

12-Strand Dyneema® Fiber Rope (UHMWPE)

The 12-strand Dyneema® fiber rope (UHMWPE) yields the maximum in strength-to-weight ratio and is stronger than wire rope constructions. It floats, offers superior flexibility and resists well to intensive use.

Features

- Stronger than a steel cable of the same diameter at only 1/7th the weight
- Extremely light
- Highly abrasion resistant
- Easily spliced
- Torque-free
- Flexible and easy to handle
- Similar elastic elongation to wire rope
- Easily inspected or field spliced
- Floats
- Fatigue and wear resistant

Applications

- Helicopter longlines
- Diving lifelines
- Winch lines
- Pulling lines
- Complex rigging lines
- Wire replacement ropes



SPECIFICATIONS

- Standard color: Orange (other colors available upon request)

Code	Diameter		kg per 100m	lbs per 100'	Average strength	
	(mm)	(in)			(kg)	(lbs)
DYNEEMA04 COA	3.2	1/8	0.45	0.3	1 315	2 900
DYNEEMA06 COA	4.8	3/16	1.5	1.0	2 495	5 500
DYNEEMA08 COA	6.4	1/4	2.4	1.6	3 946	8 700
DYNEEMA10 COA	7.9	5/16	3.9	2.6	6 033	13 300
DYNEEMA12 COA	9.5	3/8	5.2	3.5	8 845	19 500
DYNEEMA14 COA	11.1	7/16	6.2	4.2	10 659	23 500
DYNEEMA16 COA	12.7	1/2	9.5	6.4	15 422	34 000
DYNEEMA20 COA	15.9	5/8	15.2	10.2	23 814	52 500
DYNEEMA24 COA	19.1	3/4	19.9	13.4	29 937	66 000
DYNEEMA28 COA	22.2	7/8	29.0	19.5	43 091	95 000
DYNEEMA32 COA	25.4	1	32.3	21.7	50 802	112 000
DYNEEMA36 COA	28.6	1-1/8	47.5	31.9	68 039	150 000
DYNEEMA40 COA	31.8	1-1/4	54.0	36.3	77 101	170 000
DYNEEMA44 COA	34.9	1-3/8	67.0	45.0	93 440	206 000
DYNEEMA48 COA	38.1	1-1/2	76.9	51.7	104 326	230 000

Elastic elongation per % of breaking strength

10%	20%	30%
0.46% elongation	0.70% elongation	0.96% elongation

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