NEW ENGLAND ROPES

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Registered ISO 9001
Cordage Institute Member

MEGA BRAID II™

PLEASURE MARINE

PRODUCT DESCRIPTION

Mega Braid II™ is the most abrasion resistant 12-strand dock/anchor line on the market. Each strand in Mega Braid II is individually braided resulting in an extremely firm yet flexible rope that resists picking and chafing. Mega Braid II™ is durable enough for use in many popular powered windlasses.

FEATURES

- Supple
- High Strength
- Very Good Abrasion Resistance
- Easily Spliced
- Resists Kinking

APPLICATIONS

- Anchor Lines
- Dock Lines

Mega Braid II- Black

COMPLEMENTARY PRODUCTS

- Nylon Double Braid
- 3-Strand Nylon
- Mega Braid™
- Mega Plait™
- Fender Whips

MEGA BRAID II

SUNLIGHT/UV:

Nylon has very little degradation from UV, and can be used over long term if inspected regularly.

CHEMICALS:

Nylon will degrade with strong oxidizing agents, mineral acids, and 90% formic acid. Nylon may discolor when exposed to high levels of carbon dioxide.

HEAT:

Nylon has a melting point of 460ºF with progressive strength loss above temperatures of 300ºF.

DIELECTRICS:

Good resistance to the passage of electrical current. However, dirt, surface contaminants, water entrapment, and the like can significantly affect dielectric properties. Extreme caution should be exercised any time a rope is in the proximity of live circuits.

SHEAVES:

Recommended D/d* ratio is 8:1. (*Sheave diameter to rope diameter)

WORKING LOADS:

No blanket safe working load (SWL) recommendations can be made for any line because SWL's must be calculated based on application, conditions of use, and potential danger to personnel among other considerations. It is recommended that the end user establish working loads and safety factors based on best practices established by the end user's industry; by professional judgment and personal experience; and after thorough assessment of all risks. The SWL is a guideline for the use of a rope in good condition for non-critical applications and should be reduced where life, limb, or valuable property is involved, or in cases of exceptional service such as shock loading, sustained loading, severe vibration, etc. The Cordage Institute specifies that the SWL of a rope shall be determined by dividing the Minimum Tensile Strength of the rope by a safety factor. The safety factor ranges from 5 to 12 for non-critical uses and is typically set at 15 for life lines.

SPLICING INSTRUCTIONS:

12-Strand Eye Splice - Bury

PART NUMBER SERIES:

1130 - White 1134 - Black

When placing an order for this product, please build your part number according to this formula: XXXX-YY-ZZZZZ where:

XXXX = Part Number Series (found above)

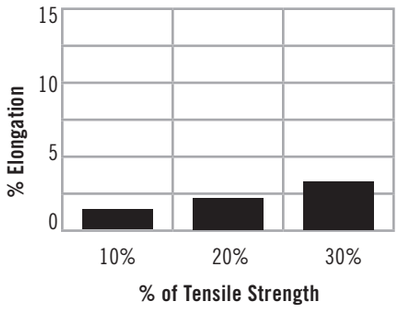
YY = Diameter in 1/32 of an Inch (e.g., "-16-" = 1/2")

ZZZZZ = Length in Feet (e.g., "-00600" = 600')

STRENGTH/WEIGHT

Diameter (inch)	Diameter (mm)	Weight (lbs./100 ft.)	Tensile (lbs.)
1/2"	12	6.0	7,000
9/16"	14	7.2	9,000
5/8"	16	10.5	10,000

WORKING ELONGATION



Compliance to the above specifications is based upon testing according to the *Cordage Institute Standard Testing Methods for Fiber Rope* and/or *ASTM D-4268 Standard Methods of Testing Fiber Ropes*. Weights are approximate and may vary +/- 5%. Tensile strengths reported are approximate averages for new, unused ropes. To estimate the minimum tensile strength of a new rope, reduce the approximate average by 10%. (The Cordage Institute defines minimum tensile strength as two standard deviations below the average tensile strength of the rope.) Stretch data tested to CI 1500-02.

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