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› CYCLAMI TPU Inner Tube User Manual

## CYCLAMI TPU Inner Tubes

# CYCLAMI TPU Inner Tube User Manual

Brand: CYCLAMI

## INTRODUCTION

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Thank you for choosing CYCLAMI TPU Inner Tubes. These high-performance inner tubes are designed for cyclists seeking a lightweight, durable, and puncture-resistant solution for their bicycles. This manual provides essential information for proper installation, maintenance, and safe use of your new inner tubes.

## IMPORTANT SAFETY INFORMATION

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### **WARNING:**

Do not inflate the inner tube more than 6 PSI (0.4 BAR) before installation into the outer tire. Over-inflation of an uninstalled inner tube can cause irreversible deformation or rupture, rendering the tube unusable. Always ensure the inner tube is properly seated within the outer tire and on the wheel rim before inflating to riding pressure.

# MTB TUBE

1.9~2.5 **MTB 24"** 48~60 540

1.9~2.5 **MTB 26"** 48~60 559

1.9~2.5 **MTB 27.5"** 48~60 584

1.9~2.5 **MTB 29"** 48~60 622

## ⚠ Caution:

This inner tube cannot be inflated a lot when it is not installed in the outer tire, otherwise it will cause irreversible damage!

Vacancy pumping more than 5PSI will result in unreparable swelling!



Image: Caution against over-inflating the inner tube before it is installed in the outer tire. The image displays a deformed inner tube and a warning that vacancy pumping more than 5 PSI will result in unreparable swelling.

## PRODUCT FEATURES

CYCLAMI TPU Inner Tubes offer several advantages for an enhanced cycling experience:

- **Lightweight Design:** Weighing only 65 grams, these TPU tubes are significantly lighter than traditional butyl rubber tubes, contributing to more sensitive acceleration and a lighter ride.
- **Puncture Resistance:** Made from high-quality TPU material, the inner tubes are abrasion-resistant and offer superior puncture protection, ensuring durability for long-term use.
- **Temperature Stability:** Resistant to both high and low temperatures, these tubes maintain stable tire pressure, enhancing safety and performance in various conditions.
- **Compact and Portable:** The small and lightweight design allows for easy storage and convenient carrying, making them ideal for spare tubes on rides.
- **Reduced Rolling Resistance:** The lighter and more delicate construction compared to standard rubber inner tubes minimizes friction, optimizing speed and performance.

## **TOUGH AND PUNCTURE RESISTANT**

TPU materials have good puncture resistance. Abrasion resistant, durable and ageing resistant.



Image: Tough and Puncture Resistant. TPU materials offer good puncture resistance, abrasion resistance, durability, and aging resistance.

## **RESISTANT TO HIGH AND LOW TEMPERATURES**

Stable performance tire pressure, to ensure your safety when traveling.



Image: Resistant to High and Low Temperatures. Stable performance tire pressure ensures safety when traveling.

## **YEAH! NOW I CAN PUT IT IN MY BAG**



Image: Small and Lightweight. The compact size of the inner tube allows for easy storage and portability.

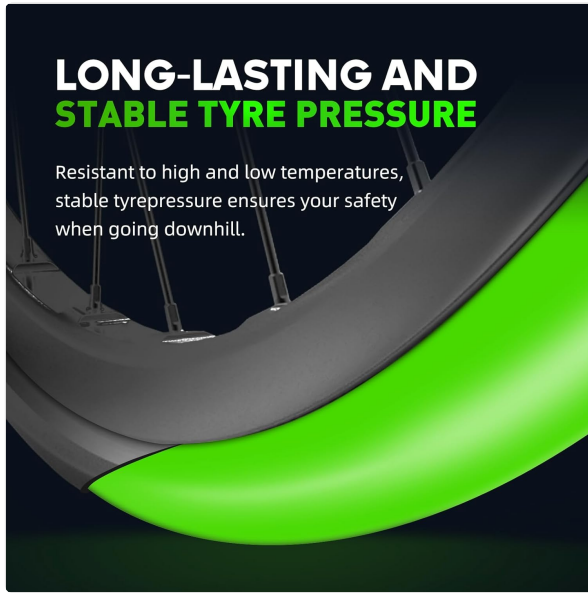


Image: Long-lasting and Stable Tire Pressure. Resistant to high and low temperatures, stable tire pressure ensures safety.

## SPECIFICATIONS

Attribute	Detail
Brand	CYCLAMI
Material	TPU (Thermoplastic Polyurethane)
Valve Type	Presta Valve
Valve Length Options	45mm, 65mm
Compatible Tire Sizes (700C)	32-47C (ALLRoad & Gravel)
Compatible Tire Sizes (MTB)	27.5 inch x 1.9-2.5, 29 inch x 1.9-2.5
Weight	Approximately 65 grams per tube

# MTB INNER TUBE METAL VALVES



Image: MTB Inner Tube with Metal Valves. Shows a 45mm Presta valve on the inner tube.

## INSTALLATION GUIDE

Follow these steps for proper installation of your CYCLAMI TPU inner tube. For a visual guide, please refer to the installation video below.

### Pre-Installation Checks

1. **Inspect the Inner Tube:** Before installation, slightly inflate the inner tube (less than 6 PSI) and immerse it in water to check for any air leaks. If bubbles appear, do not proceed with installation and contact customer support.
2. **Check Tire and Rim:** Carefully inspect the outer tire and the wheel rim for any sharp objects, debris, or damage that could puncture the new inner tube. Remove any foreign objects carefully.
3. **Verify Compatibility:** Ensure the inner tube's size matches your outer tire and wheel specifications. Refer to the size markings on your outer tire (e.g., 700x25C, 27.5x1.9-2.5).

### Step-by-Step Installation

1. **Remove Old Inner Tube:** If replacing an old tube, use tire levers to carefully dislodge one bead of the outer tire from the rim. Remove the old inner tube.

2. **Insert New Inner Tube:** Locate the air valve hole on the wheel rim. Insert the Presta valve of the new TPU inner tube through this hole.
3. **Partially Inflate:** Inject a very small amount of air into the inner tube (less than 3 PSI) to give it some shape. This prevents pinching during installation.
4. **Seat the Inner Tube:** Carefully place the partially inflated inner tube inside the outer tire, ensuring it is evenly distributed around the rim.
5. **Re-seat Outer Tire:** Begin to re-seat the outer tire bead onto the rim. Start opposite the valve and work your way around. For the final section, you may need tire levers, but exercise extreme caution to avoid pinching the inner tube.
6. **Final Inflation:** Once both beads of the outer tire are fully seated on the rim, inflate the inner tube to the recommended pressure specified on your outer tire (e.g., 120 PSI / 8.3 BAR MAX). Do not exceed the maximum pressure.
7. **Secure Valve Cap:** Replace the valve cap to protect the valve from dirt and damage.

## Installation Video

Your browser does not support the video tag.

Video: Step-by-step guide on how to install a CYCLAMI TPU inner tube on a bicycle wheel, including pre-checks, insertion, and inflation.

## MAINTENANCE

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- **Regular Pressure Checks:** Check your tire pressure regularly before each ride. Proper inflation is crucial for performance and to prevent pinch flats.
- **Inspect Tires:** Periodically inspect your outer tires for embedded glass, thorns, or other sharp objects that could eventually cause a puncture. Remove any foreign objects carefully.
- **Storage:** When not in use, store your bicycle in a cool, dry place away from direct sunlight and extreme temperatures to prolong the life of your inner tubes and tires.
- **Cleaning:** Clean your tires and rims regularly to prevent accumulation of dirt and debris that could lead to punctures.

## TROUBLESHOOTING

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### Frequent Flats/Punctures

- **Check Outer Tire:** Thoroughly inspect the inside of the outer tire for any sharp objects (glass, thorns, wire) that may still be embedded.
- **Rim Strip:** Ensure your rim strip is intact and covers all spoke holes completely. A damaged or misaligned rim strip can cause punctures.
- **Pinch Flats:** If you experience two small holes in the inner tube, it's likely a pinch flat caused by under-inflation or hitting an obstacle. Ensure proper tire pressure for your weight and riding conditions.
- **Valve Issues:** Check if the valve core is tight. If air leaks from the valve, the core might be loose or damaged.

### Difficulty Seating Tire

- **Lubrication:** Apply a small amount of soapy water to the tire beads and rim edges. This can help the tire slide into place more easily.
- **Even Distribution:** Ensure the inner tube is not twisted or bunched up inside the tire.
- **Tire Levers:** Use tire levers carefully. Avoid excessive force to prevent damaging the tire or inner tube.

## WARRANTY AND SUPPORT

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CYCLAMI products are manufactured to high standards. If you encounter any issues or have questions regarding your TPU inner tubes, please refer to the seller's return policy or contact CYCLAMI customer support through the retailer where the product was purchased. Please retain your proof of purchase for warranty claims.