

T21

Extra Line

Double Braid Mooring Line



Made from 100% high-tenacity polyester fibers, this double braid rope provides excellent abrasion and heat resistance, low elongation, and high breaking strength. Its firm yet flexible construction ensures easy handling, making it ideal for marine mooring, capstan, and towing applications.



Can be certified by



ROPERS
RELIABLE TO THE CORE

TECHNICAL INFORMATION

CORE | Polyester

COVER | Polyester

SPECIFIC GRAVITY | 1.38

CONSTRUCTION | Double Braided

MELTING POINT | 482°F (250°C)

CRITICAL TEMP | 350°F (177°C)

ELONGATION AT 30% BREAK | 7.1%

WATER ABSORPTION | 0.1-0.3%



100% high-strength polyester



Ultra-durable double braid



Outperforms polypropylene, polyethylene and nylon ropes in heat-resistance



Low elongation

Diameter		Weight		Minimum Strength ISO Unspliced Rope	
mm	inch	kg/100m	lbs/100ft	kgf	lbs
22	7/8	41.3	27.7	8,900	19,600
24	1	49.6	33.3	10,600	23,200
26	1 1/16	58.0	38.9	12,300	27,100
28	1 1/8	66.0	44.3	13,900	30,600
30	1 1/4	75.0	50.3	15,600	34,200
38	1 1/2	108.5	72.8	22,400	49,300
40	1 9/16	134.5	90.2	27,000	59,400
42	1 5/8	146.0	97.9	29,400	64,800
44	1 3/4	167.5	112.3	34,700	76,200
50	2	210.0	140.8	41,600	91,400
55	2 1/4	252.0	169.0	48,900	107,600
60	2 1/2	303.5	203.5	59,000	129,800
65	2 5/8	355.0	238.0	68,300	150,300
70	2 3/4	409.5	274.6	78,400	172,600
75	3	469.5	314.8	87,900	193,300
80	3 1/4	533.5	357.7	100,900	222,000
85	3 3/8	602.5	404.0	113,300	249,300
90	3 1/2	679.5	455.6	126,700	278,700
95	3 3/4	761.0	510.3	141,100	310,400
100	4	838.0	561.9	154,400	339,800

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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