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› YunSCM 27.5" Mountain Bike Tires User Manual

## YunSCM 27.5X2.25



# YunSCM 27.5" Mountain Bike Tires User Manual

Model: 27.5X2.25 (Compatible with 27.5x2.20, 27.5x2.30)

## 1. PRODUCT OVERVIEW

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The YunSCM 2-PCS 27.5" Mountain Bike Tires are designed for mountain cross-country and outdoor riding, offering a balance of stability, grip, and durability. These tires feature a unique folding design for easy storage and transport, utilizing new soft wire technology.



*Image 1.1: A pair of YunSCM 27.5" mountain bike tires, showcasing their robust construction and tread design.*

## Key Features:

- **High Traction Tread:** Particle arrangement design provides a large ground contact surface, enhancing driving stability and grip. Ideal for dirt roads and trails.



# HIGH TRACTION TREAD

Extra grip for dirt  
roads and trails

Wear resistant formula design,  
more wear than most tires

*Image 1.2: Detailed view of the tire's high traction tread pattern, designed for increased friction and grip on various terrains.*

- **Ultra-Durable Material:** Constructed from high-quality rubber material and nylon cord technology, ensuring strong grip and wear resistance.



## ULTRA-DURABLE

Special Steel Bead  
Construction

Break the traditional steel  
ball structure, can be rolled  
up for storage



## FOLDABLE

Easy to Carry

Image 1.3: Illustration highlighting the ultra-durable construction and foldable nature of the tire.

- **New Soft Wire Technology (Foldable):** The tire can be folded for easy storage and transport, breaking from traditional steel bead structures. This feature makes it convenient for travel.

## 2. SPECIFICATIONS

Parameter	Value
Brand	YunSCM
Model Name	27.5X2.25
Tire Type	Clincher, Folding Replacement Bike Tire
Size	27.5x2.25 inches
Compatible Sizes	27.5x2.20, 27.5x2.25, 27.5x2.30

Parameter	Value
Material	High-quality Rubber, Nylon Cord
Maximum Load	90 KG (198 LBS)
Recommended Inflation Pressure	40 P.S.I. (280 KPA)
Bike Type	Mountain Bike
Color	Black
Included Components	2-pcs 27.5"x2.25" bike tires

### 3. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. These tires are designed to be foldable for convenience, but care must be taken during unfolding and installation.

#### 3.1 Unfolding the Tire:

Upon receiving, the tire will be in a folded state. It is normal for the tire to feel relatively soft after being opened from the folding mode. To restore its original shape for installation, gently fold or roll the tire according to the received state. **Do not overexert or forcefully unfold the tire, especially the steel wire part, as this can lead to uneven installation.**



Image 3.1: Visual guide for handling the foldable tire. The image illustrates the compact folded state, how it fits into a bag, and a warning against improper unfolding that can cause damage.

#### 3.2 Mounting the Tire:

1. Ensure the tire has regained a circular shape before attempting to mount it on the rim.
2. Carefully place one bead of the tire onto the rim.

3. Insert the inner tube (not included) into the tire, ensuring it is not twisted. Inflate the tube slightly to give it shape.
4. Work the second bead of the tire onto the rim, starting from one side and working your way around. Use tire levers if necessary, but be cautious not to pinch the inner tube.
5. Once both beads are seated, check that the tire is evenly seated around the rim.
6. Inflate the tire to the recommended pressure of 40 P.S.I. (280 KPA). Do not exceed the maximum inflation pressure.

## 4. OPERATING AND USAGE

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These YunSCM mountain bike tires are designed for versatile use, providing reliable performance in various conditions.

### 4.1 Intended Use:

The tires are suitable for mountain cross-country and general outdoor riding. Their tread pattern provides excellent grip on varied surfaces, including dirt roads and trails.



*Image 4.1: A cyclist demonstrating the intended use of the tires on a mountain bike during an outdoor ride.*

## 4.2 Tire Pressure:

Maintain the recommended tire pressure of 40 P.S.I. (280 KPA) for optimal performance, safety, and tire longevity. Regularly check tire pressure before each ride.

## 5. MAINTENANCE

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Regular maintenance will extend the life of your YunSCM tires and ensure a safe riding experience.

- **Pressure Checks:** Check tire pressure before every ride. Under-inflation can lead to pinch flats and poor handling, while over-inflation can reduce grip and comfort.
- **Tire Inspection:** Periodically inspect the tire tread and sidewalls for cuts, punctures, embedded debris, or excessive wear. Remove any sharp objects carefully.
- **Cleaning:** Clean tires with mild soap and water. Avoid harsh chemicals that can degrade the rubber.
- **Storage:** When not in use, store tires in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, ensure they are clean and slightly deflated.

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter with your YunSCM bike tires.

### 6.1 Uneven Installation:

If the tire appears unevenly seated on the rim after inflation, it is likely due to improper unfolding or mounting of the bead. The new soft wire technology allows the tire to be folded, but the steel wire part of the outer tire cannot be completely folded without potentially leading to uneven installation if not handled correctly.

- **Solution:** Deflate the tire completely. Gently manipulate the tire bead to ensure it is fully seated within the rim channel. Re-inflate slowly, checking for even seating as you go. If the issue persists, deflate again and try to gently fold or roll the tire to help it regain its original circular shape before re-mounting. Avoid forceful unfolding.

### 6.2 Loss of Air Pressure:

If your tire consistently loses air pressure, check for punctures in the inner tube or damage to the tire itself.

- **Solution:** Remove the wheel and tire. Inspect the inner tube for punctures and repair or replace as needed. Thoroughly inspect the inside and outside of the tire for any sharp objects embedded in the tread or sidewall that may have caused the puncture.

## 7. WARRANTY AND SUPPORT

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### 7.1 Warranty Information:

YunSCM provides a **1-year limited warranty** on these mountain bike tires. This warranty covers manufacturing defects under normal use. It does not cover damage resulting from improper installation, misuse, accidents, or normal wear and tear.

### 7.2 Customer Support:

For any questions, concerns, or warranty claims, please contact YunSCM customer support through the retailer where the product was purchased or visit the official YunSCM store page on Amazon: [YunSCM Store](#).

