

Melting point: 150 °C

Short heat resistance: 80 °C

Elongation (at 20% break): 1,5%

Colors: silver grey



More information

www.langmanropes.com/q1