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### Felixstory 8.5x2.0 scooter tire

# Felixstory 8.5x2.0 Inch Solid Scooter Tire User Manual

Model: 8.5x2.0 scooter tire

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, use, and maintenance of your Felixstory 8.5x2.0 inch solid scooter tire. Designed for durability and performance, this tire offers a puncture-proof solution for various electric scooters. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1: Felixstory 8.5x2.0 Inch Solid Scooter Tire. This image displays the red solid tire with its distinctive honeycomb structure and tread pattern.

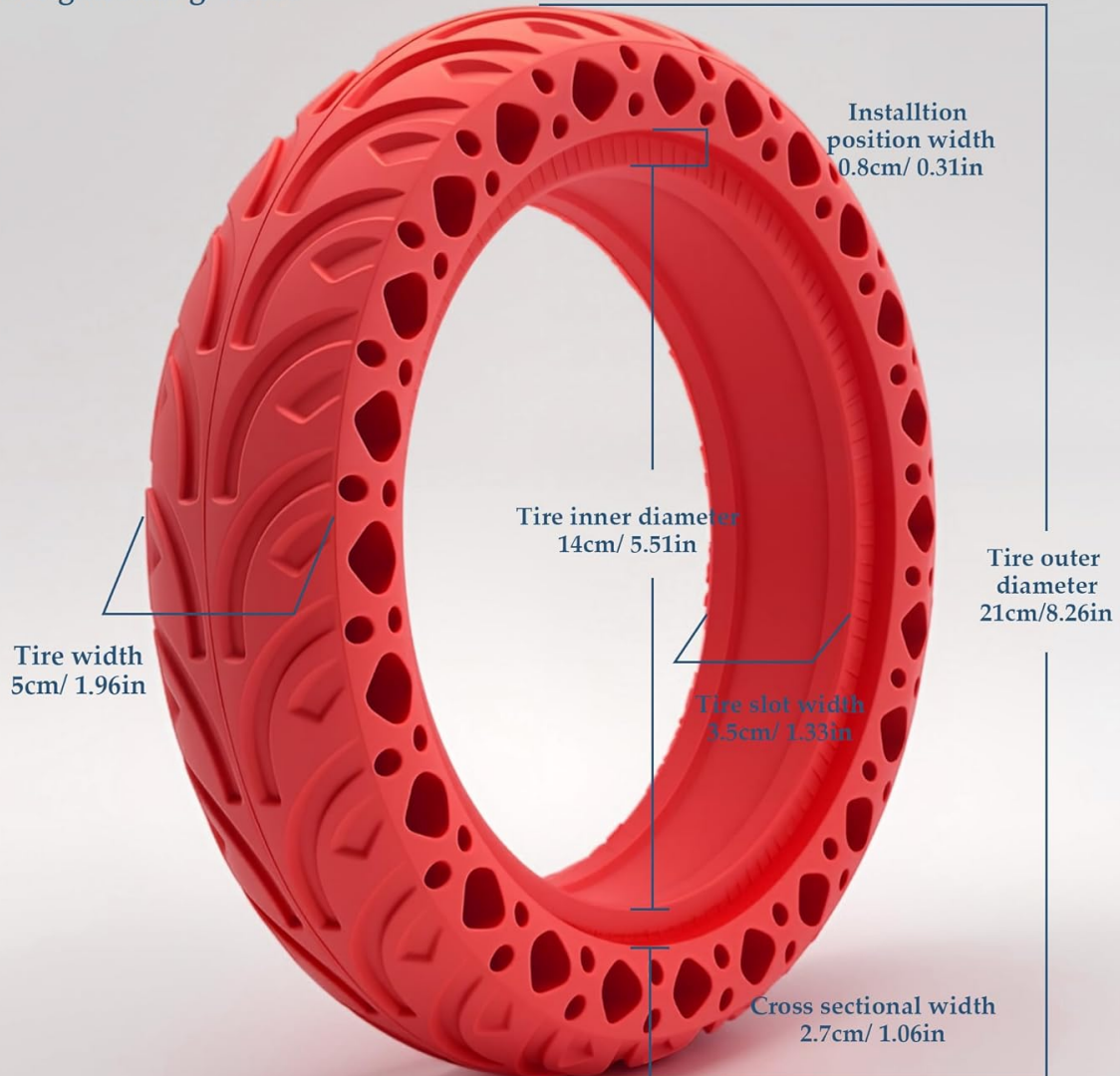
## 2. PRODUCT OVERVIEW

The Felixstory 8.5x2.0 inch solid scooter tire is engineered to provide a reliable and maintenance-free riding experience. Unlike pneumatic tires, its solid design eliminates the risk of punctures, while the integrated honeycomb structure maintains shock absorption capabilities for a comfortable ride.

### Key Features:

- **Puncture-Proof Design:** Solid construction prevents flats from sharp objects.
- **Shock Absorption:** Honeycomb structure provides cushioning similar to pneumatic tires.
- **Premium Rubber Material:** Manufactured from high-quality rubber for durability, low rolling noise, and strong traction.
- **Compatibility:** Designed to replace original tires sized 8.5x2.0, 8.5x2.125, 50/75-6.1, or 8 1/2x2.

Net weight: 0.63kg/ 1.4lbs



The above data are measured manually, and there may be an error of 0-1cm.

Figure 2: Detailed dimensions of the Felixstory solid scooter tire. This image illustrates the tire's outer diameter, inner diameter, tire width, slot width, and cross-sectional height.

### 3. COMPATIBILITY

This Felixstory solid scooter tire is compatible with various electric scooter models. To ensure proper fitment, verify the size marked on the sidewall of your original tire. This replacement tire is suitable if your original tire is labeled **8.5x2.0**, **8.5x2.125**, **50/75-6.1**, or **8 1/2x2**.

#### Known Compatible Models:

- Gotrax GXL V2/ Xr/ XR Ultra/ XR Elite/ APEX MAX/ G3/ FUSION
- Hiboy S2/ S2R Plus
- Hover-1 Journey/ Journey 2.0/ Journey Max

- Swagtron SG-5
- isinwheel S9 Pro
- VOLPAM SP06/ SPT7/ SP03/ SP06 GS
- aovopro es80
- MOTORAUX Hurtle
- iScooter i9/ i8/ S9pro
- NAVIC T5/ T5 Pro
- Wheelspeed Primer
- Atomi E20
- MAXSHOT V1
- Greevego DY01
- Smart A6L
- SISIGAD B15/ B17
- TurboAnt M10 Lite
- Xiaomi m365/ pro
- Other scooters with 8.5x2.0, 8.5x2.125, 50/75-6.1, or 8 1/2x2 original tires.

If you are unsure about compatibility, please measure your wheel's diameter and groove width, or consult the manufacturer's specifications for your scooter model.

## 4. INSTALLATION GUIDE

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Installing solid tires can be more challenging than pneumatic tires due to their rigid nature. Careful adherence to these instructions will facilitate the process. An installation manual is typically included in the product package for additional guidance.

### Required Tools (Not Included):

- Tire levers (strong, preferably metal)
- Boiling water (or a heat source)
- Protective gloves
- Lubricant (e.g., soapy water, tire mounting paste)

### Installation Steps:

1. **Prepare the Tire:** Place the solid tire in boiling water for at least 15-20 minutes. This step is crucial as it softens the rubber, making it more pliable and easier to stretch onto the rim.
2. **Remove Old Tire (if applicable):** If replacing an existing tire, carefully remove it from the scooter wheel rim using tire levers.
3. **Lubricate the Rim and Tire:** Apply a generous amount of lubricant (soapy water works well) to the inner edge of the new solid tire and the rim of the wheel. This reduces friction during installation.
4. **Mount the First Side:** While the tire is still warm and pliable, begin to fit one side of the tire onto the wheel rim. You may need to use tire levers to carefully pry the tire over the rim edge.
5. **Mount the Second Side:** Once one side is fully seated, work your way around the second side of the tire, gradually prying it over the rim using tire levers. This step requires significant force and patience. Ensure the tire is evenly seated around the entire rim.
6. **Check Seating:** After installation, visually inspect the tire to ensure it is fully and evenly seated on the

rim. There should be no gaps or uneven sections.

**Important Note:** Installation of solid tires can be physically demanding. If you encounter significant difficulty, consider seeking assistance from a professional scooter repair service.



Figure 3: The Felixstory solid scooter tire installed on an electric scooter. This image demonstrates the tire's appearance when properly mounted on a scooter wheel.

## 5. OPERATING GUIDELINES

Once installed, your Felixstory solid scooter tire is ready for use. While solid tires eliminate punctures, it is still important to operate your scooter responsibly and perform regular checks.

- **Regular Inspection:** Periodically inspect the tire for any signs of wear, cracks, or damage. Although puncture-proof, extreme impacts can still affect the tire's integrity.
- **Riding Conditions:** Solid tires may offer a slightly firmer ride compared to pneumatic tires. Adjust your riding style accordingly, especially on uneven surfaces.
- **Cleaning:** Keep the tire clean from dirt and debris to maintain optimal traction.

## 6. MAINTENANCE

Solid tires require minimal maintenance compared to pneumatic tires, as there is no need for air pressure checks or puncture repairs. However, basic care can extend the tire's lifespan and ensure continued performance.

- **Cleaning:** Regularly clean the tire with water and a mild detergent to remove dirt, mud, and road grime. Avoid harsh chemicals that could degrade the rubber.
- **Storage:** If storing the scooter for an extended period, keep it in a cool, dry place away from direct sunlight and extreme temperatures, which can affect rubber elasticity.
- **Wear Monitoring:** Monitor the tread for excessive wear. While durable, all tires will eventually wear down with use. Replace the tire when the tread depth becomes significantly reduced.

## 7. TROUBLESHOOTING

### Issue: Difficulty during installation

**Solution:** Solid tires are inherently stiff. The most common reason for installation difficulty is insufficient softening of the tire. Ensure the tire is soaked in boiling water for the recommended 15-20 minutes (or longer if needed) to maximize its pliability. Using strong tire levers and a good lubricant is also essential. If you continue to struggle, consider seeking professional assistance.

### Issue: Uneven seating after installation

**Solution:** If the tire appears unevenly seated on the rim, it may not have been fully stretched into place. Re-lubricate the affected area and use tire levers to carefully work the tire into its correct position. Ensure the tire is still warm from the boiling water treatment, or re-heat it if necessary.

## 8. SPECIFICATIONS

Feature	Specification
Tire Size	8.5x2.0 inches
Equivalent Sizes	8.5x2.125, 50/75-6.1, 8 1/2x2
Tire Outer Diameter	210mm (8.26 inches)
Tire Inner Diameter	140mm (5.51 inches)
Tire Slot Width	35mm (1.33 inches)
Cross-section Height	34mm (1.33 inches)
Tire Tread Width	50mm (1.96 inches)
Tire Weight	0.636 kg (1.40 lbs)
Material	Premium Rubber
Rim Diameter (Compatible)	Approximately 165mm (6.1 inches)



Figure 4: Front view of the Felixstory solid scooter tire, highlighting its width and tread pattern.



Figure 5: Side view of the Felixstory solid scooter tire, showing the full profile and honeycomb structure.



Figure 6: Close-up detail of the Felixstory solid scooter tire's tread pattern and the internal honeycomb structure designed for shock absorption.

## 9. SUPPORT & WARRANTY

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For any questions regarding your Felixstory 8.5x2.0 inch solid scooter tire, including installation assistance or product inquiries, please contact Felixstory customer support. While specific warranty details are not provided in this manual, Felixstory is committed to customer satisfaction.

**Contact Information:** Please refer to the Felixstory official website or your purchase documentation for the most current customer support contact details.

**Online Resources:** Visit the [Felixstory Store on Amazon](#) for additional product information and support.

