

FASTVO SLING ROPE

Ultra High Molecular Weight Polyethylene

Structure: 12-Strand

The HMPE heavy rope lift sling is most popular for the lifting operations. The HMPE rope slings are extremely durable and low creep. The rope with unique method treatment, ultra high abrasion resistance makes rope have long life and more durable. At the same size and strength of steel rope options, HMPE solutions can be more lighter, the HMPE rope is easier to move and control. Significantly improving the workforce.

Features:

Specific Gravity: 0.97g/cm³

Melting Point: 145 °C

Breaking Elongation: < 4%

Abrasion Resistance: Very Good

Chemical Resistance: Very Good

UV Resistance: Very Good

Water Absorption: 0%

Wet-dry Strength Ratio: 100%



| Dia | | Circ. | Weight | | MIN BS | | Code | Eye & Eye sling | | Code | Endless Grommet Sling | |
|-----|--------|-------|---------|----------|--------|------|---------|-----------------|-----|---------|-----------------------|-----|
| mm | inch | inch | kg/100m | lb/100ft | ton | kN | | ton | kN | | ton | kN |
| 8 | 5/16 | 15/16 | 4.0 | 2.7 | 5.6 | 55 | 2231022 | 1.1 | 11 | 2232022 | 1.7 | 16 |
| 10 | 3/8 | 1-1/8 | 5.4 | 3.6 | 8.0 | 78 | 2231032 | 1.6 | 16 | 2232032 | 2.4 | 24 |
| 12 | 1/2 | 1-1/2 | 9.5 | 6.4 | 13.9 | 136 | 2231042 | 2.8 | 27 | 2232042 | 4.2 | 41 |
| 14 | 9/16 | 1-3/4 | 11.8 | 7.9 | 16.5 | 162 | 2231052 | 3.3 | 32 | 2232052 | 4.9 | 49 |
| 16 | 5/8 | 2 | 15.2 | 10.2 | 21.6 | 212 | 2231062 | 4.3 | 42 | 2232062 | 6.5 | 64 |
| 18 | 3/4 | 2-1/4 | 19.8 | 13.3 | 26.3 | 258 | 2231072 | 5.3 | 52 | 2232072 | 7.9 | 77 |
| 20 | 13/16 | 2-1/2 | 25.3 | 17.0 | 33.5 | 328 | 2231082 | 6.7 | 66 | 2232082 | 10.1 | 99 |
| 22 | 7/8 | 2-3/4 | 29.2 | 19.6 | 37.1 | 364 | 2231092 | 7.4 | 73 | 2232092 | 11.1 | 109 |
| 24 | 1 | 3 | 32.4 | 21.8 | 44.5 | 436 | 2231102 | 8.9 | 87 | 2232102 | 13.3 | 131 |
| 26 | 1-1/16 | 3-1/4 | 40.9 | 27.5 | 54.7 | 536 | 2231112 | 10.9 | 107 | 2232112 | 16.4 | 161 |
| 28 | 1-1/8 | 3-1/2 | 47.5 | 31.9 | 60.4 | 592 | 2231122 | 12.1 | 118 | 2232122 | 18.1 | 178 |
| 30 | 1-1/4 | 3-3/4 | 53.9 | 36.2 | 67.4 | 661 | 2231132 | 13.5 | 132 | 2232132 | 20.2 | 198 |
| 32 | 1-5/16 | 4 | 62.2 | 41.8 | 75.1 | 736 | 2231142 | 15.0 | 147 | 2232142 | 22.5 | 221 |
| 34 | 1-3/8 | 4-1/8 | 67.0 | 45.0 | 83.7 | 820 | 2231152 | 16.7 | 164 | 2232152 | 25.1 | 246 |
| 36 | 1-1/2 | 4-1/2 | 76.9 | 51.6 | 93.1 | 912 | 2231162 | 18.6 | 182 | 2232162 | 27.9 | 274 |
| 38 | 1-9/16 | 4-3/4 | 85.7 | 57.5 | 104.1 | 1020 | 2231172 | 20.8 | 204 | 2232172 | 31.2 | 306 |
| 40 | 1-5/8 | 5 | 97.0 | 65.1 | 116.0 | 1137 | 2231182 | 23.2 | 227 | 2232182 | 34.8 | 341 |
| 44 | 1-3/4 | 5-1/2 | 117.0 | 78.5 | 137.0 | 1343 | 2231202 | 27.4 | 269 | 2232202 | 41.1 | 403 |
| 48 | 2 | 6 | 129.0 | 86.6 | 156.0 | 1529 | 2231222 | 31.2 | 306 | 2232222 | 46.8 | 459 |
| 52 | 2-1/8 | 6-1/2 | 162.0 | 108.8 | 187.0 | 1833 | 2231242 | 37.4 | 367 | 2232242 | 56.1 | 550 |
| 56 | 2-1/4 | 7 | 173.0 | 116.1 | 219.4 | 2150 | 2231252 | 43.9 | 430 | 2232252 | 65.8 | 645 |



Lloyd's Register

