

MAXIFLEX

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The mooring line with HMPE ideal for ultra-large vessels

GENERAL

MAXIFLEX is an in-house developed rope made with HMPE fibers. It is a lighter mooring rope with reduced diameters (up to 50%). Achieving a comparable breaking strength, MAXIFLEX is four times lighter in weight than the most commonly used synthetic mooring ropes and seven times lighter than steel wire.

MAXIFLEX can be produced with different diameters, strengths and lengths in function of the vessel's hardware. BEXCO develops a custom-made MAXIFLEX rope that meets break load requirements (MBL) as per the OCIMF guidelines while not exceeding the Safe Working Load (SWL) of the vessel equipment and taking into account the desired rope diameter in accordance with winch specifications. Also other specific customer requirements can be taken into account.

FEATURES

- **Material:** Ultra – High Molecular Weight Polyethylene, BEXCORD®
- **Construction:** 12-strand braided
- **Treatment:** internal and external abrasion-resistant coating
- **Color of Rope:** white
- **Approx. Spec. Density:** 0,975 coating
- **Melting Point:** 145° C
- **Abrasion Resistance:** Excellent
- **U.V. resistance:** Good
- **Temperature resistance:** 70°C max continuous
- **Chemical resistance:** Excellent
- **Dry & wet conditions:** Wet strength equals dry strength

APPLICATIONS

Moorings

SECTORS

Container ships, Passenger ships

MAXIFLEX					
Dia	Circ.	Dia	Min. Break Load		Weight
mm	"	"	tf	kN	kg/100m
No standard diameter / MBL / Weight information available. This product is made on request and developed to specific customer requirements.					



