



Anchoring and Docking

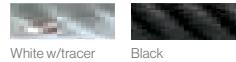
When it's time to anchor or tie up your vessel, place your trust in New England Ropes. Whether you choose our Premium 3-Strand Nylon, Double Braid Nylon, Mega Braid, or Mega Plait, you can be sure that every line will be easy to handle, flexible, extremely strong and long lasting.



Premium 3-Strand Nylon



3-Strand high grade marine Nylon



White w/tracer Black

Premium 3-Strand Nylon is a long-wearing, flexible and easy-to-handle rope that has greater strength and better abrasion resistance than all other 3-strand nylon lines. The highest tenacity nylon treated with our proprietary Marine Tech coating increases its wet strength and improves its fiber-to-fiber abrasion.

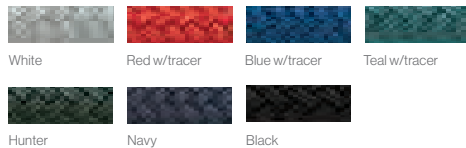
Applications: dock lines, anchor lines, and mooring lines.

| Ø | 6mm | 8mm | 10mm | 11mm | 12mm | 14mm | 16mm | 18mm | 22mm | 25mm | 28mm |
|----------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| Diameter | ¼" | 5/16" | 3/8" | 7/16" | ½" | 9/16" | 5/8" | ¾" | 7/8" | 1" | 1 1/8" |
| Tensile | 2,100 | 3,000 | 4,250 | 6,000 | 7,500 | 8,800 | 11,650 | 17,150 | 22,300 | 27,700 | 35,800 |
| Weight | 1.60 | 2.40 | 3.50 | 4.60 | 6.30 | 8.00 | 9.60 | 13.70 | 18.70 | 24.30 | 31.10 |

Double Braid Nylon



Double Braid: high-grade marine nylon

White Red w/tracer Blue w/tracer Teal w/tracer
Hunter Navy Black

The perfect combination of high-grade marine nylon, special torque balanced construction, and a unique stabilization process produces this long wearing line that resists kinking. Double Braid Nylon has superb handling and the largest assortment of colors on the market. Available by the spool or in packaged, factory-spliced dock and anchor lines.

Applications: Dock lines, anchor lines (available in white/gold only) and mooring lines.

| Ø | 5mm | 6mm | 8mm | 10mm | 11mm | 12mm | 14mm | 16mm | 18mm | 22mm | 24mm | 28mm | 30mm |
|----------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| Diameter | 3/16" | ¼" | 5/16" | 3/8" | 7/16" | ½" | 9/16" | 5/8" | ¾" | 7/8" | 1" | 1 1/8" | 1 ¼" |
| Tensile | 1,200 | 2,100 | 2,900 | 4,800 | 6,700 | 8,000 | 12,300 | 13,100 | 20,500 | 24,750 | 32,750 | 43,700 | 60,250 |
| Weight | 0.90 | 1.60 | 2.60 | 4.20 | 5.20 | 7.00 | 9.20 | 10.00 | 15.00 | 19.30 | 24.70 | 34.50 | 41.00 |

* Larger Sizes Available. Please contact us for specifications.

Dinghy Tow Rope



Double Braid: high-grade marine nylon



Yellow w/red fleck

Dinghy Tow Rope is a durable, brightly colored, spliceable tow line that floats on the surface of the water for improved visibility. This double braided rope of nylon over polypropylene is torque free and non hockling. It's braided design is easily spliced and easy to handle. Dinghy Tow Rope retains its strength when wet or dry.

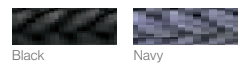
Applications: Dinghy tow rope or dinghy painter.

| Ø | 10mm | 11mm |
|----------|-------|-------|
| Diameter | 3/8" | 7/16" |
| Tensile | 2,900 | 5,050 |
| Weight | 3.60 | 5.30 |

Mega Braid



12-Strand Nylon



Mega Braid's unique 12-strand, single braid construction offers a combination of good looks, superb handling, excellent strength and controlled elongation. It's flexible and is easy to coil or flake. Comes in 600' spools or custom spliced.

Applications: Anchor and dock lines for boats over 40'.

| Ø | 16mm | 18mm | 22mm | 25mm | 28mm | 30mm | 36mm |
|----------|--------|--------|--------|--------|--------|--------|--------|
| Diameter | 5/8" | 3/4" | 7/8" | 1" | 1 1/8" | 1 1/4" | 1 1/2" |
| Tensile | 10,300 | 13,400 | 21,100 | 24,900 | 34,900 | 41,000 | 48,000 |
| Weight | 9.90 | 14.00 | 17.20 | 25.80 | 34.00 | 36.00 | 55.50 |

Plait



Tandem Braid High-Grade Marine Nylon

An anchor line specially designed for use in popular mechanical windlasses, Plait strikes a balance between a supple, firm, easy handling line that can be used in mechanical windlasses without abraiding or fraying. Engineered to work in most major windlass models and uniquely designed to be spliced to chain.

Applications: anchor lines (particularly for motorized windlasses).

| Ø | 12mm | 14mm | 16mm |
|----------|-------|-------|--------|
| Diameter | 1/2" | 9/16" | 5/8" |
| Tensile | 8,000 | 9,200 | 10,400 |
| Weight | 6.10 | 7.40 | 9.20 |

Mega Plait



Tandem Braid High-Grade Marine Nylon

Mega Plait strikes a balance between a supple, firm, easy handling line that can be used in mechanical windlasses without abrading or fraying. Its unique tandem braid design results in a cube-shaped rope that functions well in mechanical windlasses. It will not abraid or become frayed as a result of its unique shape and is heat-set to increase its performance and durability when put into service.

Applications: anchor lines (particularly for motorized windlasses).

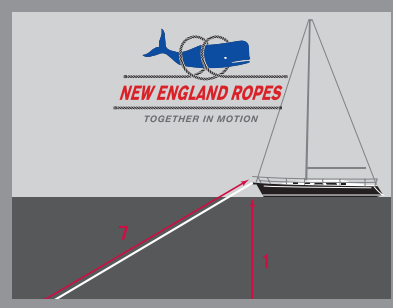
| Ø | 12mm | 14mm | 16mm | 18mm |
|----------|-------|-------|--------|--------|
| Diameter | 1/2" | 9/16" | 5/8" | 3/4" |
| Tensile | 8,000 | 9,500 | 11,000 | 15,000 |
| Weight | 6.20 | 8.00 | 9.30 | 14.00 |

WHAT SIZE AND HOW MUCH LINE?

The size, length and type of line will depend on a number of factors including the length, weight and type of boat. The following information is intended as a guide only. Docking in exposed waters, strong winds or tides may require larger or additional lines.

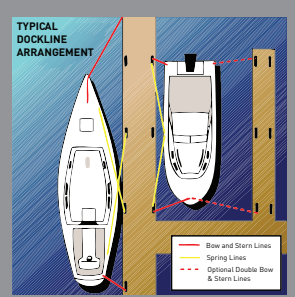
SIZE SELECTION TABLE

| Boat Length | Dock Line | Anchor Line | Mooring Pendant |
|-------------|-----------|-------------|-----------------|
| up to 20' | 3/8" | 3/8" | 1/2" |
| 20'-30' | 1/2" | 1/2" | 5/8" |
| 30'-35' | 1/2" | 1/2" | 3/4" |
| 35'-40' | 1/2" | 5/8" | 7/8" |
| 40'-45' | 5/8" | 3/4" | 1" |
| 45'-55' | 5/8" | 7/8" | 1" |
| 55'-65' | 3/4" | 1" | 1 1/4" |



HOW MUCH SCOPE?

Scope is the ratio of water depth to anchor line paid out. A scope of 7:1 will usually achieve appropriate holding power. In crowded anchorages a shorter scope may be required, and in stronger winds a longer scope is recommended.



TYPICAL DOCKLINE ARRANGEMENT

Fore & Aft Lines are usually 2/3 of the length of the boat. SPRING LINES are usually equal to the length of the boat. The position of the cleats on your boat and dock may affect the length of the dock line.