

MICHELIN 76851

Michelin City Extra Front/Rear Scooter Tire (3.50-10) User Manual

Model: 76851 | Brand: MICHELIN

1. PRODUCT OVERVIEW

The Michelin City Extra Front/Rear Scooter Tire (3.50-10) is engineered for enhanced durability and reliability, providing peace-of-mind for daily commutes. It features advanced technologies designed for optimal grip in various conditions and a long-lasting tread pattern.



Figure 1: Full view of the Michelin City Extra Scooter Tire, showcasing its directional tread pattern and sidewall markings.



Figure 2: Close-up view of the tire's tread, highlighting the Water Sipe Technology for wet grip and the robust construction.

Key Features:

- **Puncture Resistant Construction:** Optimized for enhanced durability and peace-of-mind.
- **All-Season Riding:** Michelin Water Sipe Technology ensures optimum grip in wet conditions.
- **Adaptive Design:** Incorporates High Density Technology for improved performance.
- **Durable and Reliable:** Robust and resistant for a trouble-free ride.
- **Long Lasting:** Tread pattern designed for extended mileage.

2. INSTALLATION AND SETUP

Proper installation is crucial for tire performance and safety. It is highly recommended that tire installation be performed by a qualified professional using appropriate tools and safety procedures.

2.1 Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Ensure the scooter is stable and securely supported before beginning any work.
- Never exceed the maximum inflation pressure indicated on the tire sidewall.

- Do not attempt to mount a tire on a damaged or incompatible rim.

2.2 Installation Steps (General Guidelines)

1. **Remove Old Tire:** Deflate the old tire completely. Carefully remove the tire from the rim using proper tire changing tools to avoid damage to the rim or tire bead.
2. **Inspect Rim:** Thoroughly inspect the rim for any damage, corrosion, or deformities. Clean the rim thoroughly.
3. **Lubricate Beads:** Apply a suitable tire mounting lubricant to both beads of the new Michelin City Extra tire.
4. **Mount Tire:** Carefully position the tire onto the rim, ensuring the directional arrow on the tire sidewall (if present) matches the direction of rotation. Use tire mounting tools to gently work the tire onto the rim, taking care not to pinch the inner tube (if applicable) or damage the tire bead.
5. **Inflate Tire:** Slowly inflate the tire to the recommended pressure for your scooter model, as specified in your scooter's owner's manual. Listen for the beads to seat properly with an audible pop. Do not exceed the maximum pressure indicated on the tire sidewall.
6. **Check for Leaks:** After inflation, check for any air leaks around the bead area using soapy water.
7. **Balance Wheel (Recommended):** For optimal performance and longevity, it is recommended to balance the wheel assembly after tire installation.

Note: Specific installation procedures may vary depending on your scooter model and rim type. Always refer to your scooter's service manual for detailed instructions.

3. OPERATING AND USAGE GUIDELINES

To ensure the best performance and safety from your Michelin City Extra tires, adhere to the following guidelines:

3.1 Tire Pressure

- Maintain correct tire pressure as specified by your scooter manufacturer. Check pressure regularly (at least once a week) when tires are cold.
- Incorrect tire pressure can lead to premature wear, reduced handling, and increased risk of tire failure.

3.2 Break-in Period

- New tires require a break-in period of approximately 100-200 miles (160-320 km). During this period, avoid sudden acceleration, hard braking, and aggressive cornering.
- This allows the tire's surface to scuff in and for the rider to become accustomed to the new tire's characteristics.

3.3 Load Capacity

- Do not exceed the maximum load capacity indicated on the tire sidewall. Overloading can lead to tire damage and unsafe riding conditions.

4. MAINTENANCE

Regular maintenance extends the life of your tires and ensures safe operation.

4.1 Regular Inspection

- **Tread Depth:** Regularly check tread depth. Replace tires when the tread wears down to the minimum legal limit (typically 1/32 inch or 0.8 mm for scooters in many regions) or when wear indicators are visible.
- **Damage:** Inspect tires for cuts, cracks, bulges, punctures, or any signs of damage. Any significant damage warrants immediate professional inspection and potential replacement.

- **Uneven Wear:** Look for signs of uneven wear, which could indicate issues with tire pressure, wheel alignment, or suspension.

4.2 Cleaning

- Clean tires with mild soap and water. Avoid using harsh chemicals or petroleum-based cleaners, which can degrade rubber compounds.

4.3 Storage

- If storing your scooter for an extended period, ensure tires are properly inflated and ideally lift the scooter to keep the tires off the ground to prevent flat spots. Store in a cool, dry place away from direct sunlight and ozone-producing equipment.

5. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Rapid or Uneven Tread Wear	Incorrect tire pressure, improper wheel alignment, worn suspension components, aggressive riding style.	Check and adjust tire pressure regularly. Have wheel alignment and suspension inspected by a professional. Adjust riding habits.
Frequent Punctures	Riding over sharp objects, underinflation, damaged rim.	Inspect riding routes. Maintain correct tire pressure. Inspect rim for damage. Consider professional repair or replacement for significant punctures.
Vibration or Wobble	Unbalanced wheel, damaged tire, bent rim, loose wheel bearings.	Have wheels balanced. Inspect tire and rim for damage. Check wheel bearings. Seek professional assistance.
Loss of Grip (especially in wet conditions)	Worn tread, incorrect tire pressure, oil/debris on road surface.	Check tread depth and replace if worn. Verify tire pressure. Exercise caution on slippery surfaces.

If you encounter issues not listed here or if solutions do not resolve the problem, consult a certified scooter mechanic or contact Michelin customer support.

6. SPECIFICATIONS

Attribute	Detail
Brand	MICHELIN
Model	76851
Size	3.50-10
Seasons	Year Round
Tread Type	Directional

Attribute	Detail
Tire Diameter	3.5 Inches
Item Diameter	10 Inches
Item Weight	6.4 Pounds
UPC	086699768513
Vehicle Tire ISO Metric Size Description	431.8/58.8B3.5
Construction Type	Robust Puncture-Resistant Construction

7. WARRANTY AND SUPPORT

For detailed warranty information regarding your Michelin City Extra tire, please refer to the official Michelin website or contact Michelin customer service directly. Warranty terms and conditions may vary by region and product.

Customer Support:

For technical assistance, product inquiries, or warranty claims, please visit the official MICHELIN website or contact their customer support channels. You can often find contact information, FAQs, and dealer locators on their brand website.

MICHELIN Official Website: www.michelinman.com

