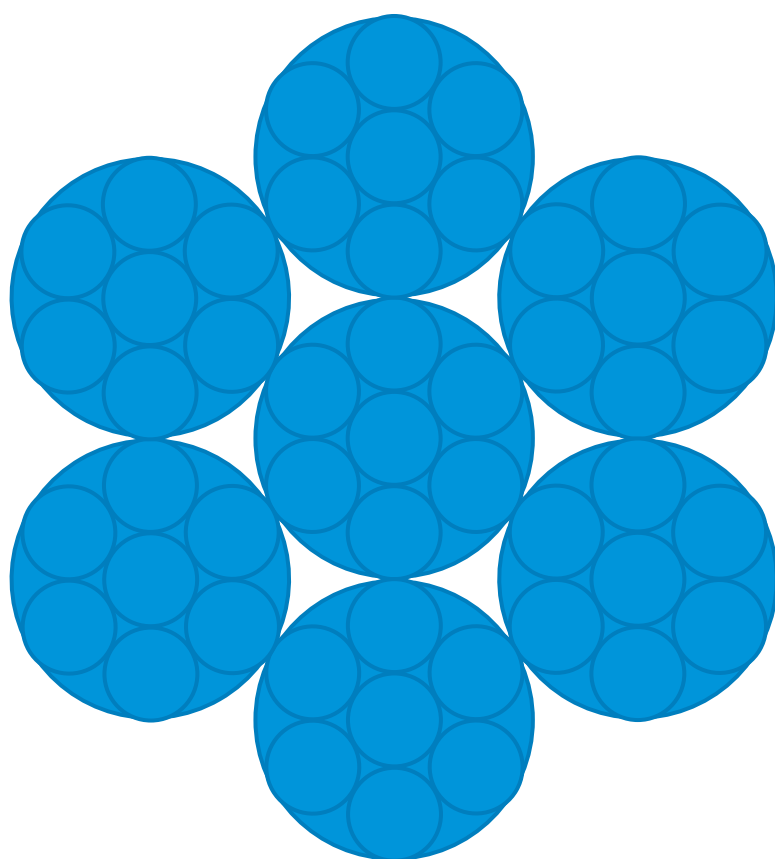


6-Strand
+Core

KOROFLOT
KOROLON



ISO 9001-20015
Certified Company

**DESIGNED FOR
WINCHLINES**



KOROFLOT



Construction

6-strand wire rope lay + core

KOROFLOT is the combination product of Nylon Monofilament and PP Multifilament, it is a special combination rope designed for self-tensioning winchlines. The significant characterises of the product is it is 6 strand wire rope lay construction which gives additional advantage such as No crushing and Jumping on winch and excellent abrasion resistance.

| | |
|---|-----------|
| Melting point: | 250/165°C |
| Spec. Gravity: | 0,99 |
| Water absorption: | 2% |
| Reduction of MBL when wet: | 1% |
| Elongation, new rope: | 23% |
| Elongation, broken-in ropes : (15-20 operations) | 15% |

PRODUCT HIGHLIGHTS



FLOATS ON WATER



HIGH ABRASION
RESISTANCE



HIGH STRENGTH
BETTER SAFETY



HIGH DEFORMATION
RESISTANCE



OUTSTANDING
FATIGUE
RESISTANCE



LIGHT IN WEIGHT

Specifications



| Rope Size | | | Weight | | Breaking Strength | |
|-----------|------------|------------|---------|------------|-------------------|--------|
| Dia (MM) | Dia (Inch) | Cir (Inch) | kg/100m | Kgs/ 220 M | Ton | KN |
| 40 | 1-9/16 | 5 | 99.0 | 217.8 | 31.4 | 307.7 |
| 44 | 1-3/4 | 5-1/2 | 115.0 | 253.0 | 39.9 | 391.0 |
| 48 | 1-7/8 | 6 | 137.0 | 301.4 | 47.5 | 465.5 |
| 52 | 2-1/16 | 6-1/2 | 161.0 | 354.2 | 51.3 | 502.7 |
| 56 | 2-1/4 | 7 | 187.0 | 411.4 | 63.7 | 624.3 |
| 60 | 2-3/8 | 7-1/2 | 214.0 | 470.8 | 68.4 | 670.3 |
| 64 | 2-1/2 | 8 | 244.0 | 536.8 | 77.9 | 763.4 |
| 68 | 2-11/16 | 8-1/2 | 276.0 | 607.2 | 89.3 | 875.1 |
| 72 | 2-7/8 | 9 | 309.0 | 679.8 | 102.6 | 1005.5 |
| 80 | 3-5/32 | 10 | 381.0 | 838.2 | 119.7 | 1173.1 |

Spliced strength: ± 10% lower, Weight and length tolerance: ± 5%. Diameter: ± 2% MBL = Minimum Breaking Load conform ISO 2307
Breaking strength without splices or any other termination. **Other sizes are available on request.**

Applications

Self-tensioning winchlines, Excellent performance in mooring and winch drum



KOROLON



Construction

6-strand wire rope lay + core

KARALON is the combination product of Nylon Monofilament and nylon Multifilament, it is a special combination rope designed for self-tensioning winchlines. The significant characterises of the product is it is 6 strand wire rope lay construction which gives additional advantage such as No crushing and Jumping on winch and excellent abrasion resistance.

| | |
|---|-------|
| Melting Point: | 220°C |
| Specific Gravity: | 1.10 |
| Elongation, new rope: | 25% |
| Elongation, broken-in ropes : (15-20 operations) | 18% |
| Water absorption: | 2% |
| Reduction of MBL when wet: | 1% |

PRODUCT HIGHLIGHTS



SINKS IN WATER



HIGH ABRASION
RESISTANCE



HIGH STRENGTH
BETTER SAFETY



HIGH DEFORMATION
RESISTANCE



OUTSTANDING
FATIGUE
RESISTANCE



SOFT IN NATURE

Specifications



| Rope Size | | | Weight | | Breaking Strength | |
|-----------|------------|------------|---------|------------|-------------------|--------|
| Dia (MM) | Dia (Inch) | Cir (Inch) | kg/200m | Kgs/ 220 M | Ton | KN |
| 40 | 1-9/16 | 5 | 200.0 | 220.0 | 31.0 | 304.0 |
| 44 | 1-3/4 | 5-1/2 | 250.0 | 275.0 | 42.0 | 412.0 |
| 48 | 1-7/8 | 6 | 296.0 | 325.6 | 50.1 | 491.0 |
| 52 | 2-1/16 | 6-1/2 | 320.0 | 352.0 | 54.1 | 530.0 |
| 56 | 2-1/4 | 7 | 400.0 | 440.0 | 66.5 | 652.0 |
| 60 | 2-3/8 | 7-1/2 | 434.0 | 477.4 | 70.1 | 687.0 |
| 62 | 2-7/16 | 7-3/4 | 470.0 | 517.0 | 79.1 | 775.0 |
| 64 | 2-1/2 | 8 | 490.0 | 539.0 | 81.1 | 795.0 |
| 68 | 2-11/16 | 8-1/2 | 560.0 | 616.0 | 94.1 | 922.0 |
| 70 | 2-3/4 | 8-3/4 | 620.0 | 682.0 | 103.1 | 1010.0 |
| 72 | 2-7/8 | 9 | 670.0 | 737.0 | 108.1 | 1059.0 |
| 78 | 3-5/32 | 9-3/4 | 728.0 | 800.8 | 120.1 | 1177.0 |
| 84 | 3-5/16 | 10-1/2 | 850.0 | 935.0 | 140.1 | 1373.0 |
| 90 | 3-9/16 | 11-1/4 | 1010.01 | 1111.01 | 165.2 | 1619.0 |
| 96 | 3-13/16 | 12 | 170.0 | 287.0 | 192.2 | 1884.0 |

Spliced strength: ± 10% lower, Weight and length tolerance: ± 5%. Diameter: ± 2% MBL = Minimum Breaking Load conform ISO 2307
Breaking strength without splices or any other termination. **Other sizes are available on request.**

Applications

Self-tensioning winchlines, Excellent performance in mooring and winch drum

Introduction

Manufacturer of high quality cordage for various applications, KOHINOOR ROPES is a name recognized in domestic & international markets. Operating since 1985, we have a long record for product excellence, strong R & D and diligent quality control.

We are supported by an experienced design & product development team. As an ISO 9001:2000 certified company, we have a well established quality management system functioning at every level. As a company, we strive for continual improvement to ensure customer delight at all times.



Quality Promise

To ensure high quality standards, our products are evaluated throughout the manufacturing process.



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