

# ocTOPus® MIX MOORING ROPES



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ocTOPus® Mix mooring ropes are made of best grade raw materials like High Tenacity Polypropylene Monofilament and Polyester Fiber. The biggest advantage of ocTOPus® Mix is abrasion resistance and as a consequence — long service life.

## Construction

8-strand plaited rope, Regular Lay  
Standard Length 220 mtr (can be customized)

## Benefits

- Specific Gravity : 0.98, floating
- Melting Point : 165-250C
- Elongation 18-20%
- Excellent abrasion resistance
- Fully UV stabilized
- Wet strength equals dry strength
- Does not absorb water
- Excellent chemical resistance
- Produced in accordance with OCIMF MEG4 guidelines and IACS approved



ocTOPus®

| Dia<br>mm | Cir.<br>inch | Line Design<br>Break Force (LDBF)<br>ton | Weight<br>kgs/220m |
|-----------|--------------|--|--------------------|
| 40        | 5            | 33.0                                     | 175.0              |
| 44        | 5-1/2        | 40.0                                     | 210.0              |
| 48        | 6            | 47.0                                     | 253.0              |
| 50        | 6-1/4        | 53.0                                     | 275.0              |
| 52        | 6-1/2        | 58.0                                     | 300.0              |
| 56        | 7            | 67.0                                     | 354.0              |
| 60        | 7-1/2        | 72.0                                     | 395.0              |
| 64        | 8            | 82.0                                     | 450.0              |
| 66        | 8-1/16       | 88.0                                     | 468.0              |
| 68        | 8-1/2        | 94.0                                     | 508.0              |
| 72        | 9            | 103.0                                    | 570.0              |
| 76        | 9-1/2        | 113.0                                    | 620.0              |
| 80        | 10           | 127.0                                    | 704.0              |

## Mooring Line Certificate

We hereby certify that the below rope has been manufactured in accordance to BS EN ISO2307/2010 and OCIMF Mooring Equipment Guidelines:

4th Edition 2018 appendix B. The undersigned, chief inspector, presented at the test conducted in our laboratory to witness the test.



## Mooring line base design certificate

This form demonstrates that the product has been manufactured, tested and documented following the guidelines in appendix B of the *Mooring Equipment Guidelines, Fourth Edition*. The base design performance indicators should be reviewed with reference to the *Guidance on performance indicator interpretation* table below.

# ocTOPus® ULTRA MOORING ROPES

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ocTOPus® Ultra mooring ropes are made from the best grade Ultra High Molecular Weight Polyethylene. It offers the highest tensile strength to weight ratio. ocTOPus® Ultra is approximately one tenth of the weight of steel wire rope of the same diameter and handling of a rope with breaking strength of several hundred tons is no obstacle for one person.

## Construction

12-strand braided rope with Polyurethane coating  
Standard Length 220 mtr (can be customized).

## Benefits

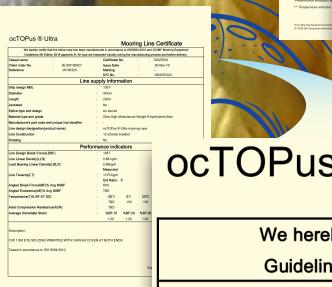
- Specific Gravity: 0.97, floating
- Melting Point: 150C
- Elongation 4%
- Fully UV stabilized
- Wet strength equals dry strength
- Does not absorb water
- Excellent chemical resistance
- Produced in accordance with OCIMF MEG4 guidelines and IACS approved

| Dia<br>mm | Cir.<br>inch | Line Design               |             | Weight<br>kgs/220m |
|-----------|--------------|---------------------------|-------------|--------------------|
|           |              | Break Force (LDBF)<br>ton | Line Design |                    |
| 22        | 2-3/4        | 50.0                      |             | 68.5               |
| 24        | 3            | 58.0                      |             | 80.5               |
| 26        | 3-1/4        | 66.0                      |             | 92.1               |
| 28        | 3-1/2        | 74.0                      |             | 104.6              |
| 30        | 3-3/4        | 81.5                      |             | 117.0              |
| 32        | 4            | 88.5                      |             | 128.2              |
| 36        | 4-1/2        | 104.0                     |             | 153.0              |
| 40        | 5            | 127.0                     |             | 189.0              |



## Mooring line base design certificate

This form demonstrates that the product has been manufactured, tested and documented following the guidelines in appendix B of the *Mooring Equipment Guidelines, Fourth Edition*. The base design performance indicators should be reviewed with reference to the *Guidance on performance indicator interpretation* table below.



ocTOPus® Ultra

## Mooring Line Certificate

We hereby certify that the below rope has been manufactured in accordance to ISO9554:2010 and OCIMF Mooring Equipment Guidelines:4th Edition 2018 appendix B. All rope are inspected visually during the manufacturing process and before delivery.



# ocTOPus® Tails & Accessories

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## ocTOPus® Tails

Mooring tails designed to reduce dynamic loads on primary Mooring lines. 8-strands high tenacity Polypropylene & Polyester composite fibers materials, standard length - 11 mtr. Comply with OCIMF MEG-4.

| Dia, mm | TDBF, t |
|---------|---------|
| 60      | 71.9    |
| 62      | 80.0    |
| 64      | 89.9    |
| 72      | 124.9   |
| 80      | 139.9   |
| 88      | 145.0   |

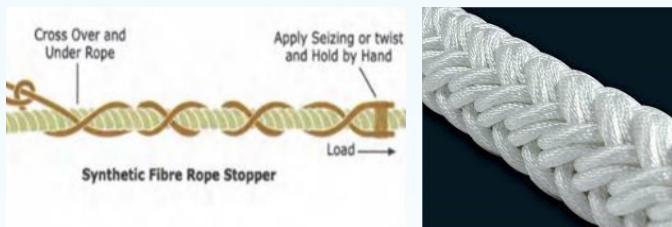


## Mooring Links

Mooring links available in three sizes 90T, 120T, 180T.

## ocTOPus® Chafe Guards

ocTOPus® Chafe Guards made from reinforced 100% high-tenacity polyester. Protection against localized abrasion. Suitable for all fibre ropes. Available in three sizes, accommodating different rope diameters. Easy installation using Velcro lining.



## Stopper rope for mooring ropes

Stopper rope for mooring ropes. 12-strands Double Braided 100% Polyester Stopper rope. Made from high melting material. The Stopper should be used «on the double rope».

## ocTOPus® Repair kit

The ocTOPus® Repair Kit is developed in order to repair ropes with jacket, like ocTOPus® Ultra Plus mooring rope. Our kit is free from chemicals. Repair Kit delivered with installation guide.

### Benefits

- Extension of rope service life
- Easy repair without the use of a coating
- No dangerous goods for transportation
- Great appearance

**Repair Kit**  
To mend damaged rope jackets and eyes.

Many ropes, including ropes of particular size, require a jacket or eye repair. Such jackets get worn, and replacing them is expensive and time-consuming.

Unlike other products on the market, our solution is free from chemicals.

**Features:**

- 100% high-tensile PES cross-woven cloth
- 250mm wide jacket
- Pre-terminated double-sided tape for quick and easy installation
- Heat resistant

**Advantages and benefits:**

- Easy and quick repair without the use of a coating
- Extension of rope service life
- A more reactive repair finish
- No dangerous goods for transportation

**Each Kit contains:**

- 1 piece of 250mm wide jacket
- 250mm wide double-sided tape
- 1 piece of tape plastic (flat) type 22x200mm
- 1 piece of tape plastic (flat) type 22x100mm
- 1 x 40.5m high performance double-sided tape (tape no. 2)
- 3 x 40.5m double-sided tape (tape no. 2)
- 3 x 20.5m double-sided tape (tape no. 1)
- 1 x 20.5m double-sided tape (tape no. 1)
- Protection jacket 20m x 150mm PES with polythene sleeve (can be cut to size and adhesive tape 20m x 50mm)
- 1 piece of manual