

This kind of rope is the effective combination of **High Performance Polyester** and **Supersteel fibers** (*Supersteel is Black Rope's special melt mixture of high-performance raw materials – Polypropylene, High-Density Polyethylene & UV stabilizer*) and offers a higher tensile strength, great flexibility, better abrasion resistance, easy handling, easy operations and floating properties. The rope is constructed in accordance with **EN ISO 10556 § 5.2.1., MEG4 / OCIMF** and **SOLAS requirements**. The cover yarns of each strand of fiber rope are made of polyester fibers covering a **Supersteel** core, containing a minimum of 40 % by mass of polyester fiber. Last but not least, the **High Performance Mixed Rope** is manufactured by utilizing the **Double Twist** technology which grants anti-abrasion and suspensions properties to your mooring ropes.

Characteristics

- High strength & High stretch
- No difference in tensile strength dry & wet
- Double twist technology

Range

- **Diameter:** 10mm ~120mm
- **LDBF:** 18Kn ~ 2471Kn
- **Strands:** 3 , 8 , 12
- **Applications:** mooring rope, tail & towing

Specifications

- **Specific Gravity:** 0.99g/cm³ (floating)
- **Melting Point:** 165 °C (PP) / 265°C (PES)
- **Abrasion Resistance :** Very Good
- **Chemical Resistance:** Good
- **UV Resistance:** Very Good
- **Water Absorption:** None
- **Elongation:** 17% ~ 19%

Benefits

- Floating properties
- Ease of handling
- High breaking strength
- Extended service life

