MICHELIN® X® TWEEL®
AIRLESS RADIAL TIRE FAMILY

TWEEL®
Airless Radial Tire

MICHELIN®
What is a Michelin® X® Tweel® Airless Radial Tire?

No Maintenance
The MICHELIN® X® Tweel® airless radial tire is one single unit, replacing the current tire and wheel assembly. There is no need for complex mounting equipment and once they are bolted on, there is no air pressure to maintain.

No Compromise
The unique energy transfer within the poly-resin spokes helps reduce the “bounce” associated with pneumatic tires, while providing outstanding handling characteristics.

No Downtime (No Flats!)
The Tweel® airless radial tire is designed to perform like a pneumatic tire, but without the inconvenience and downtime associated with flat tires.

New! Michelin® X® Tweel® SSL 2 Airless Radial Tire

MICHELIN® X® Tweel® SSL 2 airless radial tires are available in two tread patterns: All Terrain and Hard Surface Traction. This second generation MICHELIN X Tweel SSL offers significant new benefits, including:

• Improved shear beam construction engineered to maximize core life.¹
• New spoke material helps provide up to 10 times greater spoke life compared to the previous models.²
• New interlocked hub designed to increase durability in demanding conditions.

Key Features

1. Deep open tread (AT) designed for excellent cleaning and traction. A deep layer of undertread means the core can be retreaded again and again.

2. Zero degree belts (under the tread) and proprietary design provide great lateral stiffness, while resisting damage and absorbing impacts.

3. Michelin’s proprietary Comp10 Cable™ forms a semi-rigid “shear beam”, and allows the load to hang from the top.

4. Universal, 8 hole, interlocking heavy gauge steel hub for robust attachment to the machine.

5. High strength, poly-resin spokes carry the load and absorb impacts, help dampen the ride, and provide a unique energy transfer that reduces pneumatic bounce.

¹ On an internal drum endurance test, the MICHELIN X Tweel SSL 2 with a new shear beam construction lasted over twice as long as the original design.
² Under testing measuring crack growth under fully relaxed conditions, the new spoke material had a crack growth rate that was nearly 10 times slower than the original material.

WARNING
Use of incorrect mounting hardware can lead to separation of the Tweel from the vehicle, loss of control, and serious injury or death.
Includes improved shear beam and new spoke material introduced with SSL 2, but does not include the SSL 2 interlocking hub.

Product measurements are subject to change and are listed here for your convenience. Please see your MICHELIN representative for up-to-date data.

<table>
<thead>
<tr>
<th>MSPN</th>
<th>CAI</th>
<th>Description</th>
<th>Size</th>
<th>Max Load @ ~9 mph</th>
<th>Tread Depth</th>
<th>Undertread</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>07013</td>
<td>357108</td>
<td>X TWEEL SSL 2 All Terrain</td>
<td>12N16.5</td>
<td>4,400 lbs.</td>
<td>31/32nds</td>
<td>12/32nds</td>
<td>211 lbs</td>
</tr>
<tr>
<td>45604</td>
<td>976836</td>
<td>X TWEEL SSL 2 Hard Surface Traction</td>
<td>12N16.5</td>
<td>4,400 lbs.</td>
<td>31/32nds</td>
<td>10/32nds</td>
<td>240 lbs</td>
</tr>
<tr>
<td>93405</td>
<td>817393</td>
<td>X TWEEL SSL 2 All Terrain</td>
<td>10N16.5</td>
<td>3,700 lbs.</td>
<td>31/32nds</td>
<td>10/32nds</td>
<td>160 lbs</td>
</tr>
<tr>
<td>69607</td>
<td>883466</td>
<td>X TWEEL SSL 2 Hard Surface Traction</td>
<td>10N16.5</td>
<td>3,700 lbs.</td>
<td>31/32nds</td>
<td>10/32nds</td>
<td>190 lbs</td>
</tr>
<tr>
<td>76642</td>
<td>709241</td>
<td>X TWEEL SSL All Terrain / 2-Piece Hub*</td>
<td>12N16.5</td>
<td>4,400 lbs.</td>
<td>31/32nds</td>
<td>12/32nds</td>
<td>226 lbs</td>
</tr>
<tr>
<td>56289</td>
<td>170674</td>
<td>X TWEEL SSL Hard Surface Traction / 2-Piece Hub*</td>
<td>12N16.5</td>
<td>4,400 lbs.</td>
<td>31/32nds</td>
<td>8/32nds</td>
<td>255 lbs</td>
</tr>
</tbody>
</table>

* Includes improved shear beam and new spoke material introduced with SSL 2, but does not include the SSL 2 interlocking hub.

Product measurements are subject to change and are listed here for your convenience. Please see your MICHELIN representative for up-to-date data.
MICHELIN® X® TWEEL® TURF
AIRLESS RADIAL TIRE
FOR ZERO-TURN RADIUS MOWERS

REASONS TO BUY

✔ Consistent hub height helps ensure the mower deck produces an even cut.
✔ Excellent lateral stability on hillsides and sloped surfaces, and outstanding operator comfort, even when navigating over curbs and other bumps.
✔ High performance compounds and an efficient contact patch designed to provide a long wear life that is 2-3 times that of a pneumatic tire at equal tread depth.
**Hub Diameter / Spacers**

The TWEEL® caster is available for 5/8” and 3/4” diameter axle bolt diameters. Depending on axle diameter and fork width, spacers may be required for proper installation. Refer to the chart on the right for part numbers and dimensions. Additional fitment information is available at michelintweel.com.

### Hub Diameter / Spacers

<table>
<thead>
<tr>
<th>MSPN</th>
<th>CAI</th>
<th>Description</th>
<th>Size</th>
<th>Tread</th>
<th>Max Load (lbs.)</th>
<th>Axle Bolt Diameter</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>73818</td>
<td>529089</td>
<td>X-Tweel Turf Caster</td>
<td>13x6.5N6</td>
<td>Grooved</td>
<td>290</td>
<td>5/8”</td>
<td>12.5</td>
</tr>
<tr>
<td>52441</td>
<td>786694</td>
<td>X-Tweel Turf Caster</td>
<td>13x6.5N6</td>
<td>Grooved</td>
<td>290</td>
<td>3/4”</td>
<td>12.3</td>
</tr>
<tr>
<td>41011</td>
<td>462981</td>
<td>X-Tweel Turf Caster</td>
<td>13x6.5N6</td>
<td>Smooth</td>
<td>290</td>
<td>5/8”</td>
<td>12.6</td>
</tr>
<tr>
<td>05768</td>
<td>969970</td>
<td>X-Tweel Turf Caster</td>
<td>13x6.5N6</td>
<td>Smooth</td>
<td>290</td>
<td>3/4”</td>
<td>12.4</td>
</tr>
<tr>
<td>49136</td>
<td>198082</td>
<td>X-Tweel Turf Caster</td>
<td>15x6.0N6</td>
<td>Smooth</td>
<td>370</td>
<td>5/8”</td>
<td>15.4</td>
</tr>
<tr>
<td>31716</td>
<td>788796</td>
<td>X-Tweel Turf Caster</td>
<td>15x6.0N6</td>
<td>Smooth</td>
<td>370</td>
<td>3/4”</td>
<td>15.2</td>
</tr>
</tbody>
</table>

**Front Casters Fit Most Mowers**

Durable, poly-resin (13”) or rubber (15”) tread helps provide a long wear life.

Integrated metal center hub with OEM quality sealed bearings, available for 5/8” and 3/4” diameter axle bolts. Spacers are available to adapt fit for a variety of popular mowers.

Unique circular outer beam functions like a spring, creating suspension like characteristics for the front of the mower.
MICHELIN® X® TWEEL® UTV AIRLESS RADIAL TIRE
FOR ALL-TERRAIN AND UTILITY-TERRAIN VEHICLES

REASONS TO BUY
✔ Designed specifically for difficult environments and conditions where vehicles are exposed to rugged roads, jagged terrain and other elements hostile to ordinary tires.
✔ Full width poly-resin spokes help dampen the ride for enhanced operator comfort, while providing outstanding lateral stiffness, excellent cornering and side-hill stability.
✔ Low pressure contact patch helps provide outstanding off-road traction.

Note: All UTV/ATVs use 60º / Conical / Tapered Lug Nuts.
Product measurements are subject to change and are listed here for your convenience. Please see your MICHELIN representative for up-to-date data.

WARNING
Use of incorrect mounting hardware can lead to separation of the TWEEL from the vehicle, loss of control, and serious injury or death.

<table>
<thead>
<tr>
<th>MSPN</th>
<th>CAI</th>
<th>Description</th>
<th>Common Fitments</th>
<th>Size</th>
<th>Max Load</th>
<th>Max Speed</th>
<th>Bolt Pattern</th>
<th>True Offset</th>
<th>Industry Offset/Backspace</th>
<th>Center Hole Dia.</th>
<th>Stud Bolt Dia.</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>68495</td>
<td>316179</td>
<td>X® TWEEL® ATV</td>
<td>Honda ATV</td>
<td>26x9N14</td>
<td>506 lbs</td>
<td>50 mph</td>
<td>4x110 mm</td>
<td>+45 mm</td>
<td>5+2</td>
<td>2.7 in</td>
<td>13 mm</td>
<td>50 lbs</td>
</tr>
<tr>
<td>65631</td>
<td>615832</td>
<td>X® TWEEL® UTV</td>
<td>Honda, Kubota, Yamaha</td>
<td>26x9N14</td>
<td>715 lbs</td>
<td>50 mph</td>
<td>4x110 mm</td>
<td>+52 mm</td>
<td>6+1</td>
<td>2.7 in</td>
<td>13 mm</td>
<td>57 lbs</td>
</tr>
<tr>
<td>01638</td>
<td>824661</td>
<td>X® TWEEL® UTV</td>
<td>Polaris</td>
<td>26x8N14</td>
<td>715 lbs</td>
<td>50 mph</td>
<td>4x156 mm</td>
<td>+30 mm</td>
<td>5+2</td>
<td>5.2 in</td>
<td>13 mm</td>
<td>50 lbs</td>
</tr>
<tr>
<td>36384</td>
<td>876426</td>
<td>X® TWEEL® UTV</td>
<td>Can Am/Kawasaki</td>
<td>26x9N14</td>
<td>715 lbs</td>
<td>50 mph</td>
<td>4x137 mm</td>
<td>+48 mm</td>
<td>5+2</td>
<td>4.1 in</td>
<td>14.3 mm</td>
<td>50 lbs</td>
</tr>
<tr>
<td>43096</td>
<td>257086</td>
<td>X® TWEEL® UTV</td>
<td>John Deere Gator</td>
<td>26x9N14</td>
<td>715 lbs</td>
<td>50 mph</td>
<td>5x4.5 in</td>
<td>+25 mm</td>
<td>5+2</td>
<td>3.13 in</td>
<td>13 mm</td>
<td>50 lbs</td>
</tr>
</tbody>
</table>

Note: All UTV/ATVs use 60º / Conical / Tapered Lug Nuts.
Product measurements are subject to change and are listed here for your convenience. Please see your MICHELIN representative for up-to-date data.
MICHELIN X TWEEL TURF
AIRLESS RADIAL TIRE
FOR UTILITY CARTS AND
GOLF CARTS

REASONS TO BUY

✓ Unique spoke design helps dampen the ride for enhanced rider comfort when driving over gravel, uneven pavement, and bumps.
✓ Full width poly-resin spokes help provide outstanding lateral stiffness for excellent side-hill stability.
✓ Designed to provide excellent traction and long wear life – up to two times longer than a pneumatic golf cart tire.

Use of incorrect mounting hardware can lead to separation of the TWEEL from the vehicle, loss of control, and serious injury or death

<table>
<thead>
<tr>
<th>MSPN</th>
<th>CAI</th>
<th>Size / Description</th>
<th>Size</th>
<th>Wheel Offset</th>
<th>Max Speed</th>
<th>Max Load</th>
<th>Bolt Pattern</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>01133</td>
<td>019985</td>
<td>X® TWEEL® TURF for Golf Carts (Comfort)</td>
<td>18x8.5N10 (205/50N10)</td>
<td>-0.4 in</td>
<td>25 mph</td>
<td>529 lbs.</td>
<td>4x4 in.</td>
<td>28.4 lbs.</td>
</tr>
<tr>
<td>78245</td>
<td>361420</td>
<td>X® TWEEL® TURF for Utility Carts</td>
<td>18x8.5N10 (205/50N10)</td>
<td>-0.4 in</td>
<td>25 mph</td>
<td>705 lbs.</td>
<td>4x4 in.</td>
<td>27.6 lbs.</td>
</tr>
</tbody>
</table>

Product measurements are subject to change and are listed here for your convenience. Please see your MICHELIN representative for up-to-date data.