

HOPEX PLUS™

UHMWPE & High Tenacity Polyester

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

This structure is non-rotative and torque free construction, the rope will not kink, round and firm structure makes rope grip well. Also braided Jacket enhance rope with excellent wear resistance and increase the service life of the rope.

Features:

Specific Gravity: 0.97~1.10
 Melting Point: 145 /260
 Breaking Elongation: 5%
 Abrasion Resistance: Very Good
 Chemical Resistance: Very Good
 UV Resistance: Very Good
 Water Absorption: 0%
 Wet-dry Strength Ratio: Dry ≈ Wet

Applications:

Mooring Lines
 Towing Lines
 Lifting Slings
 Winch Lines
 Messenger Lines
 Oceanographic Cables
 Fishing Farming
 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 |
| 6113112 | 20 | 13/16 | 2-1/2 | 28.5 | 19.1 | 30.5 | 299 | 27.5 | 269 |
| 6113113 | 22 | 7/8 | 2-3/4 | 34.4 | 23.1 | 38.3 | 375 | 34.5 | 338 |
| 6113114 | 24 | 1 | 3 | 40.4 | 27.1 | 45.1 | 442 | 40.6 | 398 |
| 6113115 | 26 | 1-1/16 | 3-1/4 | 47.5 | 31.9 | 52.9 | 518 | 47.6 | 467 |
| 6113116 | 28 | 1-1/8 | 3-1/2 | 54.7 | 36.7 | 61.6 | 604 | 55.4 | 543 |
| 6113117 | 30 | 1-1/4 | 3-3/4 | 62.9 | 42.2 | 71.5 | 701 | 64.4 | 631 |
| 6113118 | 32 | 1-5/16 | 4 | 71.3 | 47.9 | 82.6 | 809 | 74.3 | 729 |
| 6113119 | 34 | 1-11/32 | 4-1/4 | 80.8 | 54.2 | 92.2 | 904 | 83.0 | 813 |
| 6113120 | 36 | 1-7/16 | 4-1/2 | 91.5 | 61.4 | 102.4 | 1004 | 92.2 | 903 |
| 6113121 | 38 | 1-1/2 | 4-3/4 | 101.1 | 67.9 | 116.8 | 1145 | 105.1 | 1030 |
| 6113122 | 40 | 1-5/8 | 5 | 111.7 | 75.0 | 127.9 | 1253 | 115.1 | 1128 |
| 6113123 | 44 | 1-3/4 | 5-1/2 | 136.6 | 91.7 | 154.9 | 1518 | 139.4 | 1366 |
| 6113125 | 48 | 2 | 6 | 161.6 | 108.5 | 180.7 | 1771 | 162.6 | 1594 |
| 6113126 | 52 | 2-1/8 | 6-1/2 | 190.1 | 127.6 | 215.5 | 2112 | 194.0 | 1901 |
| 6113127 | 56 | 2-1/4 | 7 | 219.8 | 147.6 | 245.9 | 2410 | 221.3 | 2169 |
| 6113128 | 60 | 2-1/2 | 7-1/2 | 251.9 | 169.1 | 282.8 | 2771 | 254.5 | 2494 |
| 6113130 | 64 | 2-5/8 | 8 | 285.1 | 191.4 | 323.3 | 3168 | 291.0 | 2852 |
| 6113131 | 68 | 2-3/4 | 8-1/2 | 323.2 | 217.0 | 366.0 | 3587 | 329.4 | 3228 |
| 6113133 | 72 | 3 | 9 | 364.8 | 244.9 | 407.4 | 3993 | 366.7 | 3593 |
| 6113134 | 76 | 3-1/8 | 9-1/2 | 403.9 | 271.2 | 451.2 | 4422 | 406.1 | 3980 |
| 6113136 | 80 | 3-1/4 | 10 | 445.5 | 299.1 | 506.2 | 4961 | 455.6 | 4465 |
| 6113138 | 88 | 3-5/8 | 11 | 534.6 | 358.9 | 600.5 | 5885 | 540.5 | 5296 |
| 6113140 | 96 | 4 | 12 | 629.6 | 422.7 | 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.

