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## Eheim 8581

# Eheim 394 Aquarium Water Pump Tubing (Model 8581) User Manual

## 1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your Eheim 394 Aquarium Water Pump Tubing. Please read these instructions carefully before installation and operation to ensure optimal performance and longevity of the product.

## 2. PRODUCT OVERVIEW

The Eheim 394 Tubing is designed as an accessory for aquarium water pumps, facilitating water circulation within your aquatic system. It is made from durable plastic and supplied in a continuous length, typically 10 feet (117.6 inches), to accommodate various aquarium setups. The tubing features a 3/8-inch inner diameter (ID), making it compatible with a range of Eheim and other standard aquarium pump connections.



*Image: A coiled length of Eheim 394 aquarium tubing, appearing green in color, secured with a white zip tie. The tubing is designed for use with aquarium water pumps and is approximately 10 feet long.*

### 3. SETUP

- Compatibility Check:** Verify that the 3/8-inch inner diameter of this tubing is compatible with the inlet and outlet connections of your aquarium water pump and other filtration components.
- Measure and Cut:** Determine the required length of tubing for your setup. Use a sharp utility knife or specialized tubing cutter to make clean, straight cuts. Avoid jagged edges, which can impede flow or cause leaks.
- Connect to Pump:** Carefully push the tubing onto the appropriate pump nozzles or connectors. Ensure a snug fit to prevent leaks. If the tubing is stiff, briefly warm the end in warm water to make it more pliable.
- Route Tubing:** Position the tubing to avoid kinks, sharp bends, or obstructions that could restrict water flow. Secure the tubing with appropriate clamps or ties if necessary, ensuring they do not compress the tubing.
- Leak Test:** Before fully operating your aquarium system, perform a leak test by running water through the connected components. Check all connections for drips or leaks and adjust as needed.

### 4. OPERATING INSTRUCTIONS

Once installed, the Eheim 394 Tubing operates passively as a conduit for water flow. Ensure that your water pump is functioning correctly and that water is circulating freely through the tubing without any blockages or air pockets. Regularly observe the tubing for any signs of kinking or collapse, which can reduce pump efficiency and water flow.

## 5. MAINTENANCE

- **Regular Inspection:** Periodically inspect the tubing for signs of wear, hardening, discoloration, or algae buildup.
- **Cleaning:** If algae or debris accumulates inside the tubing, disconnect it from the system. Use a flexible brush designed for aquarium tubing or flush with warm water to remove buildup. Avoid harsh chemicals or abrasive cleaners.
- **Replacement:** Over time, tubing can become brittle or develop micro-cracks. Replace the tubing if it shows significant signs of degradation to prevent leaks and maintain optimal system performance.

## 6. TROUBLESHOOTING

- **Reduced Water Flow:** Check for kinks in the tubing, blockages from debris or algae, or improper connections. Ensure the pump is operating correctly.
- **Leaks at Connections:** Verify that the tubing is securely seated on the pump nozzles or connectors. If necessary, use hose clamps for a tighter seal. Ensure the tubing ends are cut cleanly.
- **Tubing Too Stiff:** If the tubing is difficult to connect, briefly immerse the ends in warm water to increase flexibility.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Eheim
Model Number	8581
Model Name	Airline Tubing
Material	Plastic
Color	Clear ( <i>Note: Product image may show green variant</i> )
Inner Diameter (ID)	3/8 inches (approx. 9.5 mm)
Outside Diameter (OD)	12 Millimeters
Nominal Wall Thickness	9 millimeters ( <i>Note: This value appears unusually thick for tubing wall given the ID and OD. Please verify with product packaging if critical.</i> )
Item Length	117.6 Inches (approx. 10 feet)
Item Weight	6.4 ounces (0.400 pounds)
UPC	720686401273
Country of Origin	Georgia (USA)

## 8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Eheim 394 Tubing, please refer to the official Eheim website or contact Eheim customer service directly. Keep your purchase receipt as proof of purchase.

**Eheim Official Website:** [www.eheim.com](http://www.eheim.com)