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> BTG GEAR Marine Anchor Line with Depth Markers (200 ft x 0.375 in) Instruction Manual

BTG GEAR 200 feet by 0.375 inches

BTG GEAR Marine Anchor Line with Depth Markers (200 ft x 0.375 in) Instruction Manual

Model: 200 feet by 0.375 inches | Brand: BTG GEAR

1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your BTG GEAR Heavy Duty Marine Anchor Line. Designed for boats 27 ft up to 36 ft, this 200-foot anchor line features integrated depth markers and a stainless steel thimble for reliable anchoring. Please read these instructions carefully before use to ensure safe and effective operation.

2. PRODUCT OVERVIEW

The BTG GEAR Marine Anchor Line is constructed from durable double-braided nylon, offering both strength and flexibility. It includes blue depth markers every 25 feet for precise anchoring and a heavy-duty 316 stainless steel thimble for secure attachment to your anchor chain or shackle.



Figure 2.1: The BTG GEAR Marine Anchor Line, coiled and ready for use, shown with its packaging.

2.1 Key Features

- **Material:** Super soft double-braided nylon for easy handling and retrieval.
- **Length & Diameter:** 200 feet long with a 0.375 inch (3/8") diameter.
- **Depth Markers:** Blue markers integrated every 25 feet for accurate depth measurement.
- **Thimble:** Heavy-duty 316 stainless steel thimble for secure and durable anchor attachment.
- **Breaking Strength:** 3700 pounds tensile strength.
- **Application:** Suitable for boats ranging from 27 ft up to 36 ft.

SUPERIOR QUALITY

FOR LONG-TERM DURABILITY



**HEAVY-DUTY 316
STAINLESS STEEL THIMBLE**

**BLUE DEPTH MARKER
*EVERY 25 FEET**

**SUPER SOFT DOUBLE
BRAIDED NYLON**

Figure 2.2: Detail of the anchor line, highlighting the robust stainless steel thimble and a blue depth marker.



OPTIMAL STRUCTURE



SUPER SOFT NYLON

Easy handling and retrieval.



INCREDIBLE STRENGTH

5700 lbs breaking strength.



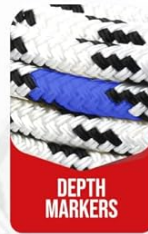
EASY ATTACHMENT

Heavy-duty 316 stainless steel thimble.



GUARANTEED PROTECTION

Incredible versatility and great protection.



DEPTH MARKERS



STAINLESS STEEL THIMBLE

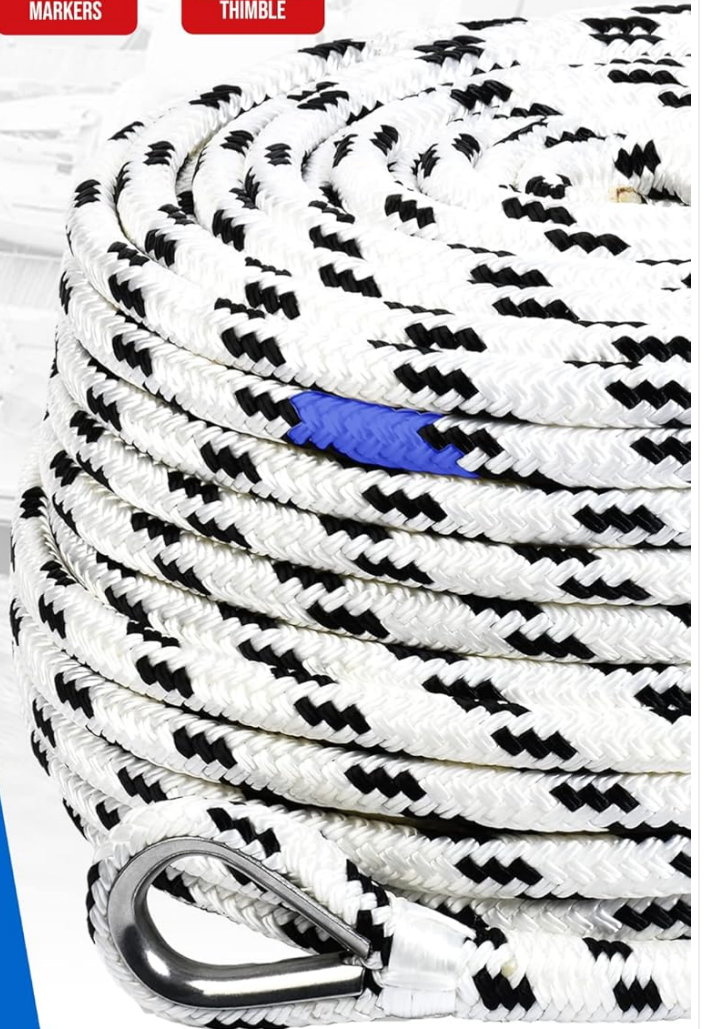


Figure 2.3: Visual representation of the anchor line's optimal structure, emphasizing soft nylon, strength, easy attachment, and protection.

3. ANCHOR LINE SIZE CHART

Refer to the following chart to ensure the correct line diameter for your boat's length. This manual specifically covers the 3/8" diameter line.



LINE DIAMETER

BOAT LENGTH

3/8"

UP TO 27'

1/2"

UP TO 36'

5/8"

UP TO 45'

ANCHOR ROPE SIZE CHART



Figure 3.1: Anchor Line Size Chart. This product is 3/8" diameter, suitable for boats up to 27 feet, though the product title states 27-36ft. User should verify based on their specific boat and conditions.

Table 3.1: Recommended Line Diameter by Boat Length

Line Diameter	Boat Length
3/8"	Up to 27 ft
1/2"	Up to 36 ft
5/8"	Up to 45 ft

Note: While the product title suggests suitability for boats up to 36 ft, the manufacturer's size chart recommends 1/2" for boats up to 36 ft. Please consider your specific boat size and anchoring conditions when selecting anchor line diameter.

4. SETUP AND INSTALLATION

Proper setup of your anchor line is crucial for safe and effective anchoring.

1. **Inspect the Line:** Before each use, visually inspect the entire length of the anchor line for any signs of wear, fraying, cuts, or damage. Ensure the stainless steel thimble is securely spliced and free from deformation.
2. **Attach to Anchor Chain:** Connect the stainless steel thimble end of the anchor line to your anchor chain using a suitable shackle. Ensure the shackle pin is securely tightened and seized to prevent accidental loosening.
3. **Secure to Boat:** The other end of the anchor line should be securely fastened to a strong point on your boat, such as a cleat or bollard, using an appropriate knot (e.g., cleat hitch, anchor bend). Ensure the knot is tight and will not slip under load.
4. **Stowage:** When not in use, coil the anchor line neatly and store it in a dry, well-ventilated area, away from direct sunlight and harsh chemicals, to prolong its lifespan.

5. OPERATING INSTRUCTIONS

Follow these steps for deploying and retrieving your anchor line effectively.

5.1 Deploying the Anchor

1. **Choose Location:** Select a suitable anchoring spot, considering depth, bottom type, and potential swing room.
2. **Determine Scope:** The "scope" is the ratio of the length of anchor line deployed to the depth of the water (plus the height of your bow above the water). A common recommendation is a 5:1 to 7:1 scope for good holding power in calm conditions. For example, in 10 feet of water with a 2-foot bow height, you would need 12 feet of vertical distance. A 5:1 scope would require 60 feet of line (5 x 12 ft).
3. **Use Depth Markers:** Utilize the blue depth markers, located every 25 feet, to accurately measure the amount of line being deployed. This helps ensure you achieve the correct scope.
4. **Lower Anchor:** Gently lower the anchor until it reaches the bottom. Do not throw the anchor, as this can cause the line to tangle or foul.
5. **Set Anchor:** Once the anchor is on the bottom, slowly move your boat backward while paying out the appropriate amount of anchor line. This allows the anchor to dig into the seabed.
6. **Verify Set:** Confirm the anchor is set by observing landmarks or using a GPS. The boat should stop drifting.



Figure 5.1: The blue depth markers are clearly visible on the anchor line, assisting in accurate deployment.



Figure 5.2: A boat safely anchored, demonstrating the line in use.

5.2 Retrieving the Anchor

1. **Motor Towards Anchor:** Slowly motor your boat towards the anchor while simultaneously retrieving the anchor line. This reduces the strain on the line and makes retrieval easier.
2. **Vertical Pull:** Once directly over the anchor, pull the line vertically to break the anchor free from the seabed.
3. **Clean and Stow:** Once the anchor is retrieved, clean off any mud or debris. Coil the anchor line neatly to prevent tangles and store it properly.



Figure 5.3: The anchor line is designed for easy handling, as shown by a person retrieving it, and provides maximum protection for a wide range of boats.

6. MAINTENANCE

Regular maintenance will extend the life of your anchor line and ensure its reliability.

- **Rinse After Use:** Always rinse the anchor line with fresh water after use, especially after use in saltwater, to remove salt, sand, and other debris.
- **Dry Thoroughly:** Allow the line to dry completely in a shaded, well-ventilated area before coiling and storing. Storing a wet line can lead to mildew and degradation.
- **Inspect Regularly:** Periodically inspect the entire length of the line for signs of wear, cuts, abrasions, or UV damage. Pay close attention to areas that experience high friction, such as where it passes through chocks or around cleats.
- **Check Thimble:** Ensure the stainless steel thimble is free from corrosion, bends, or cracks. The splice holding the thimble should be tight and intact.
- **Avoid Chemicals:** Keep the anchor line away from petroleum products, solvents, and strong cleaning agents, as these can weaken nylon fibers.
- **Rotate Ends:** To distribute wear evenly, consider occasionally reversing the ends of the anchor line (i.e., the end attached to the

anchor becomes the boat end, and vice-versa).

7. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

- **Anchor Not Holding:**
 - **Insufficient Scope:** Increase the length of line deployed relative to the water depth.
 - **Incorrect Bottom Type:** The anchor may not be suitable for the seabed (e.g., sand anchor in rocky bottom).
 - **Fouled Anchor:** The anchor may be tangled with debris or another anchor line.
- **Line Fraying/Wear:**
 - **Chafe Protection:** Use chafe guards where the line rubs against the boat or other surfaces.
 - **Inspect Regularly:** Replace the line if significant wear or damage is observed.
- **Line Tangling:**
 - **Improper Coiling:** Ensure the line is coiled neatly and consistently when stowing.
 - **Rapid Deployment:** Avoid throwing the anchor or deploying the line too quickly.

8. SPECIFICATIONS

Table 8.1: Product Specifications

Attribute	Detail
Brand	BTG GEAR
Model	200 feet by 0.375 inches
Material	Nylon
Color	Black, White
Length	200 feet
Diameter	0.375 inches (3/8")
Tensile Strength	3700 Pounds
Fastener Material	Stainless Steel (316)
Vehicle Service Type	Watercraft
UPC	628504868195
ASIN	B08846SQLG

9. VIDEO DEMONSTRATION

Watch this official product video for a visual overview of the BTG GEAR Marine Anchor Line and its features.

Your browser does not support the video tag.

Video 9.1: Official product video showcasing the BTG Gear Nylon Boat Anchor Line with Stainless Steel Thimble and Depth Markers. This video highlights the key features and benefits of the anchor line, including its construction, depth markers, and thimble design.

10. WARRANTY AND SUPPORT

For warranty information or product support, please refer to the contact details provided with your purchase or visit the official BTG GEAR website. Ensure you retain your proof of purchase for any warranty claims.

You can find more products and information at the [BTG GEAR Store on Amazon](#).

