Spectra® Ultra High Molecular Weight Polyethylene ropes are suitable for tanker mooring lines, pennant lines for offshore rigs, tow hawser, ship assist lines and many other applications in the shipping, oil and commercial fishing industries.

The ropes float in water, and their low elongation (3%) and low weight make them easy to handle for quick and accurate maneuvering of vessels, especially in distress and critical situations.

Exhibiting a very high strength-to-weight ratio (10 times stronger than steel and 3 times stronger than polyester), Spectra ropes are widely used and accepted by major classification societies for first installation in new buildings. They provide a high level of security and protection conforming to OCIMF’s latest regulations and recommendations for safe mooring of tanker vessels.

They have less volume (due to the smaller sizes used), which makes them easy to store; in an emergency, they can be rapidly deployed even by a single individual.

Properties:
- High resistance to chemicals, water and UV light
- Excellent vibration damping
- High resistance to flex fatigue
- Low friction co-efficient and dielectric constant
- High creep resistance
- Abrasion resistance
- Rotation and kink resistance
- Melting point: 145°C
- Temperature resistance: 70°C max continuous
- Equal strength in dry or wet conditions
- Specific gravity: 0.97 (floating)

Spectra® is a registered trademark of Honeywell USA.

Recommended Working Load Limit is 20% of Breaking Load.

This rope complies with the latest regulations and recommendations of O.C.I.M.F. for the safe mooring of tankers.