

S12[®] HMPE ROPE



If compared conventional fiber ropes with wire ropes, S12[®] HMPE offer you extra high strength, low weight, superior fatigue, abrasion and UV resistance, flexibility, easy one-man handling and wire-like elongation characteristics. The application of **coatings & heat setting procedures** create gives an enhanced structural stability and an improved coefficient of friction necessary for the optimum mooring & anchoring operations. The application of specially designed coatings is a standard procedure for this highly advanced fiber which increases the coefficient of friction (in the cases of un-jacketed ropes) and improves dramatically the behavior when used in capstans, winches etc. without affecting their performance. In addition, S12[®] HMPE ropes have the lowest snap back reaction under load which is an advantage in favor of the safety on board for the personnel working near the ropes. S12[®] HMPE ropes are produced according to **ISO 10325** and acc to **MEG4 OCIMF** regulations. Last but not least, Black Rope HMPE ropes come with **5 years warranty**.

Characteristics

- Extremely high strength
- Low snap back reaction under load
- Very good abrasion resistance

Benefits

- Floating properties
- Ease of handling
- Maximum safety
- Very long service life time

Range

Diameter: 6mm ~96mm

LDBF: 41Kn ~ 6139Kn

Strands: 12

Applications: mooring rope, towing

Specifications

- Specific Gravity: 0.97g/cm³ (floating)
- Melting Point: 150°C
- Abrasion Resistance : Very Good
- Chemical Resistance: Good
- UV Resistance: Very Good
- Water Absorption: None
- Elongation : 4%