

POLYESTER

Twisted polyester rope

Polyester rope in the twisted construction, low elongation and good UV- en abrasion resistance. For the industry and decoration



Information

Langman Ropes polyester rope is very good UV-resistant and has relatively low elongation. Polyester rope is used for a wide variety of applications, but it's mostly used in the shipping industry and other industrial applications. In braided constructions it is used a lot as mooring line and towing line. The twisted construction is often used as halyard ropes on tall ships. In the industry pre-stretched polyester rope is also used a lot as hoist rope. In addition polyester rope can also be used for decorative applications outside, because of the very good UV-resistance. Besides that polyester rope can also be made fire retardant according to the Dutch NEN 6065 building rules. In short, a rope for applications where a low elongation and a high UV-resistant are important.

Properties

- High tenacity polyester yarns
- Very good UV-resistant
- Low elongation
- Strong rope
- Both wet and dry the same breaking strength
- Production according to DIN EN697

Technical specifications

- Material: Polyester
- Construction: Twisted
- Specific gravity: 1.38 (Sinks)
- UV resistance: Excellent
- Abrasion resistance: Very good
- Chemical resistance: Very good
- Splice ability: Average
- Wet vs. dry strength: 100%
- Melting point: 265 °C
- Short heat resistance: 170 °C
- Elongation (at 20% break): 3%
- Colours: White and black



More information

www.langmanropes.com/polyester-twisted