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VIABRICO 2.4mm

VIABRICO String Trimmer Line User Manual - 0.095 inch Square Nylon

Model: 2.4mm

Introduction

This manual provides instructions for the proper use, installation, and maintenance of your VIABRICO 0.095 inch Square Nylon String Trimmer Line. Adhering to these guidelines will ensure optimal performance and longevity of the product.

Product Features

- **Diameter and Length:** This trimmer line features a 0.095 inch (2.4mm) diameter and comes in a 330-foot length, suitable for various trimming tasks. The bright orange color enhances visibility during use.
- **High-Strength Nylon Material:** Constructed from durable, heavy-duty copolymer nylon, this line offers superior strength and resistance to breakage compared to standard round nylon lines. This material also contributes to reduced vibration and noise.
- **Square Cut Profile:** The square shape provides a sharper cutting edge, allowing for more efficient and quicker cutting of heavier weeds and thicker grass. This design helps reduce overall trimming time.
- **Universal Compatibility:** Designed to be a replacement line for most gas and electric string trimmers. Always verify that your specific trimmer head is compatible with a 0.095 inch diameter line before installation.
- **Versatile Application:** Effective for trimming grass in yards, clearing weeds in fields, and maintaining neat lawn edges.



Image: A spool of bright orange, square-profile VIABRICO nylon string trimmer line. The label on the spool indicates various specifications and compatibility information.

Setup and Installation

Proper installation of the trimmer line is essential for safe and effective operation. Refer to your string trimmer's specific manual for detailed instructions on how to open and load its trimmer head.

1. **Verify Compatibility:** Before beginning, ensure your trimmer head is designed to accept a 0.095 inch (2.4mm) diameter trimmer line.
2. **Prepare the Line:** Unwind the required length of VIABRICO trimmer line from the spool. The exact length needed will depend on your trimmer head's capacity. It is often recommended to soak nylon trimmer line in water for 24 hours prior to use to increase flexibility and reduce breakage.
3. **Access Trimmer Head:** Turn off your string trimmer and disconnect it from its power source (unplug electric trimmers, remove battery from cordless trimmers, or turn off engine for gas trimmers). Follow your trimmer's instructions to open or disassemble the trimmer head.
4. **Load the Line:**

- For single-line heads: Thread one end of the line through the designated hole and wind it onto the spool in the direction indicated by arrows on the trimmer head.
- For dual-line heads: Fold the line in half, insert the loop into the center slot of the spool, and wind both ends evenly onto the spool. Alternatively, some heads allow you to feed the line directly through the head without opening it.

5. **Secure the Line:** Once wound, secure the ends of the line in the notches or slots provided on the spool or trimmer head to prevent unwinding during reassembly.
6. **Reassemble Trimmer Head:** Carefully reassemble the trimmer head, ensuring all parts are securely fastened. Trim any excess line extending beyond the cutting guard to the appropriate length.



Image: A close-up view of the VIABRICO trimmer line spool, highlighting a dedicated slot designed to secure the end of the line, preventing it from unwinding when not in use or during storage.

Operating Instructions

Always prioritize safety when operating a string trimmer. Wear appropriate personal protective equipment (PPE) including eye protection, long pants, sturdy footwear, and hearing protection.

1. **Pre-Operation Check:** Inspect the trimmer line for any damage or excessive wear. Ensure the trimmer head is securely attached and the cutting guard is in place. Clear the work area of any debris, rocks, or objects that could be thrown by the trimmer.
2. **Starting the Trimmer:** Follow your trimmer's manufacturer instructions for starting the engine or activating the motor.
3. **Trimming Technique:**
    - Hold the trimmer firmly with both hands.
    - Maintain a comfortable distance from the cutting head.
    - Use a sweeping motion, moving the trimmer from side to side.
    - For grass and light weeds, use the tip of the line.
    - For thicker vegetation, the square profile of this VIABRICO line allows for more aggressive cutting; approach at a slight angle to utilize the sharper edges.
    - Avoid hitting hard surfaces like concrete, fences, or trees, as this can cause rapid line wear or breakage.
4. **Advancing the Line:** Most trimmers have an automatic or bump-feed mechanism to advance the line. Refer to your trimmer's manual for specific instructions on how to advance the line when it becomes too short.
5. **Edging:** For clean lawn edges, tilt the trimmer head to a vertical position and carefully guide it along the edge of sidewalks or driveways.



Image: A person wearing appropriate safety gear, operating a string trimmer in a sunny, grassy area, demonstrating typical use of the product.



Image: A close-up shot of a string trimmer head in motion, with the orange trimmer line visibly cutting through green grass, illustrating the product in action.

Maintenance

- **Storage:** Store the VIABRICO trimmer line spool in a cool, dry place away from direct sunlight and extreme temperatures. Prolonged exposure to heat can cause the nylon to become brittle.
- **Line Hydration:** To maintain flexibility and reduce breakage, it is recommended to store unused trimmer line in a sealed plastic bag with a small amount of water, or to soak the line in water for 24 hours before loading it onto the trimmer head.
- **Inspection:** Regularly inspect the trimmer line for signs of wear, fraying, or damage. Replace the line if it appears compromised to ensure efficient cutting and prevent potential issues.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Line breaks frequently	Hitting hard objects (rocks, concrete, fences) Line is dry or brittle Incorrect line diameter for trimmer Line improperly wound on spool	Avoid contact with hard surfaces. Soak line in water before use; store properly. Ensure 0.095 inch line is compatible with your trimmer. Rewind line carefully, ensuring it's not tangled.
Line does not feed	Line is tangled or stuck Spool is empty Trimmer head mechanism issue	Turn off trimmer, inspect and untangle line. Replace with new line. Consult your trimmer's manual for head maintenance.
Poor cutting performance	Line is too short or worn Line is not advancing Trimmer speed is too low	Advance or replace the line. Refer to "Line does not feed" solutions. Operate trimmer at recommended speed.

Specifications

- **Brand:** VIABRICO
- **Model Number:** 2.4mm
- **Line Diameter:** 0.095 inches (2.4mm)
- **Line Profile:** Square
- **Material:** High-Strength Copolymer Nylon
- **Color:** Orange
- **Weight:** Approximately 1.7 LB (for the 330-foot variant)
- **Length:** 330 feet
- **Product Dimensions (Spool):** Approximately 5 x 3 x 6 inches
- **Item Weight (Spool):** 1.61 pounds

Warranty and Support

For any questions, concerns, or support regarding your VIABRICO String Trimmer Line, please contact the manufacturer directly through their official website or the retailer where the product was purchased. Please retain your proof of purchase for any warranty claims, if applicable.
For more information about VIABRICO products, you may visit theVIABRICO Store on Amazon.

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