MOORING ROPE

# 3 Strand Rope

ISO9001 Supplier

Class Certificate

Export Supply

Including nylon,polypropylene filament,polyproplyene/polyester mixed,polyester etc. It has wide range of application as well as advantages of high strength,low elongation,wearing resistance and anti-corrosion. They...




## Key Highlights

| | |
|---|---|
| **Category** | Mooring Rope |
| **Standard** | DIN |
| **Material** | As per your requirement. |
| **Weight / Size** | 4mm to 56mm size available. |
| **Certificate** | BV,CCS,ABS,DNV,LR,NK,mill certificate etc. |

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

## Technical Specifications

| | | | |
|---|---|---|---|
| **Category** | Mooring Rope | **Model / SKU** | 3-Strand-Rope |
| **Standard** | DIN | **Material** | As per your requirement. |
| **Weight / Size** | 4mm to 56mm size available. | **Certificate** | BV,CCS,ABS,DNV,LR,NK,mill certificate etc. |
| **Warranty** | 12 Months unless specified otherwise | **Origin** | China |

**CONTENTS**

- China 3 Strand Rope:
- Parameter Table:
- Main Performance:

## China 3 Strand Rope:

Including nylon,polypropylene filament,polyproplyene/polyester mixed,polyester etc. It has wide range of application as well as advantages of high strength,low elongation,wearing resistance and anti-corrosion.

They are soft,smooth and easy for operation. Meanwhile it can be used to make special antistatic rope.

All products are mainly used in various fields of ships and vessels,fishing,loading and unloading in harbor,power supply construction,petroleum survey,physical exercise wares,national defense scientific and research etc.

4mm to 56mm size available.

## Main Performance:

| Material | Polyamide Multifilament | Polyamide yarn | Polypropylene multifilament | Polypropylene | Polyester | Polypropylene and Polyester mixed |
|---|---|---|---|---|---|---|
| Density | 1.14 non floating | 1.14 non floating | 0.91 floating | 0.91 floating | 1.27 non floating | 0.95 floating |
| Melting point | 215℃ | 215℃ | 165℃ | 165℃ | 260℃ | 165℃/260℃ |
| Abrasion resistance | Very good | Good | Medium | Medium | Good | Good |
| UV resistance | Very good | Good | Medium | Medium | Good | Good |
| Temperature resistance | 120℃ Max | 120℃ Max | 70℃ Max | 70℃ Max | 120℃ Max | 80℃ Max |
| Chemical resistance | Very good | Very good | Good | Good | Good | Good |

## Parameter Table:

Chart 1

| Specifications | | Polyamide Multifilament | | Polyamide Yarn | |
|---|---|---|---|---|---|
| Diameter | Circumference | Linear Density(Ktex) | Breaking Strength(KN) | Linear Density(Ktex) | Breaking Strength(KN) |
| mm | Inch | Ktex | KN | Ktex | KN |
| 4 | 1/2“ | 10 | 3.7 | 10 | 2.6 |
| 6 | 3/4“ | 22 | 7.9 | 22 | 6 |
| 8 | 1“ | 40 | 13.8 | 40 | 10.9 |
| 10 | 1 1/4“ | 62 | 21.2 | 62 | 15.7 |
| 12 | 1 1/2“ | 89 | 30.1 | 89 | 24.1 |
| 14 | 1 3/4“ | 121 | 40 | 121 | 33 |
| 16 | 2“ | 158 | 51.9 | 158 | 42.5 |
| 18 | 2 1/4“ | 200 | 64.3 | 200 | 53.9 |
| 20 | 2 1/2“ | 247 | 79.2 | 247 | 66.7 |
| 22 | 2 3/4“ | 299 | 94 | 299 | 80.4 |
| 24 | 3“ | 355 | 112 | 355 | 96.3 |
| 26 | 3 1/4“ | 417 | 129 | 417 | 111.5 |
| 28 | 3 1/2“ | 484 | 149 | 484 | 127 |

| | | | | | |
|---|---|---|---|---|---|
| 30 | 3 3/4“ | 555 | 169 | 555 | 143 |
| 32 | 4“ | 632 | 192 | 632 | 161 |
| 36 | 4 1/2“ | 800 | 240 | 800 | 200 |
| 40 | 5“ | 987 | 294 | 987 | 241 |
| 44 | 5 1/2“ | 1190 | 351 | 1190 | 289 |
| 48 | 6“ | 1420 | 412 | 1420 | 338 |
| 52 | 6 1/2“ | 1670 | 479 | 1670 | 393 |
| 56 | 7“ | 1930 | 550 | 1930 | 450 |

Chart 2

| Specifications | | Polypropylene Multifilament | | Polypropylene | |
|---|---|---|---|---|---|
| Diameter | Circumference | Linear Density(Ktex) | Breaking Strength(KN) | Linear Density(Ktex) | Breaking Strength(KN) |
| mm | Inch | Ktex | KN | Ktex | KN |
| 4 | 1/2“ | 6.3 | 2.3 | 6 | 2.1 |
| 6 | 3/4“ | 18 | 6.5 | 17 | 5.9 |
| 8 | 1“ | 32 | 11.4 | 30 | 10.4 |
| 10 | 1 1/4“ | 47 | 16.8 | 45 | 15.3 |
| 12 | 1 1/2“ | 68 | 23.9 | 65 | 21.7 |
| 14 | 1 3/4“ | 95 | 32.9 | 90 | 29.9 |
| 16 | 2“ | 121 | 40.7 | 115 | 37 |
| 18 | 2 1/4“ | 155 | 51.9 | 148 | 47.2 |
| 20 | 2 1/2“ | 189 | 62.6 | 180 | 56.9 |
| 22 | 2 3/4“ | 231 | 75 | 220 | 68.2 |
| 24 | 3“ | 273 | 87.7 | 260 | 79.7 |
| 26 | 3 1/4“ | 320 | 101 | 305 | 92.2 |
| 28 | 3 1/2“ | 373 | 115 | 355 | 105 |
| 30 | 3 3/4“ | 425 | 132 | 405 | 120 |
| 32 | 4“ | 483 | 146 | 460 | 132 |
| 36 | 4 1/2“ | 614 | 182 | 585 | 166 |
| 40 | 5“ | 756 | 221 | 720 | 201 |
| 44 | 5 1/2“ | 924 | 266 | 880 | 242 |
| 48 | 6“ | 1092 | 308 | 1040 | 280 |
| 52 | 6 1/2“ | 1281 | 357 | 1220 | 325 |

| | | | | | |
|---|---|---|---|---|---|
| 56 | 7“ | 1491 | 408 | 1420 | 371 |

Chart 3

| Specifications | | Polyester | | Polypropylene And Polyester Mixed rope | |
|---|---|---|---|---|---|
| Diameter | Circumference | Linear Density(Ktex) | Breaking Strength(KN) | Linear Density(Ktex) | Breaking Strength(KN) |
| mm | Inch | Ktex | KN | Ktex | KN |
| 4 | 1/2“ | 12 | 2.9 | 7.9 | 2.8 |
| 6 | 3/4“ | 27 | 5.6 | 17.5 | 6.8 |
| 8 | 1“ | 48 | 10 | 31 | 11.9 |
| 10 | 1 1/4“ | 76 | 15.6 | 48.5 | 18.2 |
| 12 | 1 1/2“ | 110 | 22.3 | 69.9 | 25.7 |
| 14 | 1 3/4“ | 148 | 31.2 | 95.1 | 34.7 |
| 16 | 2“ | 195 | 39.8 | 124 | 44.8 |
| 18 | 2 1/4“ | 245 | 49.8 | 157 | 56.1 |
| 20 | 2 1/2“ | 303 | 62.3 | 194 | 68.7 |
| 22 | 2 3/4“ | 367 | 74.7 | 235 | 82.1 |
| 24 | 3“ | 437 | 89.6 | 279 | 96.3 |
| 26 | 3 1/4“ | 512 | 105 | 328 | 113 |
| 28 | 3 1/2“ | 594 | 120 | 380 | 130 |
| 30 | 3 3/4“ | 682 | 134 | 437 | 148 |
| 32 | 4“ | 778 | 154 | 497 | 167 |
| 36 | 4 1/2“ | 982 | 190 | 629 | 210 |
| 40 | 5“ | 1215 | 235 | 776 | 257 |
| 44 | 5 1/2“ | 1468 | 275 | 939 | 308 |
| 48 | 6“ | 1750 | 329 | 1110 | 364 |
| 52 | 6 1/2“ | 2050 | 384 | 1320 | 424 |
| 56 | 7“ | 2380 | 439 | 1520 | 489 |