

FZONE TBL

FZONE Aquarium Tubing Instruction Manual

Model: TBL (16/21mm)

1. INTRODUCTION

The FZONE Aquarium Tubing is designed for use with aquatic filter systems, providing a reliable and efficient connection for water circulation. Crafted from high-quality polyurethane (PU), this tubing is engineered for durability and optimal performance in various aquarium setups. This manual provides essential information for the proper installation, operation, and maintenance of your FZONE Aquarium Tubing.

Key features include:

- **BPA-Free and Non-Toxic:** Ensures a safe environment for aquatic life.
- **Durable and Kink-Proof:** Resistant to kinking and designed for long-term use.
- **Versatile and Easy to Use:** Flexible and can be cut to custom lengths.
- **Chemical Resistance:** Withstands most alkali, alcohol, and mild acids.

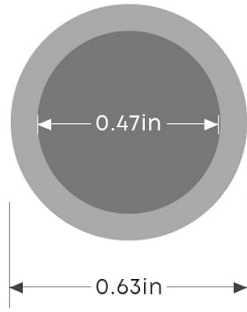
2. SETUP

Follow these steps for proper installation of your FZONE Aquarium Tubing:

1. **Unpack the Tubing:** Carefully remove the tubing from its packaging.
2. **Measure and Cut:** Determine the required length for your filter system's connections. Use a sharp, appropriate cutting tool to make clean, straight cuts. Ensure the cut ends are smooth to facilitate secure connections.
3. **Pre-Rinse (Recommended):** Before connecting to your aquarium system, it is recommended to thoroughly rinse the tubing with clean, lukewarm water. This helps remove any manufacturing residues.
4. **Connect to Filter System:** Securely attach the tubing to the inlet and outlet ports of your aquarium filter and other components (e.g., lily pipes, diffusers). Ensure all connections are tight to prevent leaks.

DIAMETER SIZE

Length: 3m(9.8ft)



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Inner Diameter (ID): 12mm (0.47in)
Outer Diameter (OD): 16mm (0.63 in)



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Inner Diameter (ID): 16mm (0.63 in)
Outer Diameter (OD): 21mm (0.83 in)

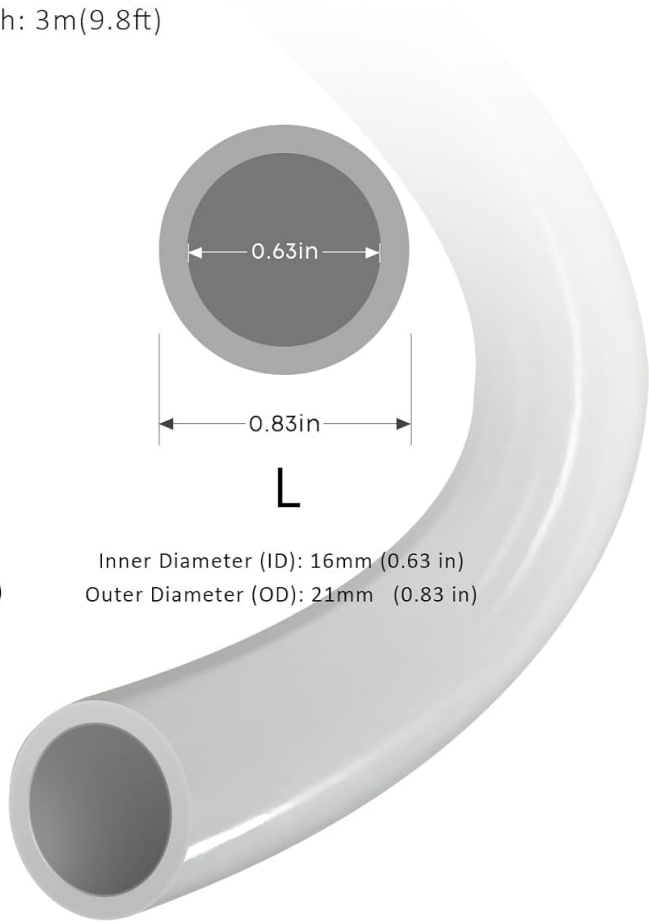


Image: FZONE Aquarium Tubing in its coiled state with product label.



Image: Various perspectives of the FZONE Aquarium Tubing, highlighting its flexibility and smooth surfaces.

3. OPERATING INSTRUCTIONS

Once the FZONE Aquarium Tubing is installed, operate your filter system as follows:

1. **Verify Connections:** Before powering on your filter, double-check all tubing connections to ensure they are secure and free from leaks.
2. **Initiate Water Flow:** Start your aquarium filter system according to its manufacturer's instructions.
3. **Monitor for Leaks and Kinks:** Observe the tubing and connections for any signs of leaks or kinks that could restrict water flow. Adjust as necessary.
4. **Ensure Proper Circulation:** Confirm that water is circulating effectively through your aquarium, indicating proper filter operation and tubing integrity.

4. MAINTENANCE

Regular maintenance of your FZONE Aquarium Tubing ensures optimal performance and longevity:

- **Routine Inspection:** Periodically inspect the entire length of the tubing for any signs of wear, damage, discoloration, or hardening.

- **Cleaning:** Over time, sediment and algae can build up inside the tubing, reducing flow. Disconnect the tubing from your filter system and clean the interior using a flexible brush or by flushing with water. The smooth interior and exterior of the FZONE tubing are designed to minimize buildup and facilitate cleaning.
- **Kink Prevention:** While the tubing is kink-resistant, avoid sharp bends or excessive pressure that could lead to kinking, which can restrict water flow and potentially damage the tubing.
- **Replacement:** If the tubing shows signs of significant wear, cracking, brittleness, or persistent kinking that cannot be resolved, replace it to maintain the efficiency and safety of your aquarium filter system.

5. TROUBLESHOOTING

If you encounter issues with your FZONE Aquarium Tubing, consider the following:

Problem	Possible Cause	Solution
Reduced Water Flow	Kinks in tubing, sediment buildup, improper connection.	Straighten kinks, clean tubing interior, ensure secure connections.
Leaks at Connections	Loose connections, damaged O-rings/gaskets (on filter components), tubing not cut squarely.	Tighten connections, inspect and replace O-rings/gaskets if necessary, re-cut tubing ends for a flush fit.
Water Quality Concerns After New Installation	Residual manufacturing substances.	Ensure thorough pre-rinsing of tubing. Consider running the filter with activated carbon for a short period to absorb potential impurities. Monitor aquatic life closely.

6. SPECIFICATIONS

Detailed specifications for the FZONE Aquarium Tubing (Model TBL, 16/21mm):



Image: Diameter size comparison for FZONE Aquarium Tubing, illustrating inner and outer dimensions.

Feature	Detail
Model Number	TBL

Feature	Detail
Length	3 meters (9.8 feet)
Inner Diameter (ID)	16 mm (0.63 inches)
Outer Diameter (OD)	21 mm (0.83 inches)
Nominal Wall Thickness	2.5 mm
Material	Polyurethane (PU)
Color	Grey
Item Weight	1.23 pounds
Part Number	FZ-TUBE

7. WARRANTY AND SUPPORT

Specific warranty information for the FZONE Aquarium Tubing is not provided in the product details. For any product support, warranty inquiries, or technical assistance, please contact FZONE directly through their official channels or the retailer from whom the product was purchased.