

### **Dock & Anchor Lines**

# Whether power or sail, the most frequently used lines aboard are the dock and anchor lines

It's a fact of boating life that, for most of us, our boats spend more time moored than underway. Protect your investment and give yourself a little peace of mind by ensuring that you've got the best dock and anchor lines available.

#### Is there really a difference?

Yes. All Samson lines are built with 100% premium nylon that provides excellent stretch and flexibility. Nylon's elastic elongation properties help smooth out the surge effects of wakes, waves, wind, or heavy seas, making nylon the perfect fiber for dock and anchor lines. All of Samson's colored dock lines are produced with solution-dyed nylon to prevent bleed or fade.

#### Consistent quality from the company that moors more vessels than any other

Our recreational marine products are subjected to the same rigorous testing and quality control under which we produce mooring lines and hawsers for some of the world's largest vessels. They are also professionally prespliced, with thimbles included on all anchor lines.

### » DOCK LINES

### Choices—because not all boats are the same

Samson manufactures a complete line of double-braided dock lines to suit your vessel, no matter how large or small. All Samson *HarborMaster*<sup>™</sup> dock lines are constructed of 100% nylon. Nylon's elastic elongation helps smooth out the surge effects of wakes, waves, wind or heavy seas. *HarborMaster* dock lines are prespliced with a secure eye in one end and available in a wide range of diameters and lengths.







#### CHECK YOUR LOCAL DEALER FOR COLOR AND SIZE AVAILABILITY.

#### DOCK LINE SELECTION GUIDE Strengths are approximate averages of new rope.

| Boat<br>Size    | DOCK<br>Line<br>Length<br>Feet | <b>3/8"</b><br>(9 mm)<br><b>4,900 lb</b> | 1/2"<br>(12 mm)<br>8,200 lb | <b>5/8"</b><br>(16 mm)<br><b>13,500 lb</b> | <b>3/4"**</b><br>(18 mm)<br><b>22,200 lb</b> |
|-----------------|--------------------------------|--|-----------------------------|--|--|
| 15–25 ft        | 10'                            | ~  | ~                           |  |  |
| <b>26-30</b> ft | 15'                            | ~  | ~                           |  |  |
| 31–35 ft        | 20'                            | ~  | ~                           | ~  |  |
| <b>36–40</b> ft | 25'                            | ~  | ~                           | ~  |  |
| 41–50 ft        | 30'                            |  | ~                           | ~  |  |
| 51-60 ft        | 35'                            |  | ~                           | ~  | ~  |
| 61–75 ft        | 40' & 50'                      |  |                             | ~  | ~  |

\*For storm conditions upgrade one size and double chafe protection. \*\*3/4" dock lines are available in black and navy blue only.

#### CUSTOM DOCK LINES Formulas for calculating custom dock lines:



### Bow Lines = 1-1/2 × Beam Spring Lines = 3/4 × Length Over All

Stern Lines = 1-1/2 to 2 × Beam

## » ANCHOR LINES

# Choices—because not all boats are the same

Available in double braid (HarborMaster, Super Strong), or 3-strand twisted constructions (Pro-Set-3), Samson anchor lines provide excellent strength, energy absorption, and long service life.

3-STRAND

**DOUBLE BRAIDS** 

HarborMaster™

Super Strong

Pro-Set-3



Samson anchor lines are shipped with a prespliced high-strength, reinforced captive thimble. Smaller diameters are shipped in convenient, reusable plastic tote boxes. Longer lengths on spools are available. Contact your local Samson dealer for more information.

#### **ANCHOR LINE SELECTION GUIDE** Strengths are approximate averages of new rope.

| -          |                |                             |                             |
|------------|----------------|-----------------------------|-----------------------------|
| Boat Size  | HarborMaster™  | Super Strong <sup>™</sup>   | Pro-Set <sup>™</sup>        |
| 15–25 ft   | <b>3/8</b> in. | <b>3/8</b> in.              | <b>3/8</b> in.              |
|            | 4,900 lb       | 4,900 lb                    | 3,600 lb                    |
| 26-30 ft   | <b>3/8</b> in. | <b>3/8</b> in.              | <b>1/2</b> in.              |
|            | 4,900 lb       | 4,900 lb                    | 6,300 lb                    |
| 31-35 ft   | <b>3/8</b> in. | <b>3/8</b> in.              | <b>1/2</b> in.              |
|            | 4,900 lb       | 4,900 lb                    | 6,300 lb                    |
| 36-40 ft   | <b>1/2</b> in. | <b>1/2</b> in.              | <b>5/8</b> in.              |
|            | 8,200 lb       | 8,600 lb                    | 10,000 lb                   |
| 41–50 ft   | <b>1/2</b> in. | <b>1/2</b> in.              | <b>5/8</b> in.              |
|            | 8,200 lb       | 8,600 lb                    | 10,000 lb                   |
| 51–60 ft   | <b>5/8</b> in. | <b>5/8</b> in.              | <b>3/4</b> in.              |
|            | 13,500 lb      | 15,200 lb                   | 13,500 lb                   |
| 61–75 ft   | · · ·          | <b>3/4</b> in.<br>18,800 lb | <b>7/8</b> in.<br>19,000 lb |
| 76–90 ft   |                | <b>7/8</b> in.<br>29,000 lb | <b>1</b> in.<br>25,000 lb   |
| 91–100 ft  |                | <b>1</b> in.<br>36,000 lb   |                             |
| 101–120 ft |                | <b>1</b> in.<br>36,000 lb   |                             |

#### ANCHOR LINE LENGTHS HarborMaster™ Super Strong" Pro-Set<sup>™</sup> Diameter INCHES FFFT FFFT FFFT 3/8 in. 100', 150', 200' 100', 150' 100', 150', 200' 1/2 in. 100', 150', 200' 100', 150', 200', 250', 300' 100', 150', 200', 300' 200'. 250' 5/8 in. 150', 200', 250', 300' 150'. 200'. 250'