

HOPEX PRO™

Ultra High Molecular Weight Polyethylene

Structure: UHMWPE 12-strand Load-bearing Core & UHMWPE Braided Jacket

This combination makes the rope with extremely high strength & low stretch, 7 times stronger than steel ropes and 3 times stronger than polyester (on a weight by weight comparison). The braided jacket offers superior resistance to UV & chemicals, more wear resistance, excellent gripping properties and a torque - free construction.

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|--------------------------------|-----------------------|
| Features: | Applications: |
| Specific Gravity: 0.97 | Mooring Lines |
| Melting Point: 145 | Towing Lines |
| Breaking Elongation: < 4% | Winch Lines |
| Abrasion Resistance: Very Good | Lifting Slings |
| Chemical Resistance: Very Good | Messenger Lines |
| UV Resistance: Very Good | Oceanographic Cables |
| Water Absorption: 0% | Fishing Farming |
| Wet-dry Strength Ratio: 100% | Wind Farm Lines |
| | Offshore Applications |



| Code | Dia | | Circ. inch | Weight | | Unspliced MBL | | LDBF, Spliced MBL | |
|---------|-----|---------|---------------|---------|-----------|---------------|------|-------------------|------|
| | mm | inch | | kg/100m | lbs/100ft | ton | kN | ton | kN |
| 6114112 | 20 | 13/16 | 2-1/2 | 25.2 | 16.9 | 30.5 | 299 | 27.5 | 269 |
| 6114113 | 22 | 7/8 | 2-3/4 | 30.5 | 20.4 | 38.3 | 375 | 34.5 | 338 |
| 6114114 | 24 | 1 | 3 | 35.7 | 24.0 | 45.1 | 442 | 40.6 | 398 |
| 6114115 | 26 | 1-1/16 | 3-1/4 | 42.0 | 28.2 | 52.9 | 518 | 47.6 | 467 |
| 6114116 | 28 | 1-1/8 | 3-1/2 | 48.3 | 32.4 | 61.6 | 604 | 55.4 | 543 |
| 6114117 | 30 | 1-1/4 | 3-3/4 | 55.7 | 37.4 | 71.5 | 701 | 64.4 | 631 |
| 6114118 | 32 | 1-5/16 | 4 | 63.0 | 42.3 | 82.6 | 809 | 74.3 | 729 |
| 6114119 | 34 | 1-11/32 | 4-1/4 | 71.2 | 47.8 | 92.2 | 904 | 83.0 | 813 |
| 6114120 | 36 | 1-7/16 | 4-1/2 | 80.9 | 54.3 | 102.4 | 1004 | 92.2 | 903 |
| 6114121 | 38 | 1-1/2 | 4-3/4 | 89.4 | 60.0 | 116.2 | 1139 | 104.6 | 1025 |
| 6114122 | 40 | 1-5/8 | 5 | 98.7 | 66.3 | 127.9 | 1253 | 115.1 | 1128 |
| 6114123 | 44 | 1-3/4 | 5-1/2 | 120.8 | 81.1 | 154.9 | 1518 | 139.4 | 1366 |
| 6114125 | 48 | 2 | 6 | 142.8 | 95.9 | 180.7 | 1771 | 162.6 | 1594 |
| 6114126 | 52 | 2-1/8 | 6-1/2 | 168.0 | 112.8 | 215.5 | 2112 | 194.0 | 1901 |
| 6114127 | 56 | 2-1/4 | 7 | 194.3 | 130.4 | 245.9 | 2410 | 221.3 | 2169 |
| 6114128 | 60 | 2-1/2 | 7-1/2 | 222.6 | 149.4 | 282.8 | 2771 | 254.5 | 2494 |
| 6114130 | 64 | 2-5/8 | 8 | 252.0 | 169.2 | 323.3 | 3168 | 291.0 | 2852 |
| 6114131 | 68 | 2-3/4 | 8-1/2 | 285.6 | 191.7 | 366.0 | 3587 | 329.4 | 3228 |
| 6114133 | 72 | 3 | 9 | 322.4 | 216.4 | 407.4 | 3993 | 366.7 | 3593 |
| 6114134 | 76 | 3-1/8 | 9-1/2 | 357.0 | 239.7 | 451.2 | 4422 | 406.1 | 3980 |
| 6114136 | 80 | 3-1/4 | 10 | 393.8 | 264.4 | 506.2 | 4961 | 455.6 | 4465 |
| 6114138 | 88 | 3-5/8 | 11 | 472.5 | 317.2 | 600.5 | 5885 | 540.5 | 5296 |
| 6114140 | 96 | 4 | 12 | 556.5 | 373.6 | 704.9 | 6908 | 634.4 | 6217 |

- a. Bespoke diameter and length is available.
- b. ±5% tolerance according to ISO 2307:2010.
- c. LDBF=Line Design Break Force according to MEG4 OCIMF Guidelines.

