



MARINE & SHIP

PRODUCT BROCHURE

Dedicated to customized high performance synthetic rope solutions for marine & ship. Duracordix makes your work safer, lighter and easier.



Solutions For Marine & Ship

1. Mooring



Solution: Use HMPE rope for its superior strength and durability, ideal for securing large vessels, combined with UV-resistant polyester rope for additional safety and abrasion resistance in sun-exposed docks.

2. Towing



Solution: Employ HMPE rope for high-load towing due to its low elongation and high strength, supplemented by elastic nylon rope to absorb shocks and vibrations in rough sea conditions.

3. Lifting and Hoisting



Solution: Utilize HMPE rope for heavy industrial lifting, offering high strength and efficiency, paired with a polyester and polypropylene mix rope for frequent operations that require durability and ease of handling.

4. Anchoring



Solution: Use HMPE rope for its exceptional tensile strength in securing heavy loads, complemented by polyester rope for abrasion resistance and nylon rope for elasticity to minimize damage during transport.

5. Securing and Lashing



Solution: Combine HMPE rope for its superior strength in large vessel mooring with a polyester and polypropylene mix rope, offering lightweight, durable properties ideal for secure maneuvering and docking operations.

6. Docking Operations



Solution: Combine HMPE rope for its superior strength in large vessel mooring with a polyester and polypropylene mix rope, offering lightweight, durable properties ideal for secure maneuvering and docking operations.

7. Rescue and Safety



Solution: Use HMPE rope for extreme rescue and safety operations, offering high strength and rapid deployment, complemented by polypropylene rope for its excellent buoyancy in lifesaving scenarios.

PRODUCT

1. UltraX
2. CoreShield
3. MaxDur
- 4 HeatSafe
5. FlexMax
6. DuraPoly
7. PolyProLine
8. ProFilament
8. Chafe Protection

UltraX

Made of **Ultra-High-Molecular-Weight Polyethylene**, it offers unparalleled strength, durability, and reliability, with a break strength 1.5 times higher and weight around 1/10 of equivalent steel wire ropes, engineered for the toughest marine environments.

Characteristics

Specific Gravity: 0.97g/cm Floating
Melting Point: 145°C
Elongation at break: 3.5-4%
Water Absorption: None
UV resistance: Good
Abrasion resistance: Good
Chemical corrosion resistance: Super

Structure

8-strand & 12-strand
Single braided



Specification

| 直径Dia. (mm) | 周长Cir (Inch) | 线密度Ktex (g/m) | 破断力KN |
|-------------|--------------|---------------|-------|
| 4 | 1/2 | 10 | 18 |
| 6 | 3/4 | 23 | 33 |
| 8 | 1 | 39 | 56 |
| 10 | 1-1/4 | 61 | 89 |
| 12 | 1-1/2 | 87 | 148 |
| 14 | 1-3/4 | 117 | 182 |
| 16 | 2 | 151 | 240 |
| 18 | 2-1/4 | 190 | 284 |
| 20 | 2-1/2 | 232 | 334 |
| 22 | 2-3/4 | 281 | 401 |
| 24 | 3 | 331 | 473 |
| 26 | 3-1/4 | 384 | 540 |
| 28 | 3-1/2 | 445 | 610 |
| 30 | 3-3/4 | 506 | 690 |
| 32 | 4 | 575 | 780 |
| 34 | 4-1/4 | 648 | 860 |
| 36 | 4-1/2 | 720 | 940 |
| 38 | 4-3/4 | 798 | 1040 |
| 40 | 5 | 881 | 1130 |
| 44 | 5-1/2 | 1060 | 1310 |
| 48 | 6 | 1250 | 1530 |
| 52 | 6-1/2 | 1460 | 1770 |
| 56 | 7 | 1690 | 2030 |
| 60 | 7-1/2 | 1930 | 2280 |
| 64 | 8 | 2200 | 2560 |
| 68 | 8-1/2 | 2480 | 2850 |
| 72 | 9 | 2780 | 3170 |
| 76 | 9-1/2 | 3090 | 3500 |
| 80 | 10 | 3430 | 3870 |
| 88 | 11 | 4170 | 4680 |
| 96 | 12 | 4970 | 5560 |
| 100 | 12-1/2 | 5515 | 6230 |
| 104 | 13 | 5816 | 6670 |
| 112 | 14 | 6780 | 7770 |
| 120 | 15 | 7743 | 8870 |

Applications

Marine mooring
Tug Towing
Offshore operations
Docking lines
lifting and rigging Sling
Winch Rope
Fishing Net
Cargo Lashing



Custom diameters and lengths are available.

±5% tolerance according to ISO 2307.

The minimum break load should never be considered the safe working load.

CoreShield

Engineered for marine applications, its non-rotative, torque-free construction prevents kinking. The **UHMWPE core and polyester cover** ensure unmatched strength, durability, and flexibility. Ideal for mooring, towing, and lifting with excellent wear resistance and handling.



Characteristics

Specific Gravity: 0.97~1.09g/cm Floating
 Melting Point: 260°C 145°C
 Elongation at break: 3.5-4%
 Water Absorption: None
 UV resistance: Good
 Abrasion resistance: Good
 Chemical corrosion resistance: Super

Structure

Jacket: High Tenacity Polyester
 Core: 12-Strand HMPE
 Double Braided

Specification

| 直径Dia. (mm) | 周长Cir (Inch) | 线密度Ktex (g/m) | 破断力KN |
|-------------|--------------|---------------|-------|
| 4 | 1/2 | 10 | 18 |
| 6 | 3/4 | 23 | 33 |
| 8 | 1 | 39 | 56 |
| 10 | 1-1/4 | 61 | 89 |
| 12 | 1-1/2 | 87 | 148 |
| 14 | 1-3/4 | 117 | 182 |
| 16 | 2 | 151 | 240 |
| 18 | 2-1/4 | 190 | 284 |
| 20 | 2-1/2 | 232 | 334 |
| 22 | 2-3/4 | 281 | 401 |
| 24 | 3 | 331 | 473 |
| 26 | 3-1/4 | 384 | 540 |
| 28 | 3-1/2 | 445 | 610 |
| 30 | 3-3/4 | 506 | 690 |
| 32 | 4 | 575 | 780 |
| 34 | 4-1/4 | 648 | 860 |
| 36 | 4-1/2 | 720 | 940 |
| 38 | 4-3/4 | 798 | 1040 |
| 40 | 5 | 881 | 1130 |
| 44 | 5-1/2 | 1060 | 1310 |
| 48 | 6 | 1250 | 1530 |
| 52 | 6-1/2 | 1460 | 1770 |
| 56 | 7 | 1690 | 2030 |
| 60 | 7-1/2 | 1930 | 2280 |
| 64 | 8 | 2200 | 2560 |
| 68 | 8-1/2 | 2480 | 2850 |
| 72 | 9 | 2780 | 3170 |
| 76 | 9-1/2 | 3090 | 3500 |
| 80 | 10 | 3430 | 3870 |
| 88 | 11 | 4170 | 4680 |
| 96 | 12 | 4970 | 5560 |
| 100 | 12-1/2 | 5515 | 6230 |
| 104 | 13 | 5816 | 6670 |
| 112 | 14 | 6780 | 7770 |
| 120 | 15 | 7743 | 8870 |

Custom diameters and lengths are available.

±5% tolerance according to ISO 2307.

The minimum break load should never be considered the safe working load.

Applications

- Marine Mooring
- Tug Towing
- Offshore Operations
- Docking Lines
- Lifting Sling
- Winch Rope
- General Working Line



MaxDura

MaxDura ropes are designed for ultimate durability and strength. Featuring a **double-layered UHMWPE** construction, these ropes are perfect for heavy-duty applications where maximum load-bearing capacity and longevity are essential.



Characteristics

Specific Gravity: 0.97g/cm Floating
 Melting Point: 145°C
 Elongation at break: 3.5-4%
 Water Absorption: None
 UV resistance: Good
 Abrasion resistance: Good
 Chemical corrosion resistance: Super

Structure

Jacket: UHMWPE
 Core: 12-strand UHMWPE
 Double Braided

Specification

| 直径Dia. (mm) | 周长Cir (inch) | 线密度K(tex (g/m)) | 破断力KN |
|-------------|--------------|-----------------|-------|
| 22 | 2-3/4 | 281 | 401 |
| 24 | 3 | 331 | 473 |
| 26 | 3-1/4 | 384 | 540 |
| 28 | 3-1/2 | 445 | 610 |
| 30 | 3-3/4 | 506 | 690 |
| 32 | 4 | 575 | 780 |
| 34 | 4-1/4 | 648 | 860 |
| 36 | 4-1/2 | 720 | 940 |
| 38 | 4-3/4 | 798 | 1040 |
| 40 | 5 | 881 | 1130 |
| 44 | 5-1/2 | 1060 | 1310 |
| 48 | 6 | 1250 | 1530 |
| 52 | 6-1/2 | 1460 | 1770 |
| 56 | 7 | 1690 | 2030 |
| 60 | 7-1/2 | 1930 | 2280 |
| 64 | 8 | 2200 | 2560 |
| 68 | 8-1/2 | 2480 | 2850 |
| 72 | 9 | 2780 | 3170 |
| 76 | 9-1/2 | 3090 | 3500 |
| 80 | 10 | 3430 | 3870 |
| 88 | 11 | 4170 | 4680 |
| 96 | 12 | 4970 | 5560 |
| 100 | 12-1/2 | 5515 | 6230 |
| 104 | 13 | 5816 | 6670 |
| 112 | 14 | 6780 | 7770 |
| 120 | 15 | 7743 | 8870 |

Applications

Marine mooring
 Towing Vessels
 Docking lines
 Offshore Winching
 Cargo Lift
 Marine Rigging
 Safety Lines



Custom diameters and lengths are available.

±5% tolerance according to ISO 2307.

The minimum break load should never be considered the safe working load.

HeatSaf

Made of **para-aramid fibers(Kevlar)**, engineered for marine applications, our HeatSaf rope offers exceptional strength, durability, and heat resistance. Perfect for mooring, towing, and securing, it ensures reliable performance in the harshest marine environments.



Characteristics

Specific Gravity: 1.44g/cm Floating

Melting Point: 500°C

Elongation at break: 4%

Water Absorption: less 1%

UV resistance: Good

Abrasion resistance: Great

Chemical corrosion resistance: Good

Structure

Jacket: Kevlar fiber

Core: 12-strand Kevlar fiber

Double Braided

Specification

| 直径Dia. (mm) | 周长Cir (inch) | 线密度Ktex (g/m) | 破断力KN |
|-------------|--------------|---------------|-------|
| 6 | 3/4 | 30 | 19 |
| 8 | 1 | 52 | 34 |
| 10 | 1-1/4 | 81 | 55 |
| 12 | 1-1/2 | 120 | 75 |
| 16 | 2 | 210 | 130 |
| 18 | 2-1/4 | 265 | 172 |
| 20 | 2-1/2 | 328 | 205 |
| 24 | 3 | 462 | 308 |
| 28 | 3-1/2 | 632 | 429 |
| 32 | 4 | 830 | 539 |
| 36 | 4-1/2 | 1050 | 582 |
| 40 | 5 | 1290 | 715 |
| 44 | 5-1/2 | 1570 | 869 |
| 48 | 6 | 1860 | 1030 |
| 52 | 6-1/2 | 2190 | 1210 |
| 56 | 7 | 2540 | 1410 |
| 60 | 7-1/2 | 2910 | 1610 |
| 64 | 8 | 3310 | 1830 |
| 72 | 9 | 4190 | 2320 |
| 80 | 10 | 5180 | 2870 |
| 88 | 11 | 6270 | 3470 |
| 96 | 12 | 7460 | 4130 |
| 104 | 13 | 8750 | 4850 |

Custom diameters and lengths are available.

±5% tolerance according to ISO 2307.

The minimum break load should never be considered the safe working load.

Applications

- Marine mooring
- Tug Towing
- lifting and rigging Sling
- Winch Rope
- Safety Line
- Fishing Line



FlexMax

Made of durable **nylon fiber**, FlexMax offers exceptional strength and moderate water absorption. Ideal for marine applications such as mooring, towing, and rigging, it ensures reliable performance and durability in wet conditions.



Characteristics

- Specific Gravity: 1.14g/cm Floating
- Melting Point: 215°C
- Elongation at break: 25%
- UV resistance: Good
- Abrasion resistance: Very Good
- Chemical corrosion resistance: Good

Structure

- Material: Nylon Fiber
- 8 Strand & 12 Strand
- Single Braided

Specification

| 八股绳参数 8-Strand Rope Parameter Table | | | | 十二股绳参数 12-Strand Rope Parameter Table | | | |
|--|------------------|-------------------|-----------|--|------------------|-------------------|-----------|
| 直径 Dia. (mm) | 周长 Cir (inch) | 线密度 Ktex (g/m) | 破断力 KN | 直径 Dia. (mm) | 周长 Cir (inch) | 线密度 Ktex (g/m) | 破断力 KN |
| 24 | 3 | 437 | 90 | 24 | 3 | 437 | 91 |
| 28 | 3-1/2 | 594 | 120 | 28 | 3-1/2 | 594 | 122 |
| 32 | 4 | 778 | 154 | 32 | 4 | 778 | 157 |
| 36 | 4-1/2 | 982 | 190 | 36 | 4-1/2 | 982 | 194 |
| 40 | 5 | 1215 | 235 | 40 | 5 | 1215 | 240 |
| 44 | 5-1/2 | 1468 | 279 | 44 | 5-1/2 | 1468 | 285 |
| 48 | 6 | 1750 | 329 | 48 | 6 | 1750 | 338 |
| 52 | 6-1/2 | 2050 | 384 | 52 | 6-1/2 | 2050 | 392 |
| 56 | 7 | 2380 | 438 | 56 | 7 | 2380 | 448 |
| 60 | 7-1/2 | 2730 | 469 | 60 | 7-1/2 | 2730 | 499 |
| 64 | 8 | 3110 | 568 | 64 | 8 | 3110 | 579 |
| 72 | 9 | 3930 | 707 | 72 | 9 | 3930 | 721 |
| 80 | 10 | 4850 | 867 | 80 | 10 | 4850 | 884 |
| 88 | 11 | 5870 | 1040 | 88 | 11 | 5870 | 1051 |
| 96 | 12 | 6990 | 1230 | 96 | 12 | 6970 | 1255 |
| 104 | 13 | 8200 | 1420 | 104 | 13 | 8200 | 1448 |
| 112 | 14 | 9500 | 1620 | 112 | 14 | 9500 | 1652 |
| 120 | 15 | 10900 | 1865 | 120 | 15 | 10900 | 1902 |

Custom diameters and lengths are available.

±5% tolerance according to ISO 2307.

The minimum break load should never be considered the safe working load.

Applications

- Marine mooring
- Towing Line
- Anchoring
- Lifeline
- Fender Line
- Fishing



DuraPoly

Made of **high-tensity polyester fiber**, DuraPoly offers exceptional strength, fatigue resistance, and durability. Ideal for marine applications such as mooring, towing, and rigging, it ensures reliable performance and longevity in harsh conditions.



Characteristics

Specific Gravity: 1.38g/cm Non-Floating
 Melting Point: 265°C
 Elongation at break: 13%
 UV resistance: Good
 Abrasion resistance: Very Good
 Chemical corrosion resistance: Good

Structure

Material: Polyester Fiber
 8 Strand & 12 Strand
 Single Braided & Double Braided

Specification

| Size 尺寸 | | Weight 重量 | Breaking Strength 破断力 | | Size 尺寸 | | Weight 重量 | Breaking Strength 破断力 | |
|------------|---------------|-----------|-----------------------|--------|------------|---------------|-----------|-----------------------|--------|
| Dia(mm) 直径 | Cir (inch) 圆周 | Ktex 线密度 | KN 千牛 | Ton 公吨 | Dia(mm) 直径 | Cir (inch) 圆周 | Ktex 线密度 | KN 千牛 | Ton 公吨 |
| 4 | 1/2 | 12 | 2.9 | 0.30 | 40 | 5 | 1215 | 250 | 25.51 |
| 6 | 3/4 | 27 | 5.6 | 0.57 | 44 | 5-1/2 | 1468 | 295 | 30.10 |
| 8 | 1 | 48 | 10 | 1.02 | 48 | 6 | 1750 | 346 | 35.31 |
| 10 | 1-1/4 | 76 | 15.6 | 1.59 | 52 | 6-1/2 | 2050 | 405 | 41.33 |
| 12 | 1-1/2 | 110 | 22.3 | 2.28 | 56 | 7 | 2380 | 458 | 46.73 |
| 14 | 1-3/4 | 148 | 31.2 | 3.18 | 60 | 7-1/2 | 2730 | 512 | 52.24 |
| 16 | 2 | 195 | 39.8 | 4.06 | 64 | 8 | 3110 | 599 | 61.12 |
| 18 | 2-1/4 | 245 | 49.8 | 5.08 | 72 | 9 | 3930 | 738 | 75.31 |
| 20 | 2-1/2 | 303 | 62.3 | 6.36 | 80 | 10 | 4850 | 889 | 90.71 |
| 22 | 2-3/4 | 367 | 74.7 | 7.62 | 88 | 11 | 5870 | 1059 | 108.06 |
| 24 | 3 | 437 | 89.6 | 9.14 | 96 | 12 | 6990 | 1246 | 127.14 |
| 26 | 3-1/4 | 512 | 105 | 10.71 | 104 | 13 | 8200 | 1439 | 146.84 |
| 28 | 3-1/2 | 594 | 120 | 12.24 | 112 | 14 | 9500 | 1645 | 167.86 |
| 30 | 3-3/4 | 682 | 134 | 13.67 | 120 | 15 | 10900 | 1880 | 191.84 |
| 32 | 4 | 778 | 154 | 15.71 | 128 | 16 | 12400 | 2129 | 217.24 |
| 36 | 4-1/2 | 982 | 190 | 19.39 | 136 | 17 | 14000 | 2419 | 246.84 |
| 40 | 5 | 1215 | 235 | 23.98 | 144 | 18 | 15700 | 2670 | 272.45 |
| | | | | | 160 | 20 | 19400 | 3290 | 335.71 |

Custom diameters and lengths are available.

±5% tolerance according to ISO 2307.

The minimum break load should never be considered the safe working load.

Applications

- Marine mooring
- Towing Line
- Anchoring
- Lifeline
- Fender Line
- Fishing



PolyProLine

Made of **Polypropylene**, PolyProLine is lightweight, strong, and efficient for vessel operations. It offers excellent wear, chemical, and UV resistance, making it ideal for mooring, towing, marine fishing, and aquaculture.



Characteristics

Specific Gravity: 0.91g/cm Floating
Melting Point: 168°C
Elongation at break: 21%
UV resistance: Normal
Abrasion resistance: Good
Chemical corrosion resistance: Very Good
Wet-dry Strength Ratio: Dry≈Wet

Structure

Material: Polypropylene Fiber
3 Strand, 8 Strand & 12 Strand
Single Braided

Specification

| 直径Dia. (mm) | 周长Cir (inch) | 线密度Ktex (g/m) | 破断力KN |
|---------------|----------------|-----------------|-------|
| 20 | 2-1/2 | 182 | 57 |
| 24 | 3 | 259 | 80 |
| 28 | 3-1/2 | 355 | 105 |
| 32 | 4 | 459 | 132 |
| 36 | 4-1/2 | 586 | 166 |
| 40 | 5 | 718 | 201 |
| 44 | 5-1/2 | 882 | 242 |
| 48 | 6 | 1041 | 280 |
| 52 | 6-1/2 | 1218 | 325 |
| 56 | 7 | 1418 | 371 |
| 60 | 7-1/2 | 1631 | 424 |
| 64 | 8 | 1850 | 480 |
| 68 | 8-1/2 | 2096 | 542 |
| 72 | 9 | 2341 | 603 |
| 80 | 10 | 2900 | 741 |
| 88 | 11 | 3509 | 890 |
| 92 | 11-1/4 | 3837 | 970 |
| 96 | 12 | 4164 | 1050 |
| 100 | 12-1/2 | 4532 | 1127 |
| 104 | 13 | 4900 | 1204 |
| 112 | 14 | 5700 | 1390 |
| 120 | 15 | 6500 | 1596 |

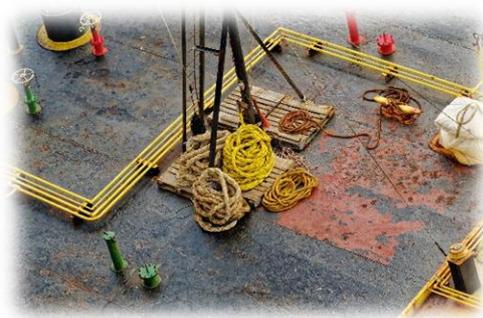
Custom diameters and lengths are available.

±5% tolerance according to ISO 2307.

The minimum break load should never be considered the safe working load.

Applications

Marine mooring
Barge Working Line
Towing Line
H-Bitt Working Line
Utility Working Line
Fishing Traps



GripBraid

A durable, high-strength double braided rope combining **polyester and polypropylene**. Ideal for marine, industrial, and outdoor use, it offers superior grip, flexibility, and resistance to abrasion and UV, ensuring reliable performance in diverse conditions



Characteristics

Specific Gravity: <1 g/cm Floating
Melting Point: 165/260°C
Elongation at break: 17-21%
UV resistance: Good
Abrasion resistance: Good
Chemical corrosion resistance: Very Good

Structure

Material: Polypropylene & Polyester
8 Strand & 12 Strand
Double Braided

Specification

| 直径Dia. (mm) | 周长Cir (inch) | 线密度Ktex (g/m) | 破断力KN |
|---------------|----------------|-----------------|-------|
| 40 | 5 | 902 | 266 |
| 44 | 5-1/2 | 1093 | 324 |
| 48 | 6 | 1300 | 380 |
| 52 | 6-1/2 | 1525 | 443 |
| 56 | 7 | 1773 | 513 |
| 60 | 7-1/2 | 2035 | 584 |
| 64 | 8 | 2310 | 665 |
| 72 | 9 | 2924 | 846 |
| 80 | 10 | 3610 | 1036 |
| 88 | 11 | 4371 | 1254 |
| 96 | 12 | 5207 | 1501 |
| 104 | 13 | 6112 | 1758 |
| 112 | 14 | 7082 | 2043 |
| 120 | 15 | 8127 | 2328 |

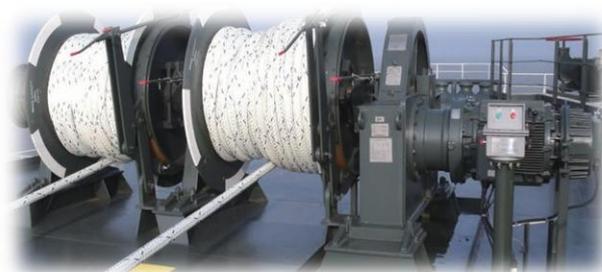
Custom diameters and lengths are available.

±5% tolerance according to ISO 2307.

The minimum break load should never be considered the safe working load.

Applications

Marine mooring
Dock Lines
Towing Rope
Rigging Line
Anchor Line



ProFilament

ProFilamen is a premium-grade polypropylene multifilament rope, engineered for lightweight durability, excellent chemical resistance, and reliable performance across marine, industrial, and utility applications



Characteristics

- Specific Gravity: 0.91 (floats on water)
- Melting Point: 165°C
- Elongation at Break: 15%–18%
- UV Resistance: Moderate
- Abrasion Resistance: High
- Chemical Corrosion Resistance: High

Structure

- Material: polypropylene multifilament
- 3, 8 Strand & 12 Strand
- Single Braided

Specification

| Size 尺寸 | | Weight 重量 | Breaking Strength 破断力 | | Size 尺寸 | | Weight 重量 | Breaking Strength 破断力 | |
|---------------|--------------------|--------------|--------------------------|-----------|---------------|--------------------|--------------|--------------------------|-----------|
| Dia(mm) 直径 | Cir (inch) 圆周 | Ktex 线密度 | KN 千牛 | Ton 公吨 | Dia(mm) 直径 | Cir (inch) 圆周 | Ktex 线密度 | KN 千牛 | Ton 公吨 |
| 4 | 1/2 | 6.3 | 2.3 | 0.23 | 40 | 5 | 756 | 226 | 23.06 |
| 6 | 3/4 | 18 | 6.5 | 0.66 | 44 | 5-1/2 | 924 | 271 | 27.65 |
| 8 | 1 | 32 | 11.4 | 1.16 | 48 | 6 | 1092 | 315 | 32.14 |
| 10 | 1-1/4 | 47 | 16.8 | 1.71 | 52 | 6-1/2 | 1281 | 364 | 37.14 |
| 12 | 1-1/2 | 68 | 23.9 | 2.43 | 56 | 7 | 1491 | 416 | 42.45 |
| 14 | 1-3/4 | 95 | 32.9 | 3.35 | 60 | 7-1/2 | 1712 | 476 | 48.57 |
| 16 | 2 | 121 | 40.7 | 4.15 | 64 | 8 | 1943 | 539 | 55.00 |
| 18 | 2-1/4 | 155 | 51.9 | 5.29 | 72 | 9 | 2457 | 676 | 68.98 |
| 20 | 2-1/2 | 189 | 62.6 | 6.38 | 80 | 10 | 3045 | 832 | 84.90 |
| 22 | 2-3/4 | 231 | 75.0 | 7.65 | 88 | 11 | 3686 | 998 | 101.84 |
| 24 | 3 | 273 | 87.7 | 8.94 | 96 | 12 | 4379 | 1178 | 120.20 |
| 26 | 3-1/4 | 320 | 101.0 | 10.30 | 104 | 13 | 5145 | 1351 | 137.86 |
| 28 | 3-1/2 | 373 | 115.0 | 11.73 | 112 | 14 | 5985 | 1560 | 159.18 |
| 30 | 3-3/4 | 425 | 132.0 | 13.46 | 120 | 15 | 6825 | 1791 | 182.76 |
| 32 | 4 | 483 | 146.0 | 14.89 | 128 | 16 | 7770 | 2022 | 206.33 |
| 36 | 4-1/2 | 614 | 182.0 | 18.57 | 136 | 17 | 8820 | 2276 | 232.24 |
| 40 | 5 | 756 | 221.0 | 22.55 | 144 | 18 | 9870 | 2540 | 259.18 |

Custom diameters and lengths are available.

±5% tolerance according to ISO 2307.

The minimum break load should never be considered the safe working load.

Applications

- Mooring & Dock
- Fishing Netting & Gill Nets
- Towing & Anchoring Lines
- Aquaculture
- Buoy Lines
- Sailboat Rigging



Other Products

3 Strand Rope



Polyethylene Tiger Rope



Mooring Tails



Chafe Protection

Chafe protection for marine rope can help prevent wear and abrasion on ropes. Chafe protection can also reduce downtime for ships and protect the environment. Chafe protection can also help prevent frayed fibers from entering the water, which can reduce marine pollution.



Advantages

Enhanced Safety: Chafe protection ensures strengthened ropes, preventing potential breaks and enhancing overall safety for sails, equipment, and the boat.

Cost Savings: By minimizing rope damage, chafe protection reduces the need for costly replacements, resulting in significant savings in repair and maintenance expenses.

Optimized Performance: Chafe protection preserves the strength and flexibility of ropes, optimizing their performance and effectiveness in fulfilling their intended purposes.

Main Types

01 Tubular Sleeve



Crafted from high-tenacity polyester fibers, this woven marvel forms a durable, abrasion-resistant shield around your ropes, keeping them safe from the harsh realities of nautical life,

02 PR Wear Protection



Crafted from high-tenacity polyester fibers, built in a layered design. Thicker than regular tubular sleeve and removable and easy to handle

03 Dura Cage



It seamlessly integrates the lightweight, abrasion-resistant, and non-water-absorbing attributes of UHMWPE fiber within its braided cover sleeve.

04 DB Wear Protection



This is a tightly braided tubular polyester chafe sleeve with proprietary marine polyurethane coating for use in extreme applications.

05 PT Wear Protection



Densely braided polyester chafe sleeve, coated with marine-grade polyurethane, designed for extreme chafe resistance. Offers robust protection, slightly less flexible.



NOW

**Experience
the Duracordix Difference**

Don't just meet industry standards;
redefine them.

Reach out to Duracordix today to
discover products that intertwine
quality with reliability, ensuring your
project stands the test of time.



Phone Number:
0086 13553064622

Website:
www.duracordix.com

GET IN TOUCH

Email Us:
info@duracordix.com

Adress:
Industrial Concentration
Zone, Cao Dian Town,
Bao ying County, Yangzhou
City, China