



Anchor Line Scope

The holding power of any anchor is dramatically increased with the proper scope of anchor line. Lengths of anchor line should be available to provide a scope of 7:1 (seven times the waters depth at the anchor) in all anticipated anchorages. This will provide enough security for even heavy seas. Holding power can be further enhanced with a section of chain (6 to 8 feet or more) between the anchor and rode. The combination lowers the angle of pull, causing most modern anchor designs to bury-in, rather than drag.

Dock & Anchor Line Selection Guide

Strengths are approximate averages of new rope.

| Boat Size | Gold-N-Braid | 2-in-1 Solid Color | 2-in-1 Super Strong | Pro-Set Nylon |
|-------------|---------------------|---------------------|---------------------|---------------------|
| 15 to 25' | 3/8" 4,500 lbs. | 3/8" 4,500 lbs. | 3/8" 4,900 lbs. | 3/8" 4,000 lbs. |
| 26 to 30' | 3/8" 4,500 lbs. | 3/8" 4,500 lbs. | 3/8" 4,900 lbs. | 1/2" 7,000 lbs. |
| 31 to 35' | 3/8" 4,500 lbs. | 3/8" 4,500 lbs. | 3/8" 4,900 lbs. | 1/2" 7,000 lbs. |
| 36 to 40' | 1/2" 7,900 lbs. | 1/2" 7,900 lbs. | 1/2" 8,600 lbs.. | 5/8" 11,100 lbs |
| 41 to 50' | 1/2" 7,900 lbs. | 1/2" 7,900 lbs. | 1/2" 8,600 lbs. | 5/8" 11,100 lbs. |
| 51 to 60' | 5/8" 14,000 lbs. | 5/8" 14,000 lbs. | 5/8" 15,200 lbs. | 3/4" 15,000 lbs. |
| 61 to 75' | 3/4" 19,400 lbs. | 3/4" 18,500 lbs. | 3/4" 18,800 lbs. | 7/8" 21,100 lbs. |
| 76 to 90' | 3/4" 19,400 lbs. | 7/8" 27,000 lbs. | 7/8" 29,000 lbs. | 1" 27,800 lbs. |
| 91 to 100' | | 1" 33,900 lbs. | 1" 36,000 lbs. | |
| 101 to 120' | | 1" 33,900 lbs. | 1" 36,000 lbs. | |

**Supplied By;
American Rigging Supply, Inc.**



Samson Dock and Anchor lines provide strength and security whether you're anchored for the night or docked securely in your berth.

There are two different constructions used in Samson dock and anchor lines. 2-in-1[®] Super Strong, 2-in-1[®] Solid Color and Gold-N-Braid are double braids composed of a braided nylon core with a braided nylon cover and Pro-Set Nylon, a 3-strand, all nylon construction.

Samson dock lines are available in a selection of lengths and sizes, and all are pre-spliced with an eye splice on one end. Custom lengths and eye sizes to suit specific mooring requirements are available. Contact your local dealer, and allow 2-3 weeks for shipment.

All Samson dock and anchor lines are treated with Samson's Pro-Gard 1000 marine finish to further enhance wet strength and abrasion resistance.



Samson anchor lines are shipped with a pre-spliced, high strength, reinforced black synthetic captive thimble. Smaller diameters are shipped in convenient, reusable plastic tote boxes. Longer lengths or spool put-ups are available; contact your local dealer for more information.

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