

PP MONO

3 or 4 Strands



A twisted rope made from high tenacity polypropylene monofilaments yarns, its balanced construction results on a high strength and light weighted rope with good abrasion resistance and good elongation being a good compromise on a price/quality ratio.

Major Features:

- Light weight
- Good elongation
- Good abrasion resistance

Specific Gravity: 0,91

Melting Point: 165°C

Elongation at % of BS:

25% 6,5%

50% 12,0%

Main Applications:

- Tie-up lines
- Deck general lines
- General applications

| Diameter | | Circ. | | Weight | | Breaking Load | |
|----------|---------|--------|---------|-----------|--------|---------------|-------|
| mm | inches | inches | Kg/100m | lbs/100ft | kgf | lbf | kN |
| 3 | 1/8 | | 0,32 | 0,22 | 110 | 243 | 1,1 |
| 4 | 5/32 | | 0,8 | 0,5 | 280 | 617 | 2,7 |
| 5 | 3/16 | 9/16 | 1,1 | 0,7 | 380 | 838 | 3,7 |
| 6 | 1/4 | 3/4 | 1,7 | 1,1 | 600 | 1.323 | 5,9 |
| 8 | 5/16 | 1 | 3,0 | 2,0 | 1.060 | 2.337 | 10,4 |
| 10 | 3/8 | 1 1/8 | 4,5 | 3,0 | 1.560 | 3.439 | 15,3 |
| 12 | 1/2 | 1 1/2 | 6,5 | 4,4 | 2.200 | 4.850 | 21,6 |
| 14 | 9/16 | 1 3/4 | 9,0 | 6,0 | 3.050 | 6.724 | 29,9 |
| 16 | 5/8 | 2 | 11,5 | 7,7 | 3.770 | 8.311 | 37,0 |
| 18 | 3/4 | 2 1/4 | 14,8 | 9,9 | 4.800 | 10.582 | 47,0 |
| 20 | 13/16 | 2 1/2 | 18,0 | 12,1 | 5.800 | 12.787 | 56,8 |
| 22 | 7/8 | 2 3/4 | 22,0 | 14,8 | 6.960 | 15.344 | 68,2 |
| 24 | 15/16 | 3 | 26,0 | 17,5 | 8.050 | 17.747 | 78,9 |
| 26 | 1 1/32 | 3 1/4 | 30,5 | 20,5 | 9.350 | 20.613 | 91,6 |
| 28 | 1 1/8 | 3 1/2 | 35,5 | 23,9 | 10.700 | 23.589 | 104,9 |
| 30 | 1 3/16 | 3 3/4 | 40,5 | 27,2 | 12.150 | 26.786 | 119,1 |
| 32 | 1 1/4 | 4 | 46,0 | 30,9 | 13.700 | 30.203 | 134,3 |
| 34 | 1 11/32 | 4 1/4 | 53,7 | 36,1 | 15.350 | 33.840 | 150,4 |
| 36 | 1 7/16 | 4 1/2 | 58,5 | 39,3 | 17.050 | 37.588 | 167,1 |
| 38 | 1 1/2 | 4 3/4 | 67,0 | 45,0 | 19.000 | 41.887 | 186,2 |
| 40 | 1 19/32 | 5 | 72,0 | 48,4 | 20.800 | 45.855 | 203,8 |
| 44 | 1 3/4 | 5 1/2 | 88,0 | 59,1 | 24.800 | 54.674 | 243,0 |
| 48 | 1 7/8 | 6 | 104,0 | 69,9 | 29.200 | 64.374 | 286,2 |
| 52 | 2 1/16 | 6 1/2 | 122,0 | 82,0 | 33.900 | 74.735 | 332,2 |
| 56 | 2 1/4 | 7 | 142,0 | 95,4 | 38.900 | 85.758 | 381,2 |
| 60 | 2 3/8 | 7 1/2 | 163,0 | 109,5 | 44.200 | 97.443 | 433,2 |
| 64 | 2 1/2 | 8 | 185,0 | 124,3 | 49.800 | 109.788 | 488,0 |
| 68 | 2 11/16 | 8 1/2 | 211,9 | 142,4 | 55.900 | 123.236 | 547,8 |
| 72 | 2 7/8 | 9 | 234,0 | 157,2 | 62.050 | 136.795 | 608,1 |
| 80 | 3 5/32 | 10 | 290,0 | 194,9 | 75.500 | 166.446 | 739,9 |
| 90 | 3 9/16 | 11 1/8 | 375,0 | 252,0 | 91.100 | 200.838 | 892,8 |