

# HMS TITAN

HIGH TENSILE STRENGTH AND SURFACE FULLY COVERED WITH HIGH TENACITY POLYESTER FIBRES GIVES THIS ROPE SUPERB ABRASION AND UV RESISTANCE (AS POLYESTER).

TITAN consists of high-tenacity polyolefin fibres – POLYS in the cores of the rope strands and high-tenacity PES multifilament fibres on the surface of the rope strands and meets the requirements of the standard applicable to composite ropes. Its extreme strength as well as its excellent resistance to abrasion, UV radiation and temperature lend a new use dimension to the rope. The rope is very pleasant to the feel and very good for splicing of eyes.



## APPLICATIONS

- W TOWING LINES
- W OF FSHORE LINES
- W M OORING LINES
- W M OORING TAILS

## PARAMETERS

|                        |  |
|------------------------|--|
| Material               | PES high tenacity multifilament and POLYS fibres |
| Specific Gravity       | 1.15 kg/dm <sup>3</sup>                          |
| Floating               | no   |
| Melting temperature    | 260/165 °C                                       |
| UV resistance          | outstanding                                      |
| Abrasion resistance    | outstanding                                      |
| Durability             | outstanding                                      |
| Water absorption       | max. 0.7 %                                       |
| Dry and wet conditions | identical wet and dry conditions                 |
| TCLL value             | 79 %   |

Complies with OCIMF (MEG 2007)



| Diameter | Circ.  | Weight   | MBL   | MBL    |
|----------|--------|----------|-------|--------|
| mm       | inch   | kg/100 m | t     | kN     |
| 28       | 3 1/2  | 45.0     | 18.1  | 178.0  |
| 32       | 4      | 55.2     | 24.8  | 242.8  |
| 36       | 4 1/2  | 71.7     | 29.1  | 285.5  |
| 40       | 5      | 88.5     | 35.9  | 351.8  |
| 44       | 5 1/2  | 107.0    | 43.0  | 421.8  |
| 48       | 6      | 127.0    | 49.9  | 490.0  |
| 52       | 6 1/2  | 150.0    | 57.8  | 567.0  |
| 56       | 7      | 173.0    | 66.2  | 649.3  |
| 60       | 7 1/2  | 199.0    | 75.6  | 742.0  |
| 64       | 8      | 227.0    | 85.6  | 840.0  |
| 68       | 8 1/2  | 256.0    | 96.0  | 941.3  |
| 72       | 9      | 287.0    | 107.6 | 1055.3 |
| 76       | 9 1/2  | 320.0    | 119.9 | 1176.0 |
| 80       | 10     | 354.0    | 132.2 | 1296.8 |
| 88       | 11     | 428.0    | 158.6 | 1555.8 |
| 96       | 12     | 510.0    | 184.0 | 1805.0 |
| 100      | 12 1/2 | 564.0    | 188.1 | 1845.0 |
| 104      | 13     | 617.6    | 191.4 | 1878.0 |

Spliced Termination: -10 %  
MBL is in accordance with ISO 2307

## LOAD - ELONGATION CURVES FOR NEW AND USED ROPE

