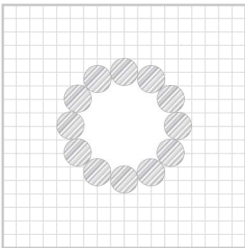


TeraMax

Structure



12-STRAND CONSTRUCTION

Fiber Content

- UHMWPE

Characteristics

- 12-Strand braided rope made of UHMWPE (Ultra High Molecular Weight Polyethylene) Yarns with special coating
- Strongest fiber rope in the world
- Highest tensile strength to weight ratio
- Light weight (1/7 of wire rope weight), stronger than wire rope
- Excellent resistance to UV (Ultra Violet) and chemicals
- No difference in tensile strength wet or dry
- Specific gravity : 0.97 (Floating)
- Easy to splice & handle
- Superior wear life
- Kink/Torque free
- Superior abrasion resistance
- Melting point : 150°C
- Elongation at break : 4%
- Workable below -20°C

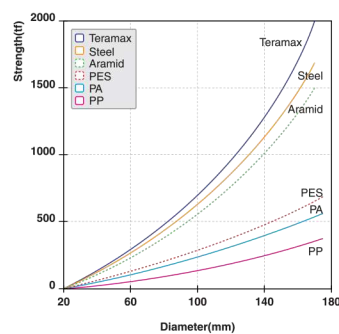
Applications

- Mooring lines
- Tug assist lines
- Face & Wing wires
- Seismic tow lines
- Winch lines
- Pulling lines
- Specialty rigging lines
- Wire rope replacement

| Dia | | Cir | Weight | | MBL | |
|---------|----|-------|---------|----------|-------|---------|
| inch | mm | inch | 100m/kg | 100ft/lb | ton | kN |
| 1-1/8 | 28 | 3-1/2 | 46.5 | 31.25 | 74.0 | 725.9 |
| 1-1/4 | 32 | 4 | 57.0 | 39.30 | 88.5 | 868.2 |
| 1-7/16 | 36 | 4-1/2 | 68.0 | 45.69 | 104.0 | 1,020.2 |
| 1-9/16 | 40 | 5 | 84.0 | 56.45 | 127.0 | 1,245.8 |
| 1-3/4 | 44 | 5-1/2 | 102.0 | 68.54 | 152.0 | 1,491.1 |
| 1-7/8 | 48 | 6 | 121.0 | 81.31 | 179.0 | 1,755.9 |
| 2-1/16 | 52 | 6-1/2 | 141.0 | 94.75 | 206.0 | 2,020.8 |
| 2-1/4 | 56 | 7 | 163.0 | 109.53 | 236.0 | 2,315.1 |
| 2-3/8 | 60 | 7-1/2 | 175.0 | 117.59 | 252.0 | 2,472.0 |
| 2-1/2 | 64 | 8 | 200.0 | 134.39 | 282.0 | 2,766.3 |
| 2-7/8 | 72 | 9 | 254.0 | 170.68 | 348.0 | 3,413.8 |
| 3-5/32 | 80 | 10 | 313.0 | 210.32 | 422.0 | 4,139.7 |
| 3-7/16 | 88 | 11 | 379.0 | 254.74 | 503.0 | 4,934.3 |
| 3-13/16 | 96 | 12 | 451.0 | 303.05 | 588.0 | 5,768.1 |

• ± 5% tolerance according to ISO 2307

Diameter : Strength



Weight : Strength

