

# N21

## *Extra Line Double Braid Mooring Line*



This Nylon Double Braid Rope is made from 100% high-tenacity nylon fibers, featuring a braided cover over a braided core. Its strong, round, and flexible construction provides excellent shock absorption, abrasion resistance, and handling performance. Specially designed spliced eyes help maintain high breaking strength and long-term durability, making it ideal for demanding mooring and towing applications.



Can be certified by



**ROPEERS**  
RELIABLE TO THE CORE



## TECHNICAL INFORMATION

|                         |                |
|-------------------------|----------------|
| CORE                    | Nylon          |
| COVER                   | Nylon          |
| SPECIFIC GRAVITY        | 1.14           |
| CONSTRUCTION            | Double Braided |
| MELTING POINT           | 428°F (220 °C) |
| CRITICAL TEMP           | 329°F (165 °C) |
| ELONGATION AT 30% BREAK | 14.8%          |
| WATER ABSORPTION        | 3-5%           |



100% high-strength  
nylon



Impact &  
abrasion-resistant



Torque-free



Round & tough, yet soft



Easy to handle

| Diameter |        | Weight  |           | Minimum Strength ISO Unspliced Rope |         |
|----------|--------|---------|-----------|-------------------------------------|---------|
| mm       | inch   | kg/100m | lbs/100ft | kgf                                 | lbs     |
| 22       | 7/8    | 31.8    | 21.3      | 13,800                              | 30,300  |
| 24       | 1      | 35.4    | 23.7      | 15,300                              | 33,800  |
| 26       | 1 1/16 | 42.0    | 28.2      | 17,700                              | 38,900  |
| 28       | 1 1/8  | 51.5    | 34.5      | 21,700                              | 47,700  |
| 30       | 1 1/4  | 58.0    | 38.9      | 24,300                              | 53,600  |
| 38       | 1 1/2  | 84.5    | 56.7      | 35,700                              | 78,400  |
| 40       | 1 9/16 | 104.0   | 69.7      | 42,200                              | 92,900  |
| 42       | 1 5/8  | 113.5   | 76.1      | 45,900                              | 101,000 |
| 44       | 1 3/4  | 130.5   | 87.5      | 52,100                              | 114,700 |
| 50       | 2      | 160.0   | 107.3     | 63,300                              | 139,300 |
| 55       | 2 1/4  | 200.0   | 134.1     | 75,800                              | 166,700 |
| 60       | 2 3/8  | 229.5   | 153.9     | 89,200                              | 196,300 |
| 65       | 2 5/8  | 269.0   | 180.4     | 103,900                             | 228,600 |
| 70       | 2 3/4  | 312.0   | 209.2     | 118,900                             | 261,600 |
| 75       | 3      | 361.5   | 242.4     | 137,800                             | 303,100 |
| 80       | 3 1/4  | 412.0   | 276.3     | 155,600                             | 342,200 |
| 85       | 3 3/8  | 462.0   | 309.8     | 173,300                             | 381,300 |
| 90       | 3 1/2  | 518.5   | 347.7     | 194,400                             | 427,800 |
| 95       | 3 3/4  | 578.5   | 387.9     | 215,600                             | 474,200 |
| 100      | 4      | 639.5   | 428.8     | 238,900                             | 525,600 |

Diameter, weight and MBS are determined in accordance with ISO 2307:2019. Specifications are for unspliced strengths, strength will decrease by about 10% after splicing. Custom diameter and length available by request.

**Warning:** The minimum breaking strength must never be regarded as the safe working load of the rope.

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