

FASTVO SLING ROPE

Ultra High Molecular Weight Polyethylene

Structure: 12-Strand

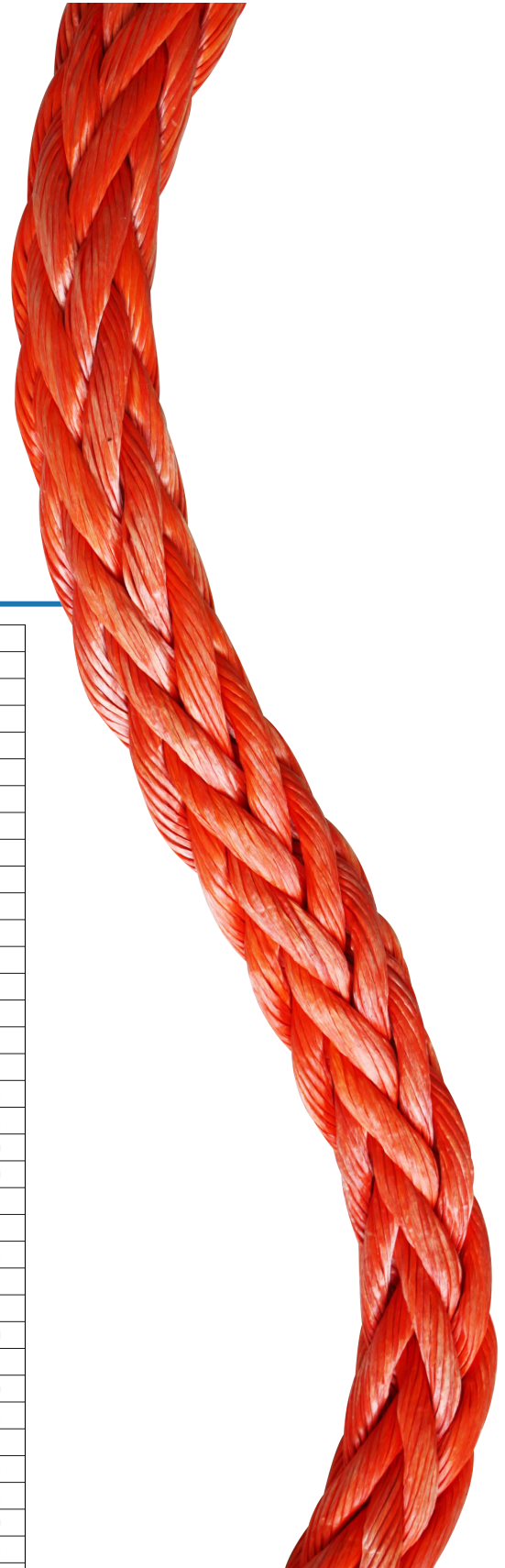
Made of Ultra High Molecular Weight Polyethylene(HMPE) fiber,through special treatment,very high break strength and light weight,break strength is 1.5 times higher than same size steel wire rope but weight is super light,around 1/8 of same size steel wire rope.

Features:

Specific Gravity:0.97g/cm³ Melting Point:145℃ Beaking Elongation:< 4%
Abrasion Resistance:Very Good
Chemical Resistance:Very Good UV Resistance:Very Good Water Absorption:0%
Wet-dry Strength Ratio:100%

Applications:

Davit
Lifting Sling
Tugging Main Line
Fishing Line
Mooring Line
Offroad Winch Rope
General Working Line



| Dia. | | Circ. | Weight | | Unspliced MBL | | Spliced MBL | |
|------|--------|--------|---------|-----------|---------------|------|-------------|------|
| mm | inch | inch | kg/100m | lbs/100ft | ton | kN | ton | kN |
| 6 | 1/4 | 3/4 | 2.3 | 1.54 | 4.1 | 40 | 3.7 | 36 |
| 8 | 5/16 | 15/16 | 4 | 2.68 | 7.0 | 69 | 6.3 | 62 |
| 10 | 3/8 | 1-1/8 | 6.1 | 4.09 | 10.7 | 105 | 9.7 | 95 |
| 12 | 1/2 | 1-1/2 | 8.7 | 5.84 | 15.3 | 150 | 13.8 | 135 |
| 14 | 9/16 | 1-3/4 | 11.7 | 7.85 | 20.4 | 200 | 18.4 | 180 |
| 16 | 5/8 | 2 | 15.1 | 10.13 | 26.0 | 255 | 23.5 | 230 |
| 18 | 3/4 | 2-1/4 | 19 | 12.74 | 32.1 | 315 | 29.1 | 285 |
| 20 | 13/16 | 2-1/2 | 23.2 | 15.56 | 38.8 | 380 | 34.7 | 340 |
| 22 | 7/8 | 2-3/4 | 28.1 | 18.85 | 45.9 | 450 | 41.3 | 405 |
| 24 | 1 | 3 | 33.1 | 22.20 | 53.1 | 520 | 48.0 | 470 |
| 26 | 1-1/16 | 3-1/4 | 38.4 | 25.76 | 61.2 | 600 | 55.1 | 540 |
| 28 | 1-1/8 | 3-1/2 | 44.5 | 29.85 | 69.9 | 685 | 62.8 | 615 |
| 30 | 1-1/4 | 3-3/4 | 50.6 | 33.94 | 79.1 | 775 | 71.4 | 700 |
| 32 | 1-5/16 | 4 | 57.5 | 38.57 | 88.3 | 865 | 79.6 | 780 |
| 36 | 1-1/2 | 4-1/2 | 72 | 48.29 | 109.2 | 1070 | 98.5 | 965 |
| 40 | 1-5/8 | 5 | 88.1 | 59.09 | 131.1 | 1285 | 117.9 | 1155 |
| 44 | 1-3/4 | 5-1/2 | 106 | 71.10 | 155.6 | 1525 | 140.3 | 1375 |
| 48 | 2 | 6 | 125 | 83.84 | 181.1 | 1775 | 163.3 | 1600 |
| 52 | 2-1/8 | 6-1/2 | 146 | 97.93 | 208.7 | 2045 | 187.8 | 1840 |
| 56 | 2-1/4 | 7 | 169 | 113.35 | 237.8 | 2330 | 213.8 | 2095 |
| 60 | 2-1/2 | 7-1/2 | 193 | 129.45 | 268.9 | 2635 | 241.8 | 2370 |
| 64 | 2-5/8 | 8 | 220 | 147.56 | 301.0 | 2950 | 270.9 | 2655 |
| 68 | 2-3/4 | 8-1/2 | 248 | 166.34 | 335.2 | 3285 | 301.5 | 2955 |
| 72 | 3 | 9 | 278 | 186.46 | 370.9 | 3635 | 333.7 | 3270 |
| 76 | 3-1/8 | 9-1/2 | 309 | 207.26 | 408.2 | 4000 | 367.3 | 3600 |
| 80 | 3-1/4 | 10 | 343 | 230.06 | 446.4 | 4375 | 402.0 | 3940 |
| 88 | 3-5/8 | 11 | 417 | 279.70 | 528.6 | 5180 | 475.5 | 4660 |
| 96 | 3-3/4 | 12 | 497 | 333.35 | 616.3 | 6040 | 554.6 | 5435 |
| 100 | 4-1/8 | 12-1/2 | 515.1 | 345.49 | 662.8 | 6495 | 596.4 | 5845 |
| 104 | 4-1/4 | 13 | 555.5 | 372.59 | 710.2 | 6960 | 639.3 | 6265 |
| 108 | 4-1/2 | 13-1/2 | 597.3 | 400.63 | 759.2 | 7440 | 683.2 | 6695 |
| 112 | 4-5/8 | 14 | 640.4 | 429.54 | 809.7 | 7935 | 728.6 | 7140 |
| 116 | 4-3/4 | 14-1/2 | 685.4 | 459.72 | 861.2 | 8440 | 775.0 | 7595 |
| 120 | 5 | 15 | 731.6 | 490.71 | 914.3 | 8960 | 823.0 | 8065 |



Lloyd's Register

